



University of
Kentucky[®]
Procurement Services

Request for Proposal
UK-2549-25

Job Order Contractors
for
General, Electrical, Plumbing, HVAC, Roofing, Paving

Proposal Due Date – 09/17/2024



REQUEST FOR PROPOSAL (RFP)

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

PROPOSAL NO.:	UK-2549-25	RETURN ORIGINAL COPY OF PROPOSAL TO:
Issue Date:	08/22/2024	UNIVERSITY OF KENTUCKY
Title:	Job Order Contractors for General, Electrical, Plumbing, HVAC, Roofing, Paving	PROCUREMENT SERVICES
Purchasing Officer:	Corey W. Leslie	411 S LIMESTONE
Phone:	859-323-9102	ROOM 322 PETERSON SERVICE BLDG.
Email:	Corey.leslie@uky.edu	LEXINGTON, KY 40506-0005

IMPORTANT: PROPOSALS MUST BE RECEIVED BY: 09/17/2024 3 P.M. LEXINGTON, KY TIME.

NOTICE OF REQUIREMENTS

1. The University's General Terms and Conditions and Instructions to Bidders, viewable at <https://purchasing.uky.edu/bid-and-proposal-opportunities>, apply to this RFP. When the RFP includes construction services, the University's General Conditions and Special Conditions for Construction and Instructions to Bidders, viewable at <https://purchasing.uky.edu/bid-and-proposal-opportunities>, apply to the RFP.
2. Contracts resulting from this RFP must be governed by and in accordance with the laws of the Commonwealth of Kentucky.
3. Any agreement or collusion among offerors or prospective offerors, which restrains, tends to restrain, or is reasonably calculated to restrain competition by agreement to bid at a fixed price or to refrain from offering, or otherwise, is prohibited.
4. Any person who violates any provisions of KRS 45A.325 shall be guilty of a felony and shall be punished by a fine of not less than five thousand dollars nor more than ten thousand dollars, or be imprisoned not less than one year nor more than five years, or both such fine and imprisonment. Any firm, corporation, or association who violates any of the provisions of KRS 45A.325 shall, upon conviction, be fined not less than ten thousand dollars or more than twenty thousand dollars.

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby swear (or affirm) under the penalty for false swearing as provided by KRS 523.040:

1. That I am the offeror (if the offeror is an individual), a partner, (if the offeror is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the offeror is a corporation);
2. That the attached proposal has been arrived at by the offeror independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other Contractor of materials, supplies, equipment or services described in the RFP, designed to limit independent bidding or competition;
3. That the contents of the proposal have not been communicated by the offeror or its employees or agents to any person not an employee or agent of the offeror or its surety on any bond furnished with the proposal and will not be communicated to any such person prior to the official closing of the RFP;
4. That the offeror is legally entitled to enter into contracts with the University of Kentucky and is not in violation of any prohibited conflict of interest, including, but not limited to, those prohibited by the provisions of KRS 45A.330 to .340, and 164.390;
5. That the offeror, and its affiliates, are duly registered with the Kentucky Department of Revenue to collect and remit the sale and use tax imposed by Chapter 139 to the extent required by Kentucky law and will remain registered for the duration of any contract award;
6. That I have fully informed myself regarding the accuracy of the statement made above.

SWORN STATEMENT OF COMPLIANCE WITH CAMPAIGN FINANCE LAWS

In accordance with KRS 45A.110 (2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to a bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

CONTRACTOR REPORT OF PRIOR VIOLATIONS OF KRS CHAPTERS 136, 139, 141, 337, 338, 341 & 342

The contractor by signing and submitting a proposal agrees as required by 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341 and 342 that have occurred in the previous five (5) years prior to the award of a contract and agrees to remain in continuous compliance with the provisions of the statutes during the duration of any contract that may be established. Final determinations of violations of these statutes must be provided to the University by the successful contractor prior to the award of a contract.

CERTIFICATION OF NON-SEGREGATED FACILITIES

The contractor, by submitting a proposal, certifies that he/she is in compliance with the Code of Federal Regulations, No. 41 CFR 60-1.8(b) that prohibits the maintaining of segregated facilities.

SIGNATURE REQUIRED: This proposal cannot be considered valid unless signed and dated by an authorized agent of the offeror. Type or print the signatory's name, title, address, phone number and fax number in the spaces provided. Offers signed by an agent are to be accompanied by evidence of his/her authority unless such evidence has been previously furnished to the issuing office

	NAME OF COMPANY:	Kentucky SOS Org #
	ADDRESS:	Phone/:
	CITY, STATE & ZIP CODE:	E-MAIL:
	TYPED OR PRINTED NAME:	WEB ADDRESS:
	SIGNATURE:	DATE:

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1.0 DEFINITIONS

The term "addenda" means written or graphic instructions issued by the University of Kentucky prior to the receipt of proposals that modify or interpret the RFP documents by additions, deletions, clarifications and/or corrections.

The term "competitive negotiations" means the method authorized in the Kentucky Revised Statutes, Chapter 45A.085.

The terms "offer" or "proposal" mean the offeror's/offers' response to this RFP.

The term "offeror" means the entity or contractor group submitting the proposal.

The term "contractor" means the entity receiving a contract award.

The term "purchasing agency" means the University of Kentucky, Procurement Services, Room 322 Peterson Service Building, Lexington, KY 40506-0005.

The term "purchasing official" means the University of Kentucky's appointed contracting representative.

The term "responsible offeror" means a person, company or corporation that has the capability in all respects to perform fully the contract requirements and the integrity and reliability that will assure good faith performance. In determining whether an offeror is responsible, the University may evaluate various factors including (but not limited to): financial resources; experience; organization; technical qualifications; available resources; record of performance; integrity; judgment; ability to perform successfully under the terms and conditions of the contract; adversarial relationship between the offeror and the University that is so serious and compelling that it may negatively impact the work performed under this RFP; or any other cause determined to be so serious and compelling as to affect the responsibility of the offeror.

The term "solicitation" means RFP.

The term "University" means University of Kentucky.

2.0 GENERAL OVERVIEW

2.1 Intent and Scope

The University is seeking contractors to participate in and perform construction services with projects executed through a project delivery method of Job Order Contracting (JOC). This is an indefinite quantity / indefinite delivery contract to be utilized at General Facilities as well as Medical Facilities owned by the University of Kentucky. The University intends to award multiple contracts to separate contractors. Job orders will typically be valued at less than \$1 million. A unit price book and software will be utilized as a pricing management system provided by FOS of Cannon Design, University of Kentucky's consultant. No work is guaranteed through this contract but there is no maximum number of job orders that can be awarded to a successful job order contractor.

All contractors will review and sign the "End User License Agreement" (EULA) from CannonDesign, FOS – Simplebid®, the UK consultant supporting the Job Order Contracting platform, and Unit Price Book. Training will be provided to all awarded contractors, estimating staff, superintendents and others as requested by awarded contractor Owner.

2.2 Background Information

University of Kentucky Facilities Management has nearly 300 active projects totaling nearly \$75 million in construction spend. Any or all of these projects could be candidates for the JOC program.

2.3 University Information

Upon his arrival in 2011, President Eli Capilouto set an ambitious agenda to extend and enhance our role as Kentucky's land-grant and flagship research university. By focusing on infrastructure growth and improvement; creating opportunities for innovative teaching, learning and academic excellence; fostering a robust research enterprise; providing life-saving subspecialty care; empowering communities through service and outreach; and encouraging a transparent and shared dialogue about institutional priorities; the University of Kentucky will help ensure a Kentucky tomorrow that is healthier, wealthier and wiser than it is today.

Our mission is to advance Kentucky.

Founded in 1865 as a land-grant institution adjacent to downtown Lexington, UK is nestled in the scenic heart of the beautiful Bluegrass region of Kentucky. From its early beginnings, with only 190 students and 10 professors, UK's campus now covers more than 900 acres. The university enrolled more than 32,000 students in Fall 2022 and has approximately 25,000 employees, including nearly 3,000 full-time faculty.

UK is one of a small number of universities in the United States that has programs in agriculture, engineering, law, fine arts and a full complement of health colleges including medicine and pharmacy, on a single campus alongside an academic health system, leading to groundbreaking discoveries and unique interdisciplinary collaboration.

The state's flagship university consists of 18 academic and professional colleges where students can choose from more than 200 majors and degree programs at the undergraduate and graduate

levels. The colleges are Agriculture, Food and Environment; Arts and Sciences; Business and Economics; Communication and Information; Dentistry; Design; Education; Engineering; Fine Arts; Graduate School; Health Sciences; Honors; Law; Medicine; Nursing; Pharmacy; Public Health; and Social Work. These colleges are supported by a modern research library system.

Research at the University of Kentucky is a dynamic enterprise encompassing both traditional scholarship and emerging technologies. UK's research faculty, staff and students are establishing UK as one of the nation's most prolific public research universities. UK researchers were awarded more than \$452.9 million in extramural grant and contract funding in fiscal year 2022. Fifty-six percent of this funding comes from agencies in the federal government (\$256 million) such as the National Institutes of Health, National Science Foundation, Department of Energy, Department of Defense and numerous other federal, state and industry sponsors. Expenditures from research and development (R&D) activities at the university generate more than \$772 million in economic development across the Commonwealth of Kentucky and support more than 4,395 jobs.

With more than 70 research centers and institutes, UK researchers are discovering new knowledge, providing a rich training ground for current students and the next generation of researchers and advancing the economic growth of the Commonwealth of Kentucky. Several centers excel in the services offered to the public. The Gluck Equine Research Center is one of only three facilities of its kind in the world, conducting equine disease research.

The Center for Applied Energy Research (CAER) is internationally recognized for research in algae for carbon dioxide clean up, carbon materials, concrete and cement, emissions control in utilities, energy policy, fuels research, hydrogen, materials characterization and plant optimization.

Among the brightest examples of UK's investment in transformative research is the Markey Cancer Center. As a center of excellence and distinction at UK, Markey's robust research and clinical enterprise is the cornerstone of our commitment to Kentucky – fundamental to our success in uplifting lives through our endeavors and improving the general health and welfare of our state – burdened by the nation's highest rate of cancer deaths per 100,000 people. In 2013, Markey earned the prestigious National Cancer Institute-designation (NCI) – one of 68 nationally and the only one in Kentucky. The designation was renewed in 2018.

Both CAER and Markey are cornerstones of seven Research Priority Areas (RPAs) at the University of Kentucky. These areas — chosen based on local relevance, existing funding strength, sustainability and disciplinary scholarly diversity — focus UK's top research talent on the most pressing challenges confronting our state.

The University of Kentucky is the recipient of a Clinical Translational Sciences Award (CTSA) from the National Institutes of Health (NIH). As one of only 60 institutions with this research distinction, UK was awarded the CTSA for its potential in moving research and discovery in the lab into practical field and community applications. The CTSA and NCI are part of a trifecta of federal research grants that includes an Alzheimer's Disease Center. UK is one of only 29 universities in the country to hold all three premier grants from NIH.

Established in 1957, the medical center at UK is one of the nation's finest academic medical centers and includes the university's clinical enterprise, UK HealthCare. Licensed for 965 beds across UK Albert B. Chandler Hospital, Kentucky Children's Hospital and UK Good Samaritan Hospital, the system is supported by a growing faculty and staff providing the most advanced subspecialty care for the most critically injured and ill patients throughout the Commonwealth and beyond. Since

2014, the number of patients served by the medical enterprise has nearly doubled, with more than 38,000 discharges in 2022.

UK Chandler Hospital includes the only Level 1 Trauma Center for both adult and pediatric patients in Central and Eastern Kentucky. In addition, UK HealthCare recently opened one of the country's largest robotic hybrid operating rooms and the first of its kind in the region. While the new patient care pavilion is the leading health care facility for advanced medical procedures in the region, our talented physicians consult with and travel to our network of affiliate hospitals so Kentuckians can receive the best health care available close to their home and never need to leave the Bluegrass for complex subspecialty care.

As of December 1, 2022, King's Daughters Medical Center, based in Ashland, Kentucky, officially became part of the University of Kentucky. King's Daughters Medical Center serves a 16-county region across Kentucky, Ohio and West Virginia. Its health system is composed of two acute-care hospitals totaling 465 licensed beds, more than 50 ambulatory centers and practice locations, a long-term care facility, medical transport company and six urgent care centers.

The University of Kentucky Board of Trustees on Friday April 26, 2024, approved plans to proceed with the acquisition of St. Claire HealthCare in Morehead. The move for St. Claire to become part of UK will expand clinical and academic programs as well as result in greater access to high-quality patient care for more Kentuckians. St. Claire can continue its 60-year tradition of serving Northeastern Kentucky for decades to come, operating under the name UK St. Claire. St. Claire HealthCare is one of the largest employers in the region, with over 1,200 staff members, including a growing medical staff of more than 125 physicians and nearly 70 advanced practice professionals representing more than 30 medical specialties. It includes the largest rural hospital in Northeastern Kentucky, seven primary care locations located within five counties, a multi-specialty medical pavilion, two urgent care centers, a pediatrics clinic, as well as a retail pharmacy, counseling center, medical equipment and supply store, and an outpatient center. Additionally, St. Claire HealthCare provides home health and hospice services in eight counties within its 11-county service region. The acquisition was finalized on July 1, 2024.

UK's agenda remains committed to accelerating the university's academic excellence in all areas and gaining worldwide recognition for its outstanding academic programs, its commitment to students, its investment in pioneering research and discovery, its success in building a diverse community and its engagement with the larger society. This commitment is all part of the university's mission as a 21st century flagship and land-grant research university. From its Nobel Laureates to cutting-edge work in addressing health disparities, and from the artistic wonders that stir souls to our scientific creativity that inspires minds, UK seeks a brighter future through the contributions of our faculty, staff, students and alumni.

We are the University of Kentucky. We are committed to advancing Kentucky in everything that we do.

2.4 SUSTAINABILITY

Sustainability is an institution-wide priority for the University of Kentucky. We strive to ensure that all activities are ecologically sound, socially just, and economically viable, and that they will continue to be so for future generations. This commitment also prioritizes the integration of these principles in curricula, research, athletics, health care, creative works, and outreach. This principled approach to operational practices and intellectual pursuits is intended to prepare students and empower the

campus community to support sustainable development in the Commonwealth and beyond. The UK Sustainability Strategic Plan guides these efforts (<https://www.uky.edu/sustainability/sustainability-strategic-plan>).

3.0 PROPOSAL REQUIREMENTS

3.1 Key Event Dates

Release of RFP	08/22/2024
Pre-Proposal Conference In Person or Online	10:00AM Lexington, KY Time on 08/28/2024
Deadline for Written Questions	3:00PM Lexington KY Time on 09/03/2024
RFP Proposals Due	3:00PM Lexington KY Time on 09/17/2024
Offeror Presentations (if required)	Week of 9/30/2024*

*projected date

3.2 Offeror Communication

All communications with the University regarding this RFP shall only be directed to the procurement officer listed above.

All addenda and updates will be communicated through the Lynn Imaging Planroom.

Plans, Specifications, and official solicitation documents are available from:

Lynn Imaging
328 Old Vine Street
Lexington Kentucky 40507
Phone (859) 255-1021
Fax (859) 233-1558

In addition, Lynn Imaging and the University have a web site at: www.ukplanroom.com where plans can be ordered.

Interested vendors must identify the status of their firm as a prime contractor, miscellaneous subcontractor, material supplier or other when ordering Plans and Specifications.

3.3 Pre-Proposal Conference

A pre-proposal conference will be held in Lexington, Kentucky on 08/28/2024 at 10:00 a.m. EST

At The Cornerstone Esports Stage
401 S. Limestone
Lexington, KY 40506

As well as on Microsoft Teams at: <https://events.teams.microsoft.com/event/734efbe7-2736-4dd9-a2a8-815cd6ff0890@2b30530b-69b6-4457-b818-481cb53d42ae>

Please note that Registration is required to attend the online session.

The following items should be noted in reference to the pre-proposal conference:

Attendance at the pre-proposal conference, whether in-person or virtual, is voluntary. However, interested offerors are highly encouraged to attend. The University and the Consultant will cover the RFP and award process, the JOC program, and will clarify University expectations and answer or log questions.

Offerors are encouraged to submit written questions after the conference by the date listed in Section 3.1.

The University will prepare official responses to questions and issue them to offerors via addendum. Only official responses will become part of the contracts with the successful contractors. Answers given orally at the conference are not binding.

3.4 Offeror Presentations

All offerors whose proposals are judged acceptable for award may be required to make a presentation to the evaluation committee.

3.5 Preparation of Offers

The offeror is expected to follow all specifications, terms, conditions and instructions in this RFP.

The offeror will furnish all information required by this solicitation.

Proposals should be prepared simply and economically, providing a description of the offeror's capabilities to satisfy the requirements of the solicitation. Emphasis should be on completeness and clarity of content. All documentation submitted with the proposal should be bound in a single volume except as otherwise specified.

3.6 Proposed Deviations from the RFP

The stated requirements appearing elsewhere in this RFP shall become a part of the terms and conditions of any resulting contract. Any deviations therefrom should be specifically defined in accordance with the transmittal letter, Section 4.3 (d). Such deviations must not be in conflict with the basic nature of this RFP.

Note: Each offeror's exception to the requirements of this RFP should be individually addressed. Inclusion of the offeror's standard terms and conditions without context may be received as the offeror's non-negotiable position regarding this scope of work and will be addressed accordingly.

3.7 **Proposal Submission and Deadline**

Offeror must provide the following materials prior to 3 p.m. (Lexington, KY time) on the date specified in Section 3.1 and addressed to the purchasing officer listed in Section 3.2:

- **Technical Proposal:** One (1) copy on electronic storage device (USB) clearly marked with the proposal number and name, firm name and what is included (Technical Proposal)
One (1) printed original, and one (1) hard copy (a total of two “books” and one thumb drive).
- **Financial Proposal:** One (1) copy on electronic storage device (USB) clearly marked with the proposal number and name, firm name and what is included (Financial Proposal)
One (1) printed original, and one (1) hard copy (a total of two “books” and one thumb drive).

Do not password protect the electronic device

Offerors should identify one of the printed proposals as the “Purchasing Copy” by labeling or other conspicuous means. In the event of a discrepancy between versions, the purchasing copy will be authoritative.

Proposals received after the closing date and time will not be considered. In addition, proposals received via fax or e-mail are not acceptable.

Proposals should be enclosed in sealed envelopes to the above referenced address and should show on the face of the envelope: the closing time and date specified, the solicitation number and the name and address of the offeror. The technical proposal should be submitted in a sealed envelope and the financial proposal should be submitted in a sealed envelope under separate cover. Both sealed envelopes should have identical information on the cover, with the addition that one will state “Technical Information,” and the other, “Financial Proposal.”

Note: In accordance with the Kentucky Revised Statute 45A.085, there will be no public opening.

3.8 **Modification or Withdrawal of Offer**

An offer and/or modification of an offer received at the office designated in the solicitation after the exact hour and date specified for receipt will not be considered.

An offer may be modified or withdrawn by written notice before the exact hour and date specified for receipt of offers. An offer also may be withdrawn in person by an offeror or an authorized representative, provided the identity of the person is made known and the person signs a receipt for the offer, but only if the withdrawal is made prior to the exact hour and date set for receipt of offers.

3.9 **Acceptance or Rejection and Award of Proposal**

The University reserves the right to accept or reject any or all proposals (or parts of proposals), to waive any informalities or technicalities, to clarify any ambiguities in proposals and (unless otherwise specified) to accept any item in the proposal. In case of error in extension or prices or other errors in calculation, the unit price shall govern. Further, the University reserves the right to make a single award, split awards, multiple awards or no award, whichever is in the best interest of the University.

3.10 Rejection

Grounds for the rejection of proposals include (but shall not be limited to):

- Failure of a proposal to conform to the essential requirements of the RFP.
- Imposition of conditions that would significantly modify the terms and conditions of the solicitation or limit the offeror's liability to the University on the contract awarded on the basis of such solicitation.
- Failure of the offeror to sign the University RFP. This includes the Authentication of Proposal and Statement of Non-Collusion and Non-Conflict of Interest statements.
- Receipt of proposal after the closing date and time specified in the RFP.

3.11 Addenda

Any addenda or instructions issued by the purchasing agency prior to the time for receiving proposals shall become a part of this RFP. Such addenda should be acknowledged in the proposal. No instructions or changes shall be binding unless documented by a proper and duly issued addendum.

3.12 Disclosure of Offeror's Response

The RFP specifies the format, required information and general content of proposals submitted in response to this RFP. The purchasing agency will not disclose any portions of the proposals prior to contract award to anyone outside Procurement Services, the University's administrative staff, representatives of the state or federal government (if required) and the members of the committee evaluating the proposals. After a contract is awarded in whole or in part, the University shall have the right to duplicate, use or disclose all proposal data submitted by offerors in response to this RFP as a matter of public record.

The University shall have the right to use all system ideas, or adaptations of those ideas, contained in any proposal received in response to this RFP. Selection or rejection of the proposal will not affect this right.

3.13 Restrictions on Communications with University Staff

From the issue date of this RFP until a contractor is selected and a contract award is made, offerors are not allowed to communicate about the subject of the RFP with the Consultant or any University administrator, faculty, staff or members of the board of trustees, except: the purchasing office representative, any University purchasing official representing the University administration, others authorized in writing by the purchasing office and University representatives during offeror presentations. If violation of this provision occurs, the University reserves the right to reject the offeror's proposal.

3.14 Cost of Preparing Proposal

Costs for developing the proposals and any subsequent activities prior to contract award are solely the responsibility of the offerors. The University will provide no reimbursement for such costs.

3.15 Disposition of Proposals

All proposals become the property of the University. The successful proposal will be incorporated into the resulting contract by reference.

3.16 Alternate Proposals

(Not Applicable for JOC)

3.17 Questions

All questions should be submitted by e-mail to the purchasing officer listed in Section 3.2 no later than the date listed in Section 3.1.

3.18 Section Titles in the RFP

Section titles used herein are for the purpose of facilitating ease of reference only and shall not be construed to infer the construction of contractual language.

3.19 No Contingent Fees

No person or selling agency shall be employed or retained or given anything of monetary value to solicit or secure this contract, except bona fide employees of the offeror or bona fide established commercial or selling agencies maintained by the offeror for the purpose of securing business. For breach or violation of this provision, the University shall have the right to reject the proposal, annul the contract without liability, or, at its discretion, deduct from the contract price or otherwise recover the full amount of such commission, percentage, brokerage or contingent fee or other benefit.

3.20 Proposal Addenda and Rules for Withdrawal

Prior to the date specified for receipt of offers, a submitted proposal may be withdrawn by submitting a written request for its withdrawal to the University purchasing office, signed by the offeror. Unless requested by the University, the University will not accept revisions or alterations to proposals after the proposal due date.

3.21 Requirement To Perform Vendor Onboarding and Registration

As a condition of award, and for any renewals performed during the life of the contract, successful Contractor agrees to register their company with PaymentWorks, Inc., the University's vendor onboarding application. Registration information will be provided by Procurement Services as part of the award process. Supplier agrees to and acknowledges responsibility for all updates on their PaymentWorks account as it relates to submitting new remit-to addresses or other required supplier profile information. PaymentWorks provides support to all suppliers transacting with the University of Kentucky on the platform. Supplier agrees to and should be responsible for engaging PaymentWorks Support for any needed issues regarding updates or other matters to ensure their supplier account remains connected to the University.

4.0 PROPOSAL FORMAT AND CONTENT

4.1 Proposal Information and Criteria

The following list specifies the items to be addressed in the proposal. Offerors should read it carefully and address it completely and in the order listed to facilitate the University's review of the proposal.

Proposals should be organized into the sections identified below. The content of each section is detailed in the following pages. It is strongly suggested that offerors use the same numbers for the following content that are used in the RFP.

- Signed Authentication of Proposal and Statement of Non-Collusion and Non-Conflict of Interest Form
- Transmittal Letter
- Executive Summary and Proposal Overview
- Criteria 1 – Relevant Experience and References
- Criteria 2 – Demonstrated Management Competency
- Criteria 3 – Safety Record
- Criteria 4 – Financial Condition
- Criteria 5 – Financial Proposal
- Criteria 6 – Other Additional Information

Each Offeror shall provide information, documentation and other necessary materials that best demonstrates and informs the University of the firm's abilities, professional competence, experience and expertise that will enable the firm to provide the services desired.

Each Offeror is expected to examine all specifications, terms, conditions, and instructions in this Request for Proposal. Failure to do so will be at the Offeror's risk. The proposal should be focused with straightforward concise descriptions of the firm's capabilities. In keeping with this requirement, the Offeror's response to this request should be no more than (50) fifty pages, not including any preprinted firm information and brochures.

4.2 Signed Authentication of Proposal and Statements of Non-Collusion and Non-Conflict of Interest Form

The Offeror will sign and return the proposal authentication sheet and print or type their name, firm, address, telephone number and date. The person signing the offer should initial erasures or other changes. An offer signed by an agent is to be accompanied by evidence of their authority to bind the firm to contractual terms. The signer shall further certify that the proposal is made without collusion with any other person, persons, company or parties submitting a proposal; that it is in all respects fair and in good faith without collusion or fraud; and that the signer is authorized to bind the principal offeror.

4.3 Transmittal Letter

The Transmittal Letter accompanying the RFP should be in the form of a standard business letter and should be signed by an individual authorized to legally bind the offeror. It should include:

- A statement referencing all addenda and written questions, the answers and any clarifications to this RFP issued by the University and received by the offeror (If no addenda have been received, a statement to that effect should be included.).
- A statement that the offeror's proposal shall remain valid for six (6) months after the closing date of the receipt of the proposals.
- A statement that the offeror will accept financial responsibility for all travel expenses incurred for oral presentations (if required) and candidate interviews.
- A statement that summarizes any deviations or exceptions to the RFP requirements and includes a detailed justification for the deviation or exception.
- A statement that identifies the confidential information as described in Section 6.23.

4.4 Executive Summary and Proposal Overview

The Executive Summary and Proposal Overview should condense and highlight the contents of the technical proposal in such a way as to provide the evaluation committee with a broad understanding of the entire proposal.

As part of the Executive Summary and Proposal Overview, Offeror should submit with their response a summarized profile describing the nature of their company or organization, and answering the following questions:

1. When was your organization established and/or incorporated?
2. Indicate whether your organization is classified as local, regional, national, or international.
3. Describe the size of your company in terms of number of employees, gross sales, etc.
4. Include other information that you feel may be applicable to the Request for Proposal submission.

4.5 Criteria 1 – Relevant Experience and References

The purpose of the Offeror Qualifications section is to determine the ability of the offeror to respond to this RFP. Offerors should describe and offer evidence of their ability to meet each of the qualifications listed below.

Submit a list of previously completed projects in accordance with the criteria set forth below. All projects submitted must have a final completion date within a five-year period from the date this Instructions to Bidders was released. Projects with a completion date before the five-year period will not be considered. All projects provided as relevant experience must be completed

by the prime contractor bidding on this contract. Projects not performed by the prime contractor will not be evaluated.

1. Submit a description of a maximum of five (5) projects whose final project value, including change orders, is equal to or less than \$100,000. For each project, clearly describe the project scope, the Offeror's role, and which work was subcontracted or self-performed. Describe any challenges encountered and the Offeror's actions to help resolve. Attach additional sheet(s) as necessary.
2. Submit a maximum of five (5) projects whose final project value, including change orders, is between \$100,000.01 and \$500,000. For each project, clearly describe the project scope, the Offeror's role, and which work was subcontracted or self-performed. Describe any challenges encountered and the Offeror's actions to help resolve. Attach additional sheet(s) as necessary.
3. Submit a maximum of five (5) projects whose final project value, including change orders, is greater than \$500,000. For each project, clearly describe the project scope, the Offeror's role, and which work was subcontracted or self-performed. Describe any challenges encountered and the Offeror's actions to help resolve. Attach additional sheet(s) as necessary.
4. Relevant Experience Narrative: Submit a narrative prepared by the Offeror that addresses the following:
 - a. Statement setting forth relevant experience, including the experience, competency, capability, and capacity to complete projects of similar size, scope, or complexity as the work set forth in this proposal;
 - b. Statement of how many contracts in the past five (5) years were structured as a Job Order Contract or other indefinite quantity contract that contemplated issuing multiple, unrelated projects or work orders utilizing a unit price book; and

4.6 Criteria 2 – Demonstrated Management Competency

1. Organization Chart: Provide an organizational chart that identifies the roles and responsibilities of the project manager, superintendent(s), and/or resources which include subcontractors assigned to support the University. Work within the University's Medical Facilities, research areas, or those that have direct contact with minors may require security background clearances.
2. Key Personnel Assigned to the Contract: Identify the key personnel assigned to the Contract
3. Staffing/Resource Plan: Include a Staffing/Resource Plan for the Job Orders, for the duration of the Contract. The Offeror's Staffing/Resources Plan shall include resumes for at least the following proposed key personnel: project manager, construction superintendent, scheduler, cost estimator, and or staff with expertise to perform the required services.
4. High Volume of Work Plan: Describe the Offeror's ability to add additional staff should the volume of work increase to the point where additional staff is required to support the

University and its Job Order Contracting program.

5. Contract and Job Order Management Plan: Include a Statement of Offeror's Management Capacity / Contract and Job Order Management Plan, that shall include a narrative on why that Plan is advantageous to the University. When developing the Contract Management Plan, account for the following items, which shall include without limitation:
 - a. An initial term that ends 7/31/2026 with no maximum contract value or limitation to the number of potentially awarded Job Orders.
 - b. Individual Job Orders may range from \$1 to more than \$900,000.
 - c. Assurance of compliance with all applicable codes and regulations.
 - d. Response Time in case an emergency response is required.

4.7 Criteria 3 – Safety Record

1. Include a statement and summary describing the Offeror's safety record for the past three years, including prior history concerning the safe performance of construction work. At minimum, the Offeror should include the following:
 - a. Include a statement and summary of the Offeror's Safety Plan during construction, including Offeror's approach to safety programs, including Subcontractor involvement.
 - b. Include a statement and summary of the Offeror's average total recordable injury or illness rate and average lost work rate for the most recent three-year period.
2. Attach a letter from the Offeror's insurance company, on the insurance carrier's letterhead, stating the Offeror's Experience Modification Rate (EMR) for the most recent three-year period.
3. If, during any year, the EMR is greater than 1.0, attach an explanation as to why the EMR is greater than 1.0 and steps taken to reduce the EMR to ensure the EMR remains below 1.0.
4. Provide a copy of the offeror's written safety program that meets KY/OSH requirements or equivalent (Provide a copy for reference).
5. Disclose and describe any KY/OSH (or equivalent) fines categorized as serious, repeat, or willful. Provide additional information regarding the resolution of these events.

4.8 Criteria 4 - Financial Condition

1. Provide a letter from the bonding company, on the surety company's letterhead that states all of the following:
 - a. how long the company has been providing bonds to the Offeror
 - b. the Offeror's bonding capacity (aggregate dollar amount)
 - c. the current amount of bonding outstanding

2. Provide a letter from the insurance company, on the insurance company's letterhead, that states all of the following:
 - a. how long the company has been providing insurance to the Offeror
 - b. the Offeror's ability to meet or exceed the insurance requirements set forth in the RFP

4.9 Criteria 5 – Financial Proposal

The Financial Proposal is a complete financial offer made to the University using the format described in Section 8.0.

4.10 Criteria 6 – Other Additional Information

The offeror may present any creative approaches that might be appropriate. The offeror may also provide supporting documentation that would be pertinent to this RFP.

5.0 EVALUATION CRITERIA PROCESS

A committee of University officials appointed by the Chief Procurement Officer will evaluate proposals and make a recommendation to the Chief Procurement Officer. The evaluation will be based upon the information provided in the proposal, additional information requested by the University for clarification, information obtained from references and independent sources and oral presentations (if requested).

The evaluation of responsive proposals shall then be completed by an evaluation team, which will determine the ranking of proposals. Proposals will be evaluated strictly in accordance with the requirements set forth in this solicitation, including any addenda that are issued. The University will award the contract to the responsible offeror whose proposal is determined to be the most advantageous to the University, taking into consideration the evaluation factors set forth in this RFP.

The evaluation of proposals will include consideration of responses to the list of criteria in Section 4.0. Offerors should specifically address all criteria in their response. Any deviations or exceptions to the specifications or requirements should be described and justified in a transmittal letter. Failure to list such exceptions or deviations in the transmittal letter may be considered sufficient reason to reject the proposal.

The relative importance of the criteria is defined below:

Primary Criteria

- Criteria 1 – Relevant Experience and References
- Criteria 2 – Demonstrated Management Competency
- Criteria 3 – Safety Record
- Criteria 4 – Financial Condition
- Criteria 5 – Financial Proposal

Secondary Criteria

- Criteria 6 – Other Additional Information

The University will evaluate proposals as submitted and may not notify offerors of deficiencies in their responses.

Proposals should contain responses to each of the criteria listed in Section 4 even if the offeror's response cannot satisfy those criteria. A proposal may be rejected if it is conditional or incomplete in the judgment of the University.

6.0 SPECIAL CONDITIONS

See: Exhibit B – Special Conditions

6.1 Contract Term

Any contract resulting from this RFP will have an initial term ending 7/31/2026. The contract will be renewable for up to three (3) additional 1 (one) year renewal periods. Renewal is contingent upon available funding, ongoing need, and the University's satisfaction with the services performed.

6.2 Effective Date

The effective date of the contract should be the date upon which the parties execute it and all appropriate approvals, including that of the Commonwealth of Kentucky Government Contracts Review Committee, have been received.

6.3 Competitive Negotiation

It is the intent of the RFP to enter into competitive negotiation as authorized by KRS 45A.085.

The University will review all proposals properly submitted. However, the University reserves the right to request necessary modifications, reject all proposals, reject any proposal that does not meet mandatory requirement(s) or cancel this RFP, according to the best interests of the University.

Offeror(s) selected to participate in negotiations may be given an opportunity to submit a Best and Final Offer to the purchasing agency. All information received prior to the cut-off time will be considered part of the offeror's Best and Final Offer.

The University also reserves the right to waive minor technicalities or irregularities in proposals providing such action is in the best interest of the University. Such a waiver should in no way modify the RFP requirements or excuse the offeror from full compliance with the RFP specifications and other contract requirements if the offeror is awarded the contract.

6.4 Appearance Before Committee

Any, all or no offerors may be requested to appear before the evaluation committee to explain their proposal and/or to respond to questions from the committee concerning the proposal. Offerors are prohibited from electronically recording these meetings. The committee reserves the right to request additional information.

6.5 Additions, Deletions or Contract Changes

The University reserves the right to add, delete, or change related items or services to the contract established from this RFP. No modification or change of any provision in the resulting contract shall be made unless such modification is mutually agreed to in writing by the contractor and the Chief Procurement Officer and incorporated as a written modification to the contract. Memoranda of understanding and correspondence should not be interpreted as a modification to the contract.

6.6 Contractor Cooperation in Related Efforts

The University reserves the right to undertake or award other contracts for additional or related work to other entities. The contractor shall fully cooperate with such other contractors and University employees and carefully fit its work to such additional work. The contractor shall not commit or permit any act which will interfere with the performance of work by any other contractor or by University employees. This clause shall be included in the contracts of all contractors with whom this contractor will be required to cooperate. The University shall equitably enforce this clause to all contractors to prevent the imposition of unreasonable burdens on any contractor.

6.7 Entire Agreement

The RFP shall be incorporated into any resulting contract. The resulting contract, including the RFP and those portions of the offeror's response accepted by the University, constitute the entire agreement between the parties.

6.8 Governing Law

The contractor shall conform to and observe all laws, ordinances, rules and regulations of the United States of America, Commonwealth of Kentucky and all other local governments, public authorities, boards or offices relating to the property or the improvements upon same (or the use thereof) and will not permit the same to be used for any illegal or immoral purposes, business or occupation. The resulting contract shall be governed by Kentucky law and any claim relating to this contract shall only be brought in the Franklin Circuit Court in accordance with KRS 45A.245.

6.9 Kentucky's Personal Information Security and Breach Investigation Procedures and Practices Act

To the extent Company receives Personal Information as defined by and in accordance with Kentucky's Personal Information Security and Breach Investigation Procedures and Practices Act, KRS 61.931, 61.932 and 61.933 (the "Act"), Company shall secure and protect the Personal Information by, without limitation: (i) complying with all requirements applicable to non-affiliated third parties set forth in the Act; (ii) utilizing security and breach investigation procedures that are appropriate to the nature of the Personal Information disclosed, at least as stringent as University's and reasonably designed to protect the Personal Information from unauthorized access, use, modification, disclosure, manipulation, or destruction; (iii) notifying University of a security breach relating to Personal Information in the possession of Company or its agents or subcontractors within seventy-two (72) hours of discovery of an actual or suspected breach unless the exception set forth in KRS 61.932(2)(b)2 applies and Company abides by the requirements set forth in that exception; (iv) cooperating with University in complying with the response, mitigation, correction, investigation, and notification requirements of the Act, (v) paying all costs of notification, investigation and mitigation in the event of a security breach of Personal Information suffered by Company; and (vi) at University's discretion and direction, handling all administrative functions associated with notification, investigation and mitigation.

6.10 Termination for Convenience

The University of Kentucky, Procurement Services, reserves the right to terminate the resulting contract without cause with a thirty (30) day written notice. Upon receipt by the contractor of a "notice of termination," the contractor shall discontinue all services with respect to the applicable contract. The cost of any agreed upon services provided by the contractor will be calculated at the agreed upon rate prior to a "notice of termination" and a fixed fee contract will be pro-rated (as appropriate).

6.11 Termination for Non-Performance

Default

The University may terminate the resulting contract for non-performance, as determined by the University, for such causes as:

- Failing to provide satisfactory quality of service, including, failure to maintain adequate personnel, whether arising from labor disputes, or otherwise any substantial change in ownership or proprietorship of the Contractor, which in the opinion of the University is not in its best interest, or failure to comply with the terms of this contract;
- Failing to keep or perform, within the time period set forth herein, or violation of, any of the covenants, conditions, provisions or agreements herein contained;
- Adjudicating as a voluntarily bankrupt, making a transfer in fraud of its creditors, filing a petition under any section from time to time, or under any similar law or statute of the United States or any state thereof, or if an order for relief shall be entered against the Contractor in any proceeding filed by or against contractor thereunder. In the event of any such involuntary bankruptcy proceeding being instituted against the Contractor, the fact of such an involuntary petition being filed shall not be considered an event of default until sixty (60) days after filing of said petition in order that Contractor might during that sixty (60) day period have the opportunity to seek dismissal of the involuntary petition or otherwise cure said potential default; or
- Making a general assignment for the benefit of its creditors, or taking the benefit of any insolvency act, or if a permanent receiver or trustee in bankruptcy shall be appointed for the Contractor.

Demand for Assurances

In the event the University has reason to believe Contractor will be unable to perform under the Contract, it may make a demand for reasonable assurances that Contractor will be able to timely perform all obligations under the Contract. If Contractor is unable to provide such adequate assurances, then such failure may be an event of default and grounds for termination of the Contract.

Notification

The University will provide ten (10) calendar days written notice of default. Unless arrangements are made to correct the non-performance issues to the University's satisfaction within ten (10)

calendar days, the University may terminate the contract by giving forty-five (45) days notice, by registered or certified mail, of its intent to cancel this contract.

See Exhibit G – JOC Contractor Performance Evaluation.

6.11B Right of Refusal:

Successful job order contractors will be required to respond to each University Job Order request made within this program, with no rights of refusal. See Exhibit D – Supplemental Conditions for JOC for more details.

6.12 Funding Out

The University may terminate this contract if funds are not appropriated or are not otherwise available for the purpose of making payments without incurring any obligation for payment after the date of termination, regardless of the terms of the contract. The University shall provide the contractor thirty (30) calendar days' written notice of termination under this provision.

6.13 Prime Contractor Responsibility

Any contracts that may result from the RFP shall specify that the contractor(s) is/are solely responsible for fulfillment of the contract with the University.

6.14 Assignment and Subcontracting

The Contractor(s) may not assign or delegate its rights and obligations under any contract in whole or in part without the prior written consent of the University. Any attempted assignment or subcontracting shall be void.

6.15 Permits, Licenses, Taxes

The contractor shall procure all necessary permits and licenses and abide by all applicable laws, regulations and ordinances of all federal, state and local governments in which work under this contract is performed.

The contractor must furnish certification of authority to conduct business in the Commonwealth of Kentucky as a condition of contract award. Such registration is obtained from the Secretary of State, who will also provide the certification thereof. However, the contractor need not be registered as a prerequisite for responding to the RFP.

The contractor shall pay any sales, use, personal property and other tax arising out of this contract and the transaction contemplated hereby. Any other taxes levied upon this contract, the transaction or the equipment or services delivered pursuant hereto shall be the responsibility of the contractor.

The contractor will be required to accept liability for payment of all payroll taxes or deductions required by local and federal law including (but not limited to) old age pension, social security or annuities.

6.16 **Attorneys' Fees**

In the event that either party deems it necessary to take legal action to enforce any provision of the contract and in the event that the University prevails, the contractor agrees to pay all expenses of such action including attorneys' fees and costs at all stages of litigation.

6.17 **Royalties, Patents, Copyrights and Trademarks**

The Contractor shall pay all applicable royalties and license fees. If a particular process, products or device is specified in the contract documents and it is known to be subject to patent rights or copyrights, the existence of such rights shall be disclosed in the contract documents and the Contractor is responsible for payment of all associated royalties. To the fullest extent permitted by law the Contractor shall indemnify, hold the University harmless, and defend all suits, claims, losses, damages or liability resulting from any infringement of patent, copyright, and trademark rights resulting from the incorporation in the Work or device specified in the Contract Documents.

Unless provided otherwise in the contract, the Contractor shall not use the University's name nor any of its trademarks or copyrights, although it may state that it has a Contract with the University.

6.18 **Indemnification**

The contractor shall indemnify, hold and save harmless the University, its affiliates and subsidiaries and their officers, agents and employees from losses, claims, suits, actions, expenses, damages, costs (including court costs and attorneys' fees of the University's attorneys), all liability of any nature or kind arising out of or relating to the Contractor's response to this RFP or its performance or failure to perform under the contract awarded from this RFP. This clause shall survive termination for as long as necessary to protect the University.

6.19 **Insurance**

The successful Contractor shall procure and maintain, at its expense, the following minimum insurance coverages insuring all services, work activities and contractual obligations undertaken in this contract. These insurance policies must be with insurers acceptable to the University.

COVERAGES

Workers' Compensation
Employer's Liability
Commercial General Liability including operations/completed operations, products and contractual liability (including defense and investigation costs), and this contract
Business Automobile Liability covering owned, leased, or non-owned autos

LIMITS

Statutory Requirements (Kentucky)
\$500,000/\$500,000/\$500,000
\$1,000,000 each occurrence
(BI & PD combined) \$2,000,000 Products and Completed Operations Aggregate
\$1,000,000 each occurrence
(BI & PD combined)

Additional insurance may be required for situations including but not limited to, hoisting, confined, hot, sharp, energized, and elevated work, jobs that require design or other professional risk, and where builder's risk insurance is requested as part of the project scoping and proposal process.

The successful contractor agrees to furnish Certificates of Insurance for the above-described coverages and limits to the University of Kentucky, Procurement Services. The University, its trustees and employees must be added as additional insured on the Commercial General Liability policy with regard to the scope of this solicitation. Any deductibles or self-insured retention in the above-described policies must be paid and are the sole responsibility of the contractor. Coverage is to be primary and non-contributory with other coverage (if any) purchased by the University. All of these required policies must include a Waiver of Subrogation (except Workers' Compensation) in favor of the University, its trustees and employees.

6.20 Method of Award

It is the intent of the University to award a contract to the qualified offeror whose offer, conforming to the conditions and requirements of the RFP, is determined to be the most advantageous to the University, cost and other factors considered.

Notwithstanding the above, this RFP does not commit the University to award a contract from this solicitation. The University reserves the right to reject any or all offers and to waive formalities and minor irregularities in the proposal received.

6.21 Reciprocal Preference

In accordance with KRS 45A.494, a resident offeror of the Commonwealth of Kentucky shall be given a preference against a nonresident offeror. In evaluating proposals, the University will apply a reciprocal preference against an offeror submitting a proposal from a state that grants residency preference equal to the preference given by the state of the nonresident offeror. Residency and non-residency shall be defined in accordance with KRS 45A.494(2) and 45A.494(3), respectively. Any offeror claiming Kentucky residency status shall submit with its proposal a notarized affidavit affirming that it meets the criteria as set forth in the above reference statute.

6.22 Reports and Auditing

All records relating directly or indirectly to the Job Order Contracting program which are in the possession or control of Contractor shall be made available to Owner, its designee, and any governmental authority for audit, inspection, and copying upon the request of the Owner or the Owner's Representative(s). Such records include, without limitation: all drawings, specifications, Submittals, subcontractor bids, subcontracts, the Daily Log, correspondence, the Request Log, the Submittal Log, minutes, memoranda, tape or videotape recordings, or other writings or things which document the Project, its design, and its construction.

6.23 Confidentiality

The University recognizes an offeror's possible interest in preserving selected information and data included in the proposal; however, the University must treat such information and data as required by the Kentucky Open Records Act, KRS 61.870, et seq.

Information areas which normally might be considered proprietary, and therefore confidential, shall be limited to individual personnel data, customer references, formulae and company financial audits which, if disclosed, would permit an unfair advantage to competitors. If a proposal contains

information in these areas and the offeror declares them to be proprietary in nature and not available for public disclosure, the offeror should declare in the Transmittal Letter the inclusion of proprietary information and shall noticeably label as confidential or proprietary each sheet containing such information. Proposals containing information declared by the offeror to be proprietary or confidential, either wholly or in part, outside the areas listed above may be deemed non-responsive and may be rejected.

The University's General Counsel shall review each offeror's information claimed to be confidential and, in consultation with the offeror (if needed), make a final determination as to whether or not the confidential or proprietary nature of the information or data complies with the Kentucky Open Records Act.

6.24 Conflict of Interest

This Request for Proposal and resulting Contract are subject to provisions of the Kentucky Revised Statutes regarding conflict of interest and the University of Kentucky's Ethical Principles and Code of Conduct (www.uky.edu/Legal/ethicscode.htm). When submitting and signing a proposal, an offeror certifies that no actual, apparent or potential conflict of interest exists between the interests of the University and the interests of the offeror. A conflict of interest (whether contractual, financial, organizational or otherwise) exists when any individual, contractor or subcontractor has a direct or indirect interest because of a financial or pecuniary interest, gift or other activities or relationships with other persons (including business, familial or household relationships) and is thus unable to render or is impeded from rendering impartial assistance or advice, has impaired objectivity in performing the proposed work or has an unfair competitive advantage.

Questions concerning this section or interpretation of this section should be directed to the University purchasing officer identified in this RFP.

6.25 Personal Service Contract Policies

Not Applicable

6.26 Copyright Ownership and Title to Designs and Copy

The contractor and University intend this RFP to result in a contract for services, and both consider the products and results of the services to be rendered by the contractor hereunder to be a work made for hire. The contractor acknowledges and agrees that the work and all rights therein, including (without limitation) copyright, belongs to and shall be the sole and exclusive property of the University. For any work that is not considered a work made for hire under applicable law, title and copyright ownership shall be assigned to the University.

Title to all dies, type, cuts, artwork, negatives, positives, color separations, progressive proofs, plates, copy and any other requirement not stated herein required for completion of the finished product for use in connection with any University job shall be the property of and owned by the University. Such items shall be returned to the appropriate department upon completion and/or delivery of work unless otherwise authorized by the University. In the event that time of return is not specified, the contractor shall return all such items to the appropriate University department within one week of delivery.

6.27 University Brand Standards

The contractor must adhere to all University of Kentucky Brand Standards. University Brand Standards are maintained by the University Public Relations Office (UKPR) and can be viewed at <http://www.uky.edu/prmarketing/brand-standards>. Non-adherence to the standards can have a penalty up to and including contract cancellation. Only the UKPR Director or designee can approve exceptions to the University standards.

Graphics standards for the UK HealthCare areas are governed by UK HealthCare Clinical Enterprise Graphic Standards, found at: <https://ukhealthcare.uky.edu/staff/brand-strategy>.

Contractor warrants that its products or services provided hereunder will be in compliance with all applicable Federal disabilities laws and regulations, including without limitation the accessibility requirements of Section 255 of the Federal Telecommunications Act of 1996 (47 U.S.C. § 255) and Section 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d), and its implementing regulations set forth at Title 36, Code of Federal Regulations, Part 1194. For purposes of clarity, updated regulations under Section 508 standards now incorporate WCAG 2.0, and for purposes of this agreement WCAG 2.0 Level AA compliance is expressly included. Contractor agrees to promptly respond to, resolve and remediate any complaint regarding accessibility of products or services in a timely manner and provide an updated version to University at no cost. If deficiencies are identified, University reserves the right to request from Contractor, a timeline by which accessibility standards will be incorporated into the products or services provided by Contractor and shall provide such a timeline within a commercially reasonable duration of time. Failure to comply with these requirements shall constitute a material breach of this Agreement and may be grounds for termination of this Agreement.

Where any customized web services are provided, Contractor represents that it has reviewed the University's Web Policy and all products or services will comply with its published standards.

Contractor will provide University with a current Voluntary Product Accessibility Template (VPAT) for any deliverable(s). If none is available, Vendor will provide sufficient information to reasonably assure the University that the products or services are fully compliant with current requirements.

6.28 Printing Statutes

Not applicable.

6.29 Requirement for Contract Administration Fee

Not applicable.

6.30 Payment Terms

The University adheres to a strategic approach regarding payables management based on risk minimization, processing costs, and industry best practices. As such, suppliers and individuals doing business with the University will be paid based on the following protocol:

1. The University utilizes Payment Plus (e-payables) as its primary default form of payment. By enrolling in Payment Plus, suppliers can receive payments immediately (all invoices will be

paid immediately upon confirmation of goods receipt and invoice). The process is electronic and the supplier receives real-time payment notices. Additional information regarding Payment Plus (and enrollment form) can be found at: <https://www.uky.edu/ufs/payment-plus-supplier-enrollment-form>.

2. Payments by check. Payment terms for check payments are Net-30.
3. Individuals receiving payments from the University that require ACH direct payments will only be processed under special circumstances as approved by the Controller's office. Payment terms for ACH are Net-30.
4. Also see Exhibit A – General Conditions, Article 30 for additional information.

7.0 SCOPE OF SERVICES

7.1 Detailed Services Defined

Scope of Work:

The Job Order Contract (JOC) is an indefinite quantity contract pursuant to which the Contractor will perform a variety of projects, consisting of specific construction tasks, at different locations. The scope of the General Contractor JOC Contract is for improvements, renovation, remodel, and other repetitive related work to be performed for the University of Kentucky. Coordination of subcontractors is a significant requirement under the General Contractor JOC Contract. The HVAC, Electrical, Plumbing, Paving, and Roofing JOC Contracts are intended for projects where a single trade accounts for a majority of the scope of work. Coordination of subcontractors is still required, but it is anticipated that fewer subcontractors will be needed for this work. These projects will be focused on the buildings and infrastructure located on the University of Kentucky Campus and surrounding areas located in Kentucky.

The University will utilize a Unit Price Book (UPB) containing a series of tasks with preset Unit Prices. The UPB has accounted for experienced labor rates and high-quality materials. The Contractor will propose Adjustment Factors to be applied to the Unit Prices. The price of an individual project will be determined by multiplying the present Unit Prices and the appropriate quantities by the appropriate Adjustment Factor.

To view the Unit Price Book utilized for this contract refer to Exhibit J. Please reference these documents in regard to the pricing used for this contract.

The scope of work for the Contract will be determined by the Detailed Scope of Work (Drawings, Meeting Minutes, Specifications, Photos, etc.) issued in connection with individual Job Orders. The scope of work, for each project will be explained to the Contractor at a Joint Scope Meeting. The University will provide a Request for Job Order Proposal and Detailed Scope of Work for each project to the Contractor. The Contractor will be required to review the Detailed Scope of Work and develop and submit a Price Proposal within the time frame specified in the RTOP while using appropriate tasks, quantities, and the applicable Adjustment Factor. The University will review the Contractor's Proposal in detail and, if found to be reasonable and acceptable, a Job Order may be issued. The agreed upon price will be a fixed price for the performance of the Detailed Scope of Work. Should a proposal be found not acceptable, the proposal will be returned with notes to the contractor for revision and resubmission within the timeframe specified by UK.

Additionally, Job Order's for work within the University's Healthcare Facilities has special requirements. Refer to Exhibit C – Medical Center Project Manual.

JOC System License:

The University selected Facility Optimization Solutions' (FOS of CannonDesign) Simplebid® Job Order Contracting (JOC) Platform, including the Simplebid® Software and Unit Price Book for their JOC program. The Simplebid® Platform shall be used by the Contractor solely for the purpose of fulfilling its obligations under this Contract, including the preparation and submission of Job Order Proposals, Price Proposals, subcontractor lists, and other requirements specified by the University. Awarded contractors will be provided with a license to use the Simplebid® platform at no cost. Awarded contractors' use of the Simplebid® Platform is subject to the terms and conditions of the Simplebid® End User License Agreement (EULA) which is included with the Contract specifications as Exhibit I.

8.0 FINANCIAL OFFER

8.1 Mandatory Services (Section 7.1)

Offerors are instructed to complete and submit Exhibit H – Adjustment Factor Sheet as their financial proposal.

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FOR CONSTRUCTION BY A GENERAL CONTRACTOR
University of Kentucky
Capital Construction Division

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**GENERAL CONDITIONS OF THE CONTRACT
FOR CONSTRUCTION BY A GENERAL CONTRACTOR**

**University of Kentucky
Capital Construction Division**

These General Conditions are binding upon the General Contractor and all Sub-contractors as each are subject to the provisions contained herein.

ARTICLE 1 - DEFINITIONS

1.1 Wherever used in these General Conditions or in other Contract Documents, the following terms have the meaning indicated which are applicable to both the singular and plural thereof:

1.1.1 ARCHITECTS SUPPLEMENTAL INSTRUCTIONS (ASI) - The term "ASI" means a written order issued by the Consultant that clarifies or interprets the Contract Documents, that orders minor changes in the Work, that does not require an adjustment in either cost or time, and that does not require a Change Order

1.1.2 BUSINESS DAY – The term "Business Day" means a Calendar Day that is not a Saturday, Sunday or legal holiday in Fayette County, Kentucky.

1.1.3 CALENDAR DAY - The term "Calendar Day" means a day of twenty-four hours measured from midnight to the next midnight.

1.1.4 CHANGE ORDER - The term "Change Order" means a written order to the General Contractor, signed by the Owner and issued after the execution of the Contract, directing a change in the Work or an adjustment in the Contract Amount or the Contract Time. A Change Order may be an agreed change by the General Contractor and the Owner or it may be a unilateral change by the Owner.

1.1.5 CONSULTANT - The term "Consultant" means the person and/or entity, whether singular or plural, either Architect, Engineer or other Consultant, who is or are identified as such in the Contract Documents.

1.1.6 CONTRACT - The term "Contract" means the Contract between Owner and General Contractor and consists of all Contract Documents as defined in Article 1.1.8 of these General Conditions.

1.1.7 CONTRACT AMOUNT - The term "Contract Amount" means the sum stated in the Agreement which represents the total amount payable by the Owner to the General Contractor for the performance of the Work under the Contract Documents, plus or minus adjustments as provided for in the Contract Documents or by approved Change Orders.

1.1.8 CONTRACT DOCUMENTS - The "Contract Documents" include the Agreement of Contract between the Owner and the General Contractor (the "Agreement"); the General Conditions; the Special Conditions; the General Contractor's Form of Proposal; the General Contractor's Bonds; the Specifications, Drawings and Addenda for the construction of the Project; and any Change Orders issued after execution of this Contract. The Contract Documents shall not be construed to create a contractual relationship of any kind between the Owner and any Sub-contractor, or any person or entity other than the General Contractor. Documents not included or expressly contemplated in this Article do not, and shall not, form any part of the Contract for Construction. Without limiting the generality of the foregoing, shop drawings and other submittals from the General Contractor or its

Sub-contractors and suppliers do not constitute a part of the Contract Documents. Except as otherwise provided, where these Contract Documents obligate the General Contractor to certain responsibilities or require the General Contractor to perform certain actions, the General Contractor may require these same responsibilities and/or actions of one or more Sub-contractors. However, assignment of such responsibilities or actions to one or more Sub-contractors shall not be construed to relieve the General Contractor of its obligation to the University under this contract.

1.1.9 CONTRACT TIME - The term "Contract Time", unless otherwise provided, means the specified number of consecutive Calendar Days following the stipulated commencement of the Work as stated in the Work Order, plus or minus adjustments as provided for by approved Change Orders, within which the General Contractor shall complete the Work required by the Contract and shall achieve certification of substantial and final completion.

1.1.10 GENERAL CONTRACTOR or (GC) - The term "General Contractor" or "GC" means the person or entity who will or has entered into a contract with the Owner that assumes the risk for construction of the Project as the general contractor, and who will provide consultation and collaboration regarding the construction during and after design of the Project. The GC shall execute and hold all construction Sub-contracts and Purchase Orders for the Project.

1.1.11 KRS REFERENCES - Reference to "KRS" means the "Kentucky Revised Statutes" adopted by the Commonwealth of Kentucky, including all laws that may have been revised, amended, supplemented or new laws enacted.

1.1.12 OWNER - The term "Owner" means the University of Kentucky, a statutory body corporate existing pursuant to Sections 164.100 et seq. of the Kentucky Revised Statutes.

1.1.13 PROJECT - The term "Project" means the total construction of the Work performed under the Contract Documents, which may be the whole or a part, and which may include construction by the Owner or by separate contracts.

1.1.14 PROJECT MANAGER - The term "Project Manager", when used alone, means the Owner's representative responsible for administration and management of the Project. The Owner's Project Manager during construction shall be the designated University of Kentucky Capital Projects Management Project Manager that is in charge of the Project. The term "General Contractor's Project Manager" or "GC Project Manager" means the individual employed by the General Contractor who is assigned to the Project to provide overall management during both the design and construction phases of the Project, and who has total responsibility for the successful completion of the Project

1.1.15 PROVIDE - The term "Provide," as used throughout the specifications, shall mean furnish, install and pay for.

1.1.16 SHOP DRAWINGS - The term "Shop Drawings" means drawings, diagrams, schedules, and other data specially prepared for the Work by the General Contractor or any Sub-contractor, manufacturer, supplier, or distributor to illustrate some portion of the Work.

1.1.17 SUBSTANTIAL COMPLETION - The term "Substantial Completion" is the point at which, as certified in writing by the Owner, a project is at the level of completion, in strict compliance with the contract, where (a) necessary approval by public regulatory authorities (and by other authorities having jurisdiction or as identified in Article 11.2, as necessary) has been given; (b) the Owner has received all required warranties and documentation, and (c) the Owner may enjoy beneficial use or

occupancy and may use, operate, and maintain the project in all respects, for its intended purpose. Partial use or occupancy shall not necessarily result in the project being deemed substantially complete and shall not be evidence of Substantial Completion. In order for the Owner to enjoy beneficial use or occupancy and use, operate, and maintain the project in all respects, for its intended purpose, the stage or progress of the Work or a designated portion thereof shall be sufficiently complete, accessible, operable and usable, and all parts, systems and site Work shall be 100% complete, cleaned and available for the Owner's full use without interruption in accordance with the Contract Documents, including but not limited to the provisions of Article 28 of these General Conditions. The Work will not be considered acceptable for Substantial Completion review until all Project systems included in the Work are operational as designed and scheduled, all designated or required governmental inspections and certifications have been made and approvals provided to the Owner, designated instruction of the Owner's personnel in the operation of systems has been completed, and all final finishes within the Contract Documents are in place. In general, the only remaining Work shall be minor in nature so that the Owner and/or the Owner's tenants could occupy the Project on that date and the completion of the Work by the General Contractor would not materially interfere or hamper the Owner's or the Owner's tenants' normal business operations. As a further condition of Substantial Completion acceptance, the General Contractor shall certify in writing that all remaining Work, the same being solely of a "punch list" nature, will be completed within thirty (30) consecutive Calendar Days following the date of Substantial Completion.

1.1.17.1 The parties agree that "substantial completion" as defined in Article No. 2 of the Agreement and Article 1 of the General Conditions, as extended by approved Change Order(s) pursuant to Article 18.1 of the General Conditions, shall be the "date of completion specified in the contract" for purposes of KRS. 45A.250(2).

1.1.18 SUB-CONTRACTOR - The term "Sub-contractor" means the person, company, corporation, joint venture or other legal entity with whom the General Contractor has executed a Contract for a portion of the Work.

1.1.19 WORK - The term "Work" means the scope of construction and services required by the Contract Documents and all approved Change Orders, whether completed or partially completed, and includes all other labor, materials, equipment, and services provided or to be provided by the General Contractor to perform and complete the General Contractor's obligations under the Contract in an expeditious, orderly and workmanlike manner. The Work may constitute the whole or a part of the Project.

1.1.20 WORK ORDER - The term "Work Order" means a written notice by the Owner to the General Contractor authorizing the General Contractor to commence Work under the Contract and establishing the beginning date from which the time for Substantial and Final Completion shall be established.

1.1.21 UNIT PRICE - The term "Unit Price" means the amount per unit of measurement for materials or services as described in the bid documents.

ARTICLE 2 - CONSULTANT

2.1 The Consultant will be the Owner's representative during construction and until the Work is complete. The Consultant will advise and consult with the Owner. The Owner's instructions to the General Contractor may be forwarded through the Consultant.

2.2 The Consultant will regularly, but no less frequently than monthly, visit the site to become familiar with the progress of the Work, the quality of the Work being provided and to determine if the

Work is proceeding in accordance with the Contract Documents. On the basis of these on-site inspections, the Consultant will inform the Owner of the progress of the Work, will advise the Owner of any defects and deficiencies observed in the Work and, when appropriate, will certify to the Owner that the Work in place equals or exceeds the amount requested by the General Contractor on all applications for progress payments.

2.2.1 If applicable for the Work, the Consultant will verify to the Owner that the General Contractor is performing erosion prevention and sediment control inspections as required by the Kentucky Division of Water Construction General Permit (KYR10) at least once every 7 days and shall include the findings in the site visit reports.

2.3 The Consultant will be the interpreter of the requirements of the drawings and specifications and any changes made to the drawings and specifications.

2.4 Claims, disputes, and other matters in question that arise relating to the execution or the progress of the Work shall be referred in writing to the Consultant by the General Contractor. The Consultant will provide a response in accordance with and subject to the provisions of Article 38 of these General Conditions

2.5 The Consultant will have the authority to reject Work which does not conform to the Contract Documents or to the required level of quality and performance.

2.6 The Consultant will review and approve, or take other appropriate action upon receipt of the General Contractor's submittals such as Shop Drawings, product data, and samples. The review of submittals will be for general conformance with the design concept of the work, and for compliance with the information provided by the Contract Documents. Such review will not relieve the General Contractor of any responsibility for errors or omissions in submittals, and will in no way constitute a waiver of or change to the requirements of the Contract Documents.

2.6.1 The Consultant's review and response will be completed with reasonable promptness with a goal of ten (10) business days or less. The Consultant's review of a specific item shall not indicate approval of an assembly of which the item is a component.

2.7 The Consultant will prepare Change Orders for the Owner to direct changes in the Work. Minor changes in the Work, not involving modifications to the contract cost or completion times and that are consistent with the purpose of Work, may be directed by the Consultant through Architectural Supplemental Instructions (ASI).

2.9 When requested by the General Contractor, the Consultant will conduct inspections to determine if the Project is at the level of completion required by and in strict compliance with the Contract such that the Owner may enjoy beneficial use or occupancy and may use, operate, and maintain the project in all respects, for its intended purpose, as further defined in the Contract. If the level of completion warrants, the Consultant will confirm that all necessary approvals by public regulatory authorities or other authorities having jurisdiction have been given, will confirm that the Owner has received all required warranties and documentation, will recommend dates for certification of Substantial Completion and Final Completion by the Owner, and will complete and submit the Notice of Termination of coverage under the KPDES General Permit for Storm Water Discharges Associated with Construction Activity.

2.10 The General Contractor will accept direction for the Work on the Project only from the Owner's Project Manager or from the Consultant. Requests for information from the General Contractor shall be directed to the Consultant.

ARTICLE 3 - CORRELATION AND INTENT OF CONTRACT DOCUMENTS

3.1 Execution of the Contract by the General Contractor is a representation that the General Contractor has or shall thoroughly and carefully examine the site of the of Work; shall timely investigate all conditions which can affect the Work or its cost, including but not limited to availability of labor, materials, supplies, water, electrical power, roads, access to the site, uncertainties of weather, water tables, the character of equipment and facilities needed to perform the Work, and local conditions under which the Work is to be performed; and further, that the General Contractor shall insure that the documents issued for bidding by Sub-contractors reflect the results of this investigation and are adequate to complete the Work. It is the responsibility of the General Contractor to be familiar with and comply with all Federal, State, and local laws, ordinances, and regulations which might affect those engaged in the Work, and to be familiar with the materials, equipment, or procedures to be used in the Work, or which in any other way could affect the completion of the Work. The General Contractor shall carefully study and compare the Contract Documents with each other and with other information provided to the General Contractor by the Consultant or the Owner pursuant to the Contract Documents and shall notify the Owner and the Consultant in writing of any errors, inconsistencies or omissions in the Contract Documents recognized by the General Contractor. Any failure to properly familiarize itself with the proposed Work shall not relieve the General Contractor from the responsibility for completing the Work in accordance with the Contract Documents.

3.2 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the General Contractor. Labor or materials which are reasonably inferable from the Contract Documents and which are necessary to produce the desired result, even though not specifically mentioned in the Contract Documents, shall be included in the Work at no additional cost to the Owner.

3.3 In the event a question arises regarding the meaning or intent of the Contract Documents, the General Contractor shall report it by preparing an RFI in eCommunication® to the Consultant. The Consultant shall furnish, with reasonable promptness and with a goal of three (3) business days and by whatever means as may be appropriate, additional instructions necessary for the proper execution of the Work. All such drawings and instructions shall be consistent with the Contract Documents, true developments thereof, and reasonably inferable therefrom. The Work shall be executed in conformity therewith and the General Contractor shall do no Work without proper drawings and instructions. Items indicated on drawings as "N.I.C." or "Not In Contract" are shown for explanation purposes only and are not to be included in this Contract.

3.4 The Contract Documents are complementary, and what is required by one shall be binding as if required by all. In case of conflicts between the various documents, the order of precedence will be as follows: (1) Addenda, (2) Special Conditions, (3) General Conditions, (4) Technical provisions of the Specifications and (5) Drawings.

3.5 Any notice to the General Contractor from the Owner regarding this Contract shall be in writing and delivery and service of such notice shall be considered complete when sent by certified mail to the General Contractor at General Contractor's last known address. Such notice may also, at the Owner's election, be hand-delivered to the General Contractor or the General Contractor's authorized representative.

ARTICLE 4 - PRE-CONSTRUCTION CONFERENCE

4.1 Following the execution of the Contract, a pre-construction conference will be held. Representatives of the Capital Project Management Division, Consultant, General Contractor, and all

major Sub-contractors shall be present to discuss the time for construction, methods and plan of operation, authority of the Consultant, procedures for handling shop drawings, progress estimates and requests for payments, and other relevant issues. The time and location of this meeting will be the responsibility of the General Contractor in consultation with the Consultant, Owner and other interested parties.

4.2 Environmental aspects of the project, including erosion prevention and sediment control (EPSC) and storm water management shall be discussed during this conference. The Group shall discuss the Storm Water Pollution Prevention Plan (SWPPP) to ensure that all parties understand the requirements. During this meeting the responsibility for reading the rain gage on a daily basis will be established. The Contractor will identify the initial measures to be installed prior to land disturbing activities beginning. Any modifications to the SWPPP due to constructability issues should be discussed at this conference.

ARTICLE 5 - SHOP DRAWINGS

5.1 The General Contractor shall submit a shop drawing and product sample submittal schedule to the Consultant establishing dates for the submission of Shop Drawings and product samples prior to the submittal of the General Contractor's first application for payment for construction phase services. The schedule shall have been coordinated with all Sub-contractors and material suppliers as well as the General Contractor's construction schedule and shall allow for adequate and reasonable time for review of the samples and submittals by the Consultant. The General Contractor shall be responsible for compliance with the submittal schedule and shall insure that the Submittal Schedule is maintained in order to accurately reflect the status of processing all required submittals.

5.2 The General Contractor shall review product samples and shop drawings for compliance with the requirements of the Contract Documents, and shall submit them to the Consultant in accordance with submittal procedure and schedule established. The General Contractor's review and submittal to the Consultant of any shop drawing or sample shall constitute a representation to the Owner and Consultant that a) the General Contractor has determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data, or assumes full responsibility for doing so, and that b) each shop drawing or sample has been reviewed or coordinated with the requirements of the Work and the Contract Documents. Shop drawings and submittal requirements shall not be deemed satisfied until approvable documents are received by the Consultant. Incorrect or incomplete submittals will be returned to the General Contractor without action. No claim for additional time or extension of the contract will be considered if such claim is the result of failure by the General Contractor to provide correct, accurate, complete and approvable submittals.

5.3 The Consultant will review submittals with reasonable promptness, and take appropriate action or return submittals to the General Contractor for corrections as may be required. The General Contractor shall make any corrections required by the Consultant for compliance with the Contract and shall return the required number of corrected copies of shop drawings and resubmit new samples until approved. The General Contractor shall direct specific attention, in writing, or on resubmitted shop drawings, to revisions other than the corrections called for by the Consultant on previous submissions.

5.4 Where a shop drawing or sample submission is required by the specifications, no related Work shall be commenced until the submission has been accepted in writing by the Consultant. The review and acceptance shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The acceptance of a separate item will not indicate acceptance of the assembly in which the item functions. A copy of each accepted

shop drawing and product sample shall be kept in good order by the General Contractor at the site and shall be made available to the Consultant on request.

5.5 The Consultant's acceptance of Shop Drawings or samples shall not relieve the General Contractor from the responsibility for any deviations from the requirements of the Contract Documents unless the General Contractor has in writing called the Consultant's attention to such deviation at the time of submission and the Consultant has given written approval to the specific deviation. Any acceptance by the Consultant does not relieve the General Contractor from responsibility for errors or omissions in the Shop Drawings.

ARTICLE 6 - LAYING OUT WORK

6.1 The General Contractor will secure all data at the site of the building such as grades of lot, convenience of receiving and sorting material, location of public services, and other information which will have a bearing proposals or on the execution of the Work and shall address these issues in the preparation of scopes of work for the Subcontract bid packages. No allowance shall be made for failure of the General Contractor to obtain such site information prior to submitting their proposal or to include such information in the Subcontract bid packages, and no adjustment to the General Contractor's Contract amount or stipulated time for completion shall be allowed when due to failure by the General Contractor to do so.

6.2 The General Contractor shall be responsible for all lines, levels and measurements of all Work executed under the Contract. The General Contractor shall verify the figures before laying out the Work and will be held responsible for any error resulting from failure to do so. Working from lines and levels established by the property survey or by other Contract Documents, and as shown in relation to the Work, the General Contractor will establish and maintain bench marks and other dependable markers to set lines and levels for Work at each area of construction and elsewhere on the site as needed to properly locate each element of the entire Project. The General Contractor shall calculate and measure from the bench marks and dependable markers required dimensions as shown (within recognized tolerances if not otherwise indicated), and shall not scale drawings to determine dimensions. The General Contractor shall advise Sub-contractors and trades persons performing Work of marked lines and levels provided for their use in layout work. The General Contractor shall verify layout information shown on drawings as required for the Work.

6.3 The General Contractor shall be responsible for coordination of the installation of all elements of the Work, including preparation of coordination drawings if required by the Contract Documents or deemed necessary by the General Contractor for performance of the Work.

6.4 If any encroachments are made by the General Contractor or any Sub-contractor on any adjacent property, the General Contractor shall, at the General Contractor's expense, and within thirty (30) Calendar Days after written notice from the Owner or the Consultant, correct any encroachments and obtain approval from the owner of such adjacent property for any encroachments that cannot be feasibly corrected. The General Contractor shall not be entitled to any adjustment to the Contract Amount or the Contract Time as a result of any such encroachment or the correction thereof.

ARTICLE 7 - PLANS, DRAWINGS, SPECIFICATIONS AND RECORD DRAWINGS

7.1 Unless otherwise provided in the Contract Documents, the Owner will furnish the General Contractor free of charge one electronic or reproducible copy of the Drawings and Specifications for execution of the Work. The General Contractor shall pay for the cost of duplication of all sets required over and above this amount.

7.2 The cost of additional plans, specifications and official contract documents for use by Sub-contractors for bidding and for construction shall be borne by the General Contractor or by the Sub-contractors. Arrangements for orders and payment for plans, specifications and other contract documents must be made with Lynn Imaging, Lexington, Kentucky (<http://www.ukplanroom.com>) or by phone at 1.800.888.0693 or 859.255.1021) before a set of documents will be issued.

7.3 The General Contractor shall keep one copy of all Contract Documents, including Drawings, Specifications and Shop Drawings on the site, in good order. A qualified representative of the General Contractor shall record on these documents, from day to day as Work progresses, all changes and deviations from the Contract Documents. Prior to Substantial Completion, the General Contractor shall complete and turn over to the Consultant the As-Built drawings, with a digital copy (in PDF format) submitted to the Owner simultaneously. The As-Built drawings shall consist of a set of drawings which indicate all field changes that were made to adapt to field conditions, changes resulting from Change Orders and all concealed and buried installations of piping, conduit and utility services. All buried and concealed items, both inside and outside the facility, shall be accurately located on the As-Built drawings as to depth and in relationship to not less than two permanent features such as interior or exterior wall faces. The As-Built drawings shall be clean and all changes, corrections and dimensions shall be given in a neat and legible manner in a contrasting color. For any changes or corrections in the Work which are made subsequent to the Substantial Completion Inspection, revisions shall be made to the As-Built drawings and submitted to the Consultant prior to final payment. Approval of the final payment request shall be contingent upon compliance with these provisions.

7.4 All drawings, specifications and copies thereof, furnished by the Consultant to the Owner, are the property of the University of Kentucky. They shall not be used by the Consultant, General Contractor, or any Sub-contractor or Supplier on any other Project.

ARTICLE 8 - TEMPORARY UTILITIES

8.1 The General Contractor shall provide and pay for, unless modified in the Special Conditions, all temporary conveniences including, but not limited to, wiring, lighting, power and electrical outlets, heat, water, and sanitary facilities required for construction. In the event the Owner elects to make available, at no cost to the General Contractor, the electric power required for construction activities, the electric power supplied shall not be utilized as a means to provide temporary heat or for welding.

8.2 The General Contractor is responsible for paying all utility costs, whether the costs are from an outside utility company or from the University, for utility services used in the course of completing the Work. The General Contractor shall provide temporary heating, ventilation, telephones, water, electricity, portable gas, lighting for the Work, safety lighting, security lighting, and trash removal/dumpster service for both General Contractor and Sub-contractor use during the Project. Work and safety lighting shall be provided continuously during working hours. Security lighting shall be provided at all hours of darkness.

ARTICLE 9 - MATERIALS, EQUIPMENT, APPLIANCES, AND EMPLOYEES

9.1 Unless otherwise provided in the Contract Documents, the General Contractor shall provide and pay for all materials, labor and personnel, tools, equipment, construction equipment and machinery, utilities, supplies, appliances, transportation, taxes, temporary facilities, licenses, permits and all other facilities and incidentals necessary for the furnishing, performance, testing, start-up and the proper execution and completion of the Work safely, without damage to persons and property, and in compliance with all applicable law. The General Contractor shall furnish, erect, maintain, and

remove at the completion of the Contract, all temporary installations as may be required during the construction period.

9.2 Immediately following the execution of each of the sub-contracts, the General Contractor shall determine the source of supply for all materials required under that sub-contracts and the length of time required for their delivery, and shall assure that orders are placed for such materials in sufficient time to assure delivery to the site so that such materials are available to be incorporated into the Work when needed to comply with the schedule of Work.

9.3 The General Contractor shall immediately notify the Consultant in writing of any known problems with the procurement, fabrication or ordering of any materials. Unless changes are approved in writing by the Consultant, the General Contractor will not be excused for delays in securing materials specified.

9.4 The General Contractor or Sub-contractors shall not place purchase orders or issue contracts for materials, supplies, equipment and services necessary to complete this Project using the name of the University of Kentucky. All orders placed by the General Contractor that are related to this Project must use the name of the General Contractor or Sub-contractor placing the order. The use of the University of Kentucky's name for ordering purposes is strictly prohibited. Payment for all goods and services required for the completion of the Work is the sole responsibility of the General Contractor. Any invoices received at the University that are related to this Project will be immediately forwarded to the General Contractor. Copies of these invoices will be made and placed in the General Contractor's file and proof must be provided that these invoices have been paid in full prior to the processing of the next scheduled application for progress payment.

9.5 The route for delivery of all materials to the Project shall be coordinated with the Owner's Project Manager.

9.6 The General Contractor shall be responsible for the proper and adequate storage of materials and equipment. Unless otherwise provided in the Contract Documents, all materials shall be of good quality and new. Workmanship and materials supplied and incorporated into this Work shall be of first quality. The General Contractor, if required, shall furnish satisfactory evidence as to the kind and quality of materials.

9.7 The General Contractor shall at all times enforce strict discipline and good order among all employees and Sub-contractors. The conduct of all individuals performing Work or operations related to the Work is the responsibility of the General Contractor. The consumption of alcohol or drugs on the job by any workers is strictly prohibited. Any individual apprehended under the influence of alcohol or drugs on the premises at any time shall be subject to automatic removal from the Project by the General Contractor, the Consultant or the Owner. Improper conduct of any kind will not be permitted and may result in the offending individual, Sub-contractor or General Contractor being barred from the Owner's premises. The General Contractor shall not permit the employment on the Project of any person unfit or not skilled in the Work assigned.

ARTICLE 10 - ROYALTIES AND PATENTS

10.1 The General Contractor shall pay all royalties and license fees. If a particular process, product or device is specified in the Contract Documents and it is known to be subject to patent rights or copyrights, the existence of such rights shall be disclosed in the Contract Documents and the General Contractor is responsible for payment of all associated royalties. The General Contractor hereby agrees to indemnify, defend and hold the Owner, and any subsidiary, parent, or affiliates of the Owner, or other persons or entities designated by the Owner, and their respective directors, officers, agents,

employees and designees (collectively, the “Indemnities”) harmless from all losses, claims, liabilities, injuries, damages and expenses, including attorneys’ fees and legal expenses, that the Indemnities may incur as a result of the General Contractor’s failure to strictly comply with its obligations under this Paragraph 10.1.

ARTICLE 11 - SURVEYS, PERMITS, REGULATIONS, AND STANDARD CODES

11.1 The Owner will furnish only such surveys that are specifically required by the Contract Documents. Approvals, assessments, and easements for permanent structures or permanent changes in existing structures shall be secured and paid for by the Owner, unless otherwise specified. All required utility tap-on fees shall be secured and paid for by the General Contractor, or included in a sub-contract, including the Lexington-Fayette Urban County Government (LFUCG) sewer tap-on fee. All construction permits, where required by local ordinances, except excavation permit, shall be obtained by the General Contractor, but no fee shall be charged to or paid by the General Contractor as the Owner is exempt from such charges. A Contractor's license fee for doing business in the locale, if applicable, shall be paid for by the General Contractor.

11.2 All branches of Work shown on the plans and specifications shall be executed in strict compliance with all state and federal regulations and codes, with all national codes, and with the requirements of both ADA and JCAHO when applicable.

11.3 The Contractor, on projects disturbing 1 acre or more, or projects less than 1 acre that are part of a large common development plan, including grading, clearing, excavation, material laydown or other earth moving activities, shall assure full compliance with the requirements of the KYR10 and shall:

11.3.1 File a Notice of Intent (KPDES FORM eNOI-SWCA) with the Kentucky Division of Water and copy the UKCPM Project Manager and Water Quality Manager prior to the start of any excavation, grading or site development work.

11.3.2 The permittee (contractor) shall develop a Stormwater Pollution Prevention Plan (SWPPP) based on the Erosion Prevention and Sediment Control Plan (EPSC) as a minimum design standard. Ensure all requirements of KYR10 are fully addressed in the SWPPP. **Once the SWPPP is written, forward a copy to the Capital Projects Project Manager and to the Water Quality Manager for approval. Work cannot begin until SWPPP is approved and permit coverage obtained.**

11.3.3 Install BMP’s such as, basins, traps, drainage, and sediment barriers before beginning land disturbing activities, including the construction entrance/exit. Once prevention measures have been installed, grading can commence. In the event a new construction entrance is added to the site, this new entrance must be built according to the EPSC design details with a wheel wash, a water supply and a sediment catch basin for washed wheel sediment.

11.3.4 Maintain all measures in working condition. Perform maintenance activities identified during inspections prior to the next rain event. Remove sediment from BMPs when 1/3 the storage volume has been filled.

11.3.5 Stabilize disturbed areas within 14 days of inactivity or reaching final grade on any portion of the site according to permit requirements.

11.3.6 Inspect the site every 7 calendar days and after each rainfall of ½” or more. Document site conditions, rainfall, maintenance activities needed and performed, stabilization needed and performed, and where new measures are needed. Discuss deficiencies with UK Project Manager and Water Quality Manager and note on the SWPPP Inspection Sheets.

Per the KPDES Permit, Section 2.1.7. “Inspections – Permittee Conducted”. “Inspections shall be performed by personnel knowledgeable and skilled in assessing conditions at the construction site that could impact storm water quality and assessing the effectiveness of erosion prevention measures, sediment control measures, and other site management practices chosen to control the quality of the storm water discharges. Inspectors shall have training in storm water construction management such as Kentucky Erosion Prevention & Sediment Control (KEPSC), Certified Professional in Stormwater Quality (CPSWQ), Certified Erosion, Sediment and Stormwater Inspector (CESSWI), or other similar training.”

Inspections shall include a tour of the total site and verification that all BMPs are performing as constructed. Inspector shall certify that all observations are correct as stated and sign and date the inspection form.

11.3.7 Keep Permit, SWPPP, weekly/rain event inspections sheets in binder in construction trailer. Any BMP change/alteration from SWPPP and EPSC plan must be noted on the EPSC and SWPPP.

11.3.8 No soil and sediment shall leave the construction site. BMPs shall be repaired immediately if failure has occurred. No Mud shall be permitted on any street. All entrances/exits shall have a means by which to wash wheels. If an entrance/exit does not have a wheel wash, that exit shall not be used in muddy conditions. If for any reason mud is tracked offsite, the area must be cleaned in such a way as to prevent sediment from entering the storm sewer system. The use of tractor brooms solely will not be permitted.

11.3.9 When it is necessary to dewater an excavation, proper BMPs must be implemented. Dewatering filter bags must be sized and used according to manufacturer’s requirements and Standard Operating Procedures for Dewatering Bags.

11.3.10 UK (the MS4) routinely inspects sites for compliance with the EPSC/SWPPP. Any deficiencies noted become record for the Kentucky Division of Water and shall be remedied/installed as soon as site conditions are favorable but no more than 7 days from the inspection date.

11.3.11 At the conclusion of the project and all bare areas, slopes and ditches are 70% vegetated with the permanent ground cover, the contractor shall notify the UK Project Manager and Water Quality Manager and request a final site inspection prior to filing a “Notice of Termination (NOT) with the state. This inspection verifies that Construction BMPs can be removed, and Post-Construction BMPs are in place and functioning.

11.3.12 Failure of the site contractor (permittee of the KPDES Permit) to timely comply with requirements of KPDES, the Construction Manager shall inform the site contractor that a third party contractor shall be retained to remediate all BMP deficiencies immediately, and all third party costs shall be passed to the permittee of the KPDES Permit. Any fines or other costs resulting from failure to comply, levied against the Owner will be assessed against the Construction Manager’s or General Constructor’s funds.

11.3.13 Refer to 334000S01 STORM DRAINAGE UTILITIES – Information for Consultants & Contractors.

11.3.14 Reference to standards, codes, specifications, and regulations refer to the latest edition of printing in effect at the date of issue shown in the Contract Documents unless another date is implied by the suffix number of the standard.

11.4 Reference to standards, codes, specifications, and regulations refer to the latest edition of printing in effect at the date of issue shown in the Contract Documents unless another date is implied by the suffix number of the standard.

11.5 The General Contractor shall furnish a final occupancy permit from the proper agency or agencies as required.

11.5 The General Contractor shall, by provision within each applicable sub-contract or by inclusion in the lump sum fee proposed to the Owner, insure the payment of all sales, consumer, use and similar taxes for materials, equipment and supplies incorporated into the Work, by unless otherwise specified in the bid documents.

ARTICLE 12 - PROTECTION OF WORK, PROPERTY, AND PUBLIC

12.1 The General Contractor shall continuously maintain adequate protection of all Work from damage and shall protect the Owner's property from injury or loss arising in connection with this Contract. Except as otherwise covered by Builder's Risk insurance, the General Contractor shall pay for any such damage, injury, or loss, except such as may be directly due to errors in the Contract Documents or caused by agents or employees of the Owner. The General Contractor shall adequately protect adjacent property as provided by law and the Contract Documents.

12.2 In an emergency affecting the safety of life, or of the Work, or of adjoining property, the General Contractor, without special instruction or authorization from the Consultant or the Owner, is obligated to act to prevent such threatened damage, loss or injury.

12.3 The General Contractor shall maintain fire protection as required by the Kentucky Building Code. Access to the Project site and surrounding buildings for local fire truck access must be maintained during construction. The General Contractor shall maintain construction to allow access to new, existing or temporarily relocated standpipes, fire hydrant connections and fire alarm communication panels pursuant to Section 3018.8 of the Kentucky Building Code. If the General Contractor utilizes the Owner's fire protection equipment, the General Contractor shall replace any such materials lost, consumed or misplaced during the Contract period. The General Contractor is responsible for any false alarms caused by dust created in the Work area or dust traveling to areas beyond the Work area due to inadequate dust protection barriers. Should there be a need for any existing or newly installed fire alarm system, or parts of a system that requires service, to be removed from service or disconnected, prior approval must be obtained from the Owner and the General Contractor shall immediately provide alternate protection such as a fire watch until such systems are returned to full normal operations. When work or service is completed on a disabled fire alarm system, the Owner shall be immediately notified so the system can be placed in service.

12.4 The General Contractor and Sub-contractors are responsible for the security of their own materials, tools and equipment at the Project site.

12.5 The General Contractor shall provide to the Owner's Project Manager a key to General Contractor's field office or job trailer.

ARTICLE 13 - BLASTING

13.1 Blasting is not allowed unless permission is granted in the Special Conditions. Should blasting be allowed by the Special Conditions, it shall be completed in accordance with all laws, regulations, ordinances and instructions contained in the Special Conditions.

ARTICLE 14 - CONSTRUCTION AND SAFETY DEVICES

14.1 The General Contractor shall provide safety controls for protection of the life and health of employees and visitors. The General Contractor will utilize precautionary methods for the prevention of damage to property, materials, supplies, and equipment, and for avoidance of work interruptions in the performance of this Contract. In order to provide such safety control, the General Contractor shall comply with all pertinent provisions of the Kentucky Fire Prevention Code, Kentucky Building Code, Kentucky Labor Cabinet's Division of Occupational Safety and Health Program Construction Standards and Federal Occupational Safety and Health (Construction) Standards that are in effect at the time the Contract is entered into and during the period in which the Contract is to be performed.

14.2 The General Contractor shall provide a written safety program which includes all pertinent written specialty standards such as, but not limited to, Control of Hazardous Energy Sources (Lockout/Tagout), Hazard Communications Program, First Aid, Blood Borne Pathogen Program, Respirator Use Program and Hearing Conservation Program. The General Contractor shall require all Sub-contractors to have an effective written safety program or be required to follow the General Contractor's written safety program.

14.3 The General Contractor shall maintain an accurate record of and shall report to Kentucky Labor Cabinet's Division of Occupational Safety and Health in the manner and on the forms prescribed by that Division, exposure data and all accidents resulting in death, traumatic injury, occupational disease. The General Contractor shall maintain an accurate record of and shall report to the Owner's Project Manager, any damage to property, materials, supplies, and equipment incident to Work under this Contract.

14.4 The Kentucky Labor Cabinet's Division of Occupational Safety and Health may notify the General Contractor of any noncompliance with the foregoing provisions. The General Contractor shall, upon receipt of such notice, immediately correct the cited conditions. Notice delivered to the General Contractor or the General Contractor's representative at the site of the Work shall be deemed sufficient for this purpose. If the General Contractor fails or refuses to comply promptly, the Owner may issue an order stopping all or part of the Work until satisfactory or corrective action has been taken. Failure or refusal to comply with the order will be grounds for reducing or stopping all payments due under the Contract to the General Contractor. No part of the construction time lost due to any such stop order shall be cause for, or the subject of a claim for, extension of time or for additional costs or damages by the General Contractor.

14.5 The General Contractor or any Sub-contractor shall immediately contact the University of Kentucky's Department of Occupational Health and Safety through the Owner's Project Manager should they be selected for an inspection by the Kentucky Occupational Safety and Health Compliance Division.

14.6 Compliance with the provisions of the foregoing sections by Sub-contractors shall be the responsibility of the General Contractor.

14.7 Nothing in the provisions of this Article 14 shall prohibit the U.S. Department of Labor or the Kentucky Department of Labor Division of Occupational Safety and Health from enforcing pertinent occupational safety and health standards as authorized under Federal or State Occupational Safety and Health Standards.

14.8 The General Contractor shall take all necessary precautions for the safety of employees on the Work, and shall comply with all applicable provisions of federal, state, and municipal safety laws and building codes to prevent accidents or injury to persons on, about, or adjacent to the premises

where the Work is being performed. If the General Contractor or any Sub-contractor has questions related to the health or safety required by their written safety program, they should contact the Kentucky Labor Cabinet Occupational Safety and Health Program Division of Education and Training. The General Contractor shall designate a responsible member of the on-site Work force as the safety officer and shall report to the Consultant and to the Owner the name of the person selected. The duties of the safety officer include the enforcement of safety regulations.

ARTICLE 15 - HAZARDOUS MATERIALS

15.1 If the General Contractor encounters material reasonably believed to be or suspected to be asbestos containing material, lead, polychlorinated biphenyls (PCBs), fluorescent light bulbs and ballasts, mercury or other hazardous material, the following procedures must be followed:

15.1.1 The General Contractor shall immediately stop Work in the affected area and notify the Owner's Project Manager. The Owner's Project Manager will contact the Owner's Environmental Health and Safety unit to arrange for collection of samples, review of existing data, or other testing necessary to confirm the presence of hazardous materials. The Owner's Project Manager will notify the General Contractor in writing of the results. Until that notification is received, the Work must not continue in the affected area.

15.1.2 If the material is confirmed to be asbestos, lead, polychlorinated biphenyls (PCBs), fluorescent light bulbs and ballasts, mercury or other hazardous material, the Owner will take appropriate action to remove the material before the General Contractor can continue Work in the affected area.

15.1.3 The General Contractor shall not be required to perform any Work related to asbestos, lead, polychlorinated biphenyls, or other hazardous material. The General Contractor is advised that certain classes of building materials (thermal system insulation, sprayed or troweled surfacing materials, and resilient flooring) installed before 1981 are required by law to be treated as asbestos containing until proven otherwise. These presumed asbestos containing materials must not be disturbed without confirmation from the Owner that asbestos is not present.

15.2 The Owner, the General Contractor, and Sub-contractors will be under the requirements of the OSHA Hazard Communication Standard (29) CFR 1910.1200. The General Contractor and Sub-contractors must provide their own written Hazard Communication Program. The Hazard Communication Standard must include: (1) A list of the hazardous chemicals to which the General Contractor's employees may be exposed; (2) Statement of the measures that General Contractor's employees and Sub-contractors may take to lessen the possibility of exposure to the hazardous materials; (3) The location of and access to the MSDS's related to the hazardous chemicals located in the Work area; (4) Procedures that the General Contractor's employees and Sub-contractors are to follow if they are exposed to hazardous chemicals above the Permissible Exposure Limit (PEL). Material Safety Data Sheets (MSDS) may be reviewed upon request by the General Contractor or any Sub-contractor as they pertain to the Work areas of the Project. Photocopies of the MSDS's may be made by General Contractor at its expense.

15.3 The General Contractor and Sub-contractors shall provide the Owner with a list of any hazardous materials that will be used on the job site that may be exposed to the Owner's employees. The General Contractor and Sub-contractors shall provide the Owner with copies of Material Data Sheets for materials to be used.

15.4 It is the policy of the Owner that PCB containing equipment will be treated by the General Contractor and the Owner in a manner that conforms to the intent of all applicable laws and

regulations (primarily 40 CFR Part 761). The following procedures shall be followed by the General Contractor and Sub-contractors while present on the Owner's Project or other property: (1) Only authorized, trained personnel may inspect, repair, or maintain PCB transformers; and (2) No combustible materials may be stored within a PCB transformer room or within five meters of a PCB transformer. Such materials include, but are not limited to, paints, solvents, plastic, paper, and wood. The General Contractor shall not use rooms containing PCB transformers for storage rooms, staging areas, job site offices or break rooms. Violation of this policy may be grounds for dismissal of the offending General Contractor and/or Sub-contractor from the Project. All PCB transformers at the University of Kentucky are identified by a PCB label as defined in federal regulations. If the General Contractor should have a question as to the location of a PCB transformer, it should contact the Owner's Project Manager.

15.5 The General Contractor shall ensure that NO asbestos-containing materials (including but not limited to: drywall, joint compound, roof mastic and floor tile adhesive) will be install on any University project without prior written approval of the University's Environmental Health and Safety Division. Additionally, the General Contractor shall submit MSDS sheets and have prior approval before installing any materials that contains hazardous substances or could pose an environmental hazard. If any environmental hazardous materials are installed without written approval of the University, the General Contractor will be responsible for all material replacement cost, all removal and all other associated damages. Any materials removed shall be taken out in accordance with all applicable federal, state and local regulations.

ARTICLE 16 - INSPECTION OF WORK

16.1 Inspections, tests, measurements or other acts of the Consultant are for the sole purpose of assisting the Consultant in determining if the Work, materials, rate of progress, and quantities comply with the Contract Documents. These acts or functions shall not relieve the General Contractor from performing the Work in full compliance with the Contract Documents, nor relieve the General Contractor from any of the responsibility for the Work assigned to it by the Contract Documents. No inspection by the Consultant shall constitute or imply acceptance. Approval of material is general and shall not constitute waiver of the Owner's right to demand full compliance with Contract Documents.

16.2 All Work completed and all materials incorporated for the Project are subject to inspection by the Owner, the Consultant or their representatives to determine conformance with the Contract Documents. The Owner, Consultant and their representatives shall at all times have access to the Work whenever it is in preparation or progress. The General Contractor shall provide, at no additional cost to the Owner, any facilities necessary for sufficient and safe access to the Work to complete any inspections required. The Consultant shall be given timely notification in order to arrange for the proper inspections to be performed on any Work outside of the normal working day or week. If the Consultant provides the General Contractor with a list of construction milestones that require inspection, the General Contractor shall provide the Consultant with at least five (5) Business Days written notice prior to the commencement of Work with respect to such milestone in order to permit the Consultant time to coordinate an inspection of the commencement of the applicable Work.

16.2.1 Normal Work hours are defined as a period between 7:00 a.m. and 5:00 p.m. Monday through Friday. The General Contractor shall notify the Owner's Project Manager at least one working day prior to performance of any Work for permission to do any Work during non-normal Work hours.

16.3 If this Contract, the Specifications, the Consultant's instructions, laws, ordinances, or any public authority require any Work to be specially inspected, tested or approved, the General Contractor shall give the Consultant timely notice of the readiness of the Work for inspection. The Consultant shall promptly make all required inspections. If any portion of the Work should be

covered contrary to the request of the Consultant, or to the requirements specifically expressed in the Contract Documents, the Work must be uncovered for inspection and observation and shall be uncovered and replaced at the General Contractor's expense.

16.4 If any other portion of the Work has been covered, which the Consultant has not specifically requested to observe prior to being covered, the Consultant, with the Owner's approval, may request to see such Work and it shall be uncovered by the General Contractor. If such Work is found to be in accordance with the Contract Documents, the cost of uncovering and replacement shall be charged to the Owner by appropriate Change Order. If such uncovered Work is not in accordance with the Contract Documents, the General Contractor shall pay all costs for uncovering and replacement of such Work.

ARTICLE 17 - SUPERINTENDENT - SUPERVISION

17.1 The General Contractor shall completely and thoroughly direct and superintend the Work in accordance with the highest standard of care for the General Contractor's profession so as to ensure expeditious, workmanlike performance in accordance with requirements of the Contract Documents. Except as otherwise dictated by specific requirements of the Contract Documents, the General Contractor shall be solely responsible for and have control over all construction means, methods, techniques, sequences and procedures. The General Contractor shall be responsible for the acts and omissions of all Sub-contractors and persons directly or indirectly employed by the General Contractor in the completion of the Work. The General Contractor shall be responsible for coordinating and scheduling all portions of the Work unless the Contract Documents give other specific instructions. The General Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by the activities of the Consultant in the administration of the Contract, or by tests, inspections or approvals required or performed by persons other than the General Contractor.

17.2 The General Contractor shall have a competent superintendent on the Project site at all times during the process of the Work. The superintendent shall have authority to act on the General Contractor's behalf with regard to all aspects of performance of this Contract. The superintendent shall have such assistants with individual specialized competencies as may be necessary to fully understand and oversee all aspects of the Work. The General Contractor shall also provide administrative, supervisory and coordinating personnel required to fully perform the Work and for interfacing the Work with other work of the Project. The superintendent and all assistants shall be physically fit for their work and capable of going to all locations where Work is being performed. A communication given to the superintendent shall be binding on the General Contractor. Immediately after the award of Contract, the General Contractor shall submit to the Consultant a list of General Contractor's employees and consultants, including names, positions held, addresses, telephone numbers and emergency contact numbers.

17.3 The superintendent assigned shall not be changed except under the following circumstances: (1) Where the superintendent ceases to be employed by the General Contractor, in which case the General Contractor shall give timely written notice to the Owner of the impending change of the superintendent and a reasonable explanation for the change; or (2) Where the Owner or the Consultant have reasonable grounds for dissatisfaction with the performance of the superintendent and give written notice to the General Contractor of the grounds. In either case, the General Contractor shall obtain prior written approval from the Owner of the qualifications of the proposed replacement superintendent. Such prior approval will not be unreasonably withheld.

17.4 If the Owner or Consultant determines that the superintendent is not performing, or is incompetent to perform the required Work, the Owner may direct the General Contractor to remove the superintendent from the Project and replace the superintendent with an employee who has the necessary expertise and skills to satisfactorily perform the Work.

ARTICLE 18 - CHANGES IN THE WORK

18.1 The Owner, at any time after execution of the Contract, may make changes within the general scope of the Contract or issue additional instructions, require additional Work, or direct the deletion of Work. The Owner's right to make changes shall not invalidate the Contract or relieve the General Contractor of any obligations under the Contract Documents. All such changes to the Work shall be authorized in writing by Change Order and shall be executed under the conditions of the Contract Document. Any adjustment of the Contract Amount or Time of Completion, as may be appropriate, shall be made only at the time of ordering such change. Change order proposals based on a reservation of rights, whether for additional compensation to be determined at a later date or for an extension of time to be determined at a later date, will not be considered for approval and shall be returned to the General Contractor without action.

18.2 The cost or credit resulting from a change in Work shall be determined in one or more of the following ways:

18.2.1 By unit prices named in the Contract or additional unit prices subsequently agreed upon;

18.2.2 By agreement on a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;

18.2.3 By an amount agreed upon by the General Contractor and the Owner as a mutually acceptable fixed or percentage fee.

18.3 All lump sum proposals shall include a detailed cost breakdown satisfactory to the Consultant and to the Owner for each component of Work indicating both labor and material costs. In computing labor costs, the hourly labor rates shall not exceed a mutually agreeable combined hourly labor rate plus fringe benefits negotiated with the Owner based on a presentation of acceptable documentation by the GC. For the purposes of this Article, the term "fringe benefits" shall mean those funds transferred irrevocably to a third party for payment/distribution. In addition, there may be added by the General Contractor and/or Sub-contractor an amount agreed upon, but not to exceed a combined total of fifteen percent (15%) of the actual costs, for overhead and profit. This cost breakdown shall be submitted to the Consultant promptly and with a goal of seven (7) Calendar Days or less after receipt of the proposal request.

18.4 If none of the above methods are mutually agreed upon or if the General Contractor does not respond promptly, a change may be made by unilateral determination by the Owner and/or the Consultant of reasonable costs or savings attributable to the change, including a reasonable allowance for overhead and profit. If this method is utilized, the General Contractor shall promptly proceed with the Work involved in the change upon receipt of a written order signed by the Owner. In such case, the General Contractor shall keep and present an itemized accounting of labor, equipment, material and other costs, in such form as may be prescribed by the Consultant.

18.5 In determining the cost or credit to the Owner resulting from a change, the allowances for all overhead (including home office and field overhead) and profit combined, shall be negotiated and shall not exceed (15%) fifteen percent.

18.6 In all cases where Change Orders are determined by unit prices set forth in the Contract Documents, no amount is to be added for additional overhead and profit.

18.7 The General Contractor shall keep and present in such form as the Consultant may direct, a correct account of all items comprising the net cost of such Work, together with vouchers. The determination of the Consultant and/or the Owner shall be final upon all questions of the amount and cost of extra Work and changes in the Work, and it shall include in such cost, the cost to the General Contractor of all materials used, the cost of all labor (including social security, old age and unemployment insurance, fringe benefits to which the employee is entitled, and Workers Compensation insurance), and the fair rental of all machinery used upon the extra Work, for the period of such use, which was upon the Work before or which shall be otherwise required by or used upon the Work before or after the extra Work is done. If the extra Work requires the use of machinery not already on the Project site, or to be otherwise used upon the Work, then the cost of transportation of such machinery to and from the Project site shall be added to the fair rental value. Transportation costs shall not be allowable for distances exceeding one hundred (100) miles.

18.8 The General Contractor shall not include or allow to be included in the cost of change in the Work any cost or rental of small tools, or any portion of the time of the General Contractor or the superintendent, or any allowance for the use of capital, or for the cost of insurance or bond premium or any actual or anticipated profit, or job or office overhead. These items are considered as being covered under the added amount for general overhead addressed in Article 18.3

18.8.1 The Owner will not pay claims made for lost opportunities, claims made for lost production or production inefficiencies or claims made that are formula based.

18.9 Pending final determination of value, partial payments on account of changes in the Work may be made on recommendation of the Consultant. All Change Orders shall be in full payment and final settlement of all claims for direct, indirect and consequential costs, including all items covered and affected. Any such claim not presented by the General Contractor for inclusion in the Change Order shall be waived.

18.10 The Consultant may authorize minor changes in the Work which do not involve additional cost or extension of the Contract Time, and which are not inconsistent with the intent of the Contract Documents. Such changes shall be made by an ASI issued by the Consultant, and shall be binding on the Owner and the General Contractor. The General Contractor shall carry out such orders promptly. If the General Contractor should claim that an ASI involves additional cost or delay to the completion of the Work, the General Contractor shall give the Consultant written notice thereof within ten (10) Calendar Days after receipt of the written ASI. If this notification does not occur, the General Contractor shall be deemed to have waived any right to claim or adjustment to the contract sum or to the contract completion time.

18.10.1 If the General Contractor claims that any instructions by the Consultant involve additional cost or time extension, the General Contractor shall give the Consultant written notice thereof within ten (10) Calendar Days after the receipt of such instructions and before proceeding to execute the change in Work. The written notice shall state the date, circumstances, whether a time extension will be requested, and the source of the order that the General Contractor regards as a Change Order. Unless the General Contractor acts in accordance with this procedure, any oral order shall not be treated as a change and the General Contractor hereby waives any claim for an increase of the Contract amount or extension of the contract time.

18.11 Requests for extension of time related to changes in the Work shall be submitted in accordance with the requirements of Article 21 of these General Conditions

ARTICLE 19 - RULES AND MEASUREMENTS FOR EXCAVATION

19.1 If applicable, the following Rules and Measurements shall apply to the use of Unit Prices for the excavation portion of the Work:

19.1.1 Except as provided in this Article 19 for arbitrary measurements, the quantity of excavation shall be its in-place volume before removal.

19.1.2 No allowance will be made for excavating additional material of any nature taken out for the convenience of the General Contractor beyond the quantity computed under these "Rules and Measurements."

19.1.3 The quantities of excavation shall be computed from instrument readings taken by the Consultant's representative in vertical cross sections located at such intervals that will assure accuracy.

19.1.4 "Trench Excavation" for pipes shall arbitrarily be assumed to be two feet (2') wider than the outside diameter of the pipe barrel and with sides vertical.

19.1.5 The quantities shall be computed from plan size, or if there are no drawings, from actual measurements of the Work in place.

19.1.6 Each unit price shall cover, among other things, engineering (surveying) costs and keeping excavating dry.

19.1.7 Earth excavation for structures will be measured between the vertical planes passing 18 inches beyond the outside of the footings and from the surface of the ground to the neat lines of the bottom of the structure.

19.1.8 Rock excavation for structures will be measured between the vertical planes passing 18 inches beyond the outside of the footings and from the surfaces of the rock to the neat lines of the bottoms of the structures or the actual elevation of the rock ledge.

19.1.9 Rock excavation for pipelines trenches, unless otherwise provided for in the Specifications, shall be measured as follows: An arbitrary width of 18 inches plus the nominal diameter of the pipe multiplied by the depth from the surface the rock to six (6) inches below the invert for pipe 24 inches in diameter or less and eight (8) inches below the invert for all pipe greater than 24 inches in diameter. No additional compensation will be allowed for excavation for bell holes, gates or other purposes. The measurement of rock excavation for manholes shall be in accordance with Section 19.1.8 above.

19.1.10 Unclassified excavation shall be measured in the same manner as earth excavation.

ARTICLE 20 - CONCEALED CONDITIONS

20.1 The Contract Drawings show the approximate location of the existing and new utility lines. These lines have been identified and located as accurately as possible using available information. The General Contractor is responsible for verifying all actual locations. If utilities require relocation or rerouting that is not shown or indicated to be relocated or rerouted, the General Contractor shall contact and cooperate with the Consultant to make the required adjustments. Any request for change

in the Contract Amount by the General Contractor shall be made pursuant to Article 18 of the General Conditions.

20.2 If any charted or uncharted utility service is interrupted by activities of the General Contractor or the General Contractor's Sub-contractor(s) for any reason, the General Contractor shall work continuously to restore service to the satisfaction of the Owner.

20.2.1 If any charted utility service, or any uncharted utility service the existence of which could have been discovered by careful examination and investigation of the site of the Work by the General Contractor, is interrupted by activities of the General Contractor or the General Contractor's Sub-contractor(s) for any reason, the entire cost to restore service to the satisfaction of the Owner shall be paid by the General Contractor. Should the General Contractor fail to proceed with appropriate repairs in an expedient manner, the Owner reserves the right to have the work/repairs completed and the cost of such work/repairs deducted from the monies due or to become due to the General Contractor pursuant to Article 22 of the General Conditions.

20.3 The General Contractor shall promptly, but in no case more than ten (10) Calendar Days from the time of discovery, and before the conditions are disturbed, notify Consultant in writing of:

20.3.1 Subsurface or latent physical conditions or any condition encountered at the site which differ materially from those indicated in the Contract Documents and which were not known by General Contractor or could not have been discovered by careful examination and investigation of the site of the proposed Work;

20.3.2 Unknown and unexpected physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered in the locale or generally recognized as inherent in the Work provided for in this Contract or,

20.3.3 Concealed or unknown conditions in an existing structure which are at variance with the conditions indicated by the Contract Documents, which are of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the Work provided for in this Contract, and which were not known by the General Contractor and could not have been discovered by careful examination and investigation of the site of the Work.

20.4 The Consultant shall promptly investigate the conditions discovered. If the Consultant finds that conditions, which are materially different from those ordinarily encountered and generally recognized as inherent in the Work provided for in this Contract, were not known by the General Contractor, and could not have been discovered by careful examination and investigation of the site of the Work, have caused or would cause a material increase or decrease in the General Contractor's cost of construction or the time required for performance of any part of the Work under this contract, the Consultant will recommend and the Owner will make an equitable adjustment in the Contract Amount and/or the time allotted for performance in the Contract Documents. Failure by the General Contractor to provide written notice to the Owner of such claims for additional compensation or time for performance within ten (10) Calendar Days of discovery of such conditions shall constitute a waiver by the General Contractor of the right to make such claims. The Owner will not pay claims made for lost opportunities, claims made for lost production or production inefficiencies or claims made that are formula based.

20.5 If the Consultant determines that changed conditions do not exist or are not materially different and no adjustment in the Contract Amount or time is warranted, the General Contractor shall continue performance of the Contract as directed by the Consultant. No claim by the General Contractor under this clause shall be allowed unless the required written notice is given and the

Consultant is given adequate opportunity to investigate the conditions encountered prior to disturbance. The failure of the General Contractor to give the Consultant proper notice of a differing site condition shall not affect the Owner's right to an equitable adjustment of the contract price or time if there is a decrease in the Contract Amount or time required to perform the Work.

ARTICLE 21 - DELAYS AND EXTENSION OF TIME

21.1 It is agreed that time is of essence for each and every portion of this Contract and where additional time is allowed for the completion of the Work or any part of the Work under this Contract, the new time limit fixed by such time extension shall be of the essence of this Contract. An extension of time shall not be cause for extra compensation under this Contract, except as set forth in Article 21.10 below.

21.2 The General Contractor will, subject to the provisions of Articles 21.7, 21.8 and 21.9 below, be granted an extension of time and/or relief from liquidated damages when the delay in completion of the Work is due to:

21.2.1 Any preference, priority, or allocation order duly issued by the government;

21.2.2 Unforeseeable causes beyond the control and without the fault or negligence of the General Contractor including, but not limited to, acts of God, or of the public enemy, acts of the Owner, acts of another contractor in the performance of a contract with the Owner, floods, epidemics, quarantine restrictions, strikes, and freight embargoes.

21.2.2.1 For such delays which stop all work on the Project for thirty (30) Calendar Days or more, the General Contractor shall be authorized at its discretion to remove its people from the site and return when the normal progress of the work may continue.

21.2.3 Regardless of the cause of a delay, the General Contractor shall expend all reasonable effort to mitigate the impact of any delay.

21.2.4 Requests for additional time due to delays in transportation or due to failures of suppliers shall not be considered for approval.

21.3 Requests for extensions of time and/or relief from liquidated damages, except for weather related claims, shall be made in writing not later than ten (10) Calendar Days after the beginning of the delay. Requests for extension of time or relief from liquidated damages shall be stated in numbers of whole Calendar Days.

21.4 Except as otherwise provided in the Contract Documents, extensions of the contractually required completion dates may be granted for unusually bad weather on the Project. Unusually bad weather as used herein means daily temperature or precipitation that exceeds the normal weather recorded and expected for the locality and/or the season or seasons of the year. For the purposes of this contract, it is mutually agreed that the following chart accurately defines the number of days in each month on which bad weather can reasonably be anticipated to impact weather dependent construction operations, and the General Contractor shall anticipate this normal seasonal weather in the development of the Project baseline schedule.

Mean	Jan.	Feb	Mar	Ap	May	Jun	Jul.	Aug	Se	Oct	Nov.	Dec.
Number of		.	.	r.		.		.	p.	.		
Days When												

Max Temp 32° or Below	9	6	1	0	0	0	0	0	0	0	1	5
Precip. Is 0.10 Inch or Greater	7	6	9	7	8	8	8	6	5	5	7	7

For the purpose of this Contract, “unusually bad weather” shall be interpreted as either 1) those days in a given month on which rainfall was 0.10 inch or more that exceed the number of days shown in the row for “Precip” or 2) those days in a given month on which maximum temperature was 32 degrees F or below that exceed the number of days shown in the row for “Max Temp”, whichever is greater.

21.4.1 Requests for extension of time due to unusually bad weather that could not reasonably have been anticipated at the time of execution of the Contract shall be made in writing not later than the tenth calendar day of the month following the month in which the delay occurred.

21.4.2 Requests for an extension of time due to unusually bad weather shall be considered for approval only if it is shown that a) the unusual weather event delayed work on a specific weather dependent activity or activities that had been planned to be underway on the date(s) on which the weather event occurred, as shown in the most recent update to the Project schedule that had been submitted to the Owner prior to the date of the event, and b) only if the delay to that activity or activities is shown to be the proximate cause of a corresponding delay to the contractually required completion dates for the Project shown in the most recent update to the Project schedule. The actual dates on which the delay(s) occurred must be stated and the specific activities that were directly impacted must be identified. In the event of concurrent delays, only those activities actually impacting contractually required completion dates will be considered in evaluating the merit of a delay request. Time extensions will not be considered if such adjustments do not exceed the total or remaining “float” associated with the impacted activities at the time of delay as shown in the most recent update to the Project schedule, nor for concurrent delays not caused by the Owner.

21.4.3 In anticipation of the possibility of delay due to unusually bad weather, the General Contractor shall identify those activities in the baseline schedules, and those activities subsequently added to updated schedules, that might reasonably be expected to be delayed by such weather.

21.4.4 Delays caused by unusually bad weather shall be incorporated in the Project schedule when the schedule is next updated by showing actual dates and/or percent complete for those activities that were impacted by the unusually bad weather as well as the effects of any effort to mitigate such delays. When claims are submitted for time extensions resulting from more than one occurrence of unusually bad weather during a month, the Project schedule shall be updated to reflect such separate events sequentially so that the impact of each subsequent occurrence is shown on an adjusted Project schedule that includes all prior claims for additional time.

21.5 In addition to the requirements of Article 21.7 and Article 21.8 below, any request for an extension of time for strikes or lockouts shall be supported by a written statement of facts concerning the strike including, but not limited to, the dates, the craft(s) affected, the reason for the strike, efforts to resolve the dispute, and efforts to minimize the impact of the strike on the Project.

21.6 Approval of time extensions for changes in the Work will depend upon the extent, if any, to which the changes cause delay in the completion of the various elements of construction. The

Change Order granting the time extension may provide that the Contract Time will be extended only for those specific elements so delayed and that other Work will not be altered.

21.7 The Contract Time will only be adjusted for causes specified above. Extensions of time will only be approved if the General Contractor provides justification supported by the Project schedule or other acceptable data that 1) such changes are, in fact, on the critical path and extend the contractually required completion dates, and 2) the General Contractor has expended all reasonable effort to minimize the impact of such changes on the construction schedule. No additional extension of time will be granted subsequently for claims having the basis in previously approved extensions of time.

21.8 In support of requests for an extension of time not caused by unusual inclement weather, and concurrently with the submittal of any such request, the General Contractor shall submit to the Consultant and the Owner a written impact analysis showing the influence of each such event on contractually required completion dates as shown in the updated Project schedule most recently submitted to the Owner prior to the event. The analysis shall include a partial network diagram showing a sequence of new or revised activities and/or durations that are proposed to be added to the existing schedule including related logic (a “fragnet”). This impact analysis and the fragnet shall include the new activities and/or activity revisions proposed to be added to the existing schedule and shall demonstrate the claimed impact on the critical path and the contractually required completion dates. The General Contractor will not be granted an extension of time and/or relief from liquidated damages when the delay to completion of the work is attributable to, within the control of, or due to the fault, negligence, acts, or omissions of the General Contractor and/or the General Contractor’s contractors, subcontractors, suppliers, or their respective employees and agents. Time extensions will not be considered in the event such adjustments do not exceed the total or remaining “float” associated with the impacted activities at the time of delay, nor for concurrent delays not caused by the Owner. In the event of concurrent delays, only that event actually impacting contractually required completion dates will be considered in adjusting the schedule and evaluating the merit of a delay claim. Requests for an extension of time which are not supported by this information shall not be considered for approval.

21.9 Approved extensions of time not caused by unusual inclement weather shall be incorporated in a revised schedule at the time of approval. No subsequent requests for time extension will be considered unless all previous approved time extensions have been incorporated in the Project schedule on which the requests are based.

21.10 Except as provided for in Article 21.10.1 through 21.10.3 below, no payment or compensation shall be made to the General Contractor and extensions of the time fixed for completion of the Contract shall be the General Contractor’s sole remedy for any and all delays, hindrances, obstructions or impacts in the orderly progress of the Work.

21.10.1 In addition to the provisions of Articles 18.3 above, and subject to the requirements of Article 21.8 and 21.8.1 above, if the Owner orders changes to the scope of Work for the Project that extend the then current contractually required completion dates of the Project, the General Contractor shall be entitled to reimbursement for job site, general conditions and staffing costs associated with such delay.

21.10.2 If delays, hindrances, impacts or obstructions of the General Contractor’s performance of the Contract are in whole or in part within the control of the Owner and, subject to the requirements of Article 21.8 and 21.8.1, extend contractually required completion dates of the Project, the General Contractor shall be entitled to reimbursement for job site, general conditions and staffing costs for that portion of the costs caused by acts or omissions of the Owner.

21.10.3 Such reimbursements shall not include consequential or similar damages, exemplary damages, damages based on unjust enrichment theory, formula based delay claims, or any element of home office overhead.

ARTICLE 22 - CORRECTION OF WORK BEFORE FINAL PAYMENT

22.1 The General Contractor shall promptly remove from the site and replace any material and/or correct any Work found by the Consultant to be defective or that fails to conform to the requirements of the Contract, whether incorporated in the Work or not, and whether observed before or after Substantial or Final Completion. The General Contractor shall bear all costs of removing, replacing or correcting such Work or material including the cost of additional professional services necessary, and the cost of repairing or replacing all Work of separate contractors damaged by such removal or replacement.

22.2 The Consultant will notify the General Contractor and the Owner immediately upon its knowledge that additional services will be necessary. The Owner may consent to accept such nonconforming Work and materials with an appropriate adjustment in the Contract Amount. Otherwise, the General Contractor shall promptly replace and re-execute the Work in accordance with the Contract Documents and without expense to the Owner and shall bear the expense of making good all work of other contractors destroyed or damaged by such removal or replacement. If the General Contractor fails to commence and continue to correct non-conforming Work within a reasonable time as determined by the Consultant, the Owner may without limitation of other rights available to the Owner and without prejudice to other remedies, take any necessary action to make the necessary corrections. If the Owner makes required corrections for non conforming Work or materials, a Change Order will be issued reflecting an equitable deduction from the Contract Amount. This amount will be deducted from payments due to the General Contractor or, if no additional payments are due, General Contractor or the General Contractor's surety shall be responsible for payment of this amount.

ARTICLE 23 - CORRECTION OF WORK AFTER FINAL PAYMENT

23.1 Neither the final certificate of payment nor any provisions in the Contract Documents shall relieve the General Contractor of responsibility for materials and equipment incorporated into the Work that fail to meet specification requirements, or for use of faulty materials or poor quality workmanship. If within one year after the date of Substantial Completion of the Work or designated portion thereof, any of the Work is found to be defective or not in accordance with the requirements of the Contract Documents, the General Contractor shall correct it promptly after receipt of written notice from the Owner to do so. The General Contractor shall correct any defects due to these conditions and pay for any damage to other Work resulting from their use. Nothing contained in this clause shall be construed to establish a period of limitation with respect to any obligation of the General Contractor under the Contract including, but not limited to, Warranties. The obligation of the General Contractor under this section shall be in addition to and not in limitation of any obligations imposed by special guarantees or warranty required by the Contract, given by the General Contractor, or otherwise recognized or prescribed by law.

23.2 In addition to being responsible for correcting the Work and removing any non conforming Work or materials from the job site, the General Contractor shall bear all other costs of bringing the affected Work into compliance with the Contract requirements. This includes costs of any required additional testing and inspection services, Consultant's services and any resulting damages to other property or to work of other contractors or of the Owner.

23.3 If the General Contractor fails to correct nonconforming Work within a reasonable time as determined by the Consultant, the Owner may take necessary actions to make the necessary corrections. If the Owner makes required corrections for nonconforming Work or materials after Final Payment to the General Contractor, the Owner shall be entitled to recover all amounts for such corrections, including costs and attorney's fees, from General Contractor or surety.

ARTICLE 24 - TERMINATION OF CONTRACT FOR CONVENIENCE OF OWNER

24.1 The Owner, by written notice to the General Contractor, may terminate this Contract in whole or in part when it is in the interest of the Owner, at the sole discretion of the Owner. In such case, the General Contractor shall be paid for all Work in place and a reasonable allowance for profit and overhead on Work done, provided that such payments shall not exceed the total Contract price as reduced by the value of the Work as yet not completed. The General Contractor shall not be entitled to profit and overhead on Work not performed.

ARTICLE 25- OWNER'S RIGHT TO STOP WORK

25.1 If the General Contractor fails to correct defective Work as required, or persistently fails to carry out the Work in accordance with the Contract Documents, the Owner by written notice may order the General Contractor to stop the Work or any portion of the Work, until the cause for the order has been eliminated to the satisfaction of the Owner. The Consultant may stop Work without written notice for 24 hours whenever in its professional opinion such action is necessary or advisable to insure conformity with the Contract Documents. The General Contractor shall not be entitled to an adjustment in the Contract Time or Amount under this clause in the event such stoppages are determined to be the fault of the General Contractor or its Sub-contractor(s). The right of the Owner or Consultant to stop Work shall not give rise to a duty on the part of the Owner or Consultant to exercise this right for the benefit of the General Contractor or others.

ARTICLE 26 -TERMINATION OF CONTRACT FOR DEFAULT ACTION OF GENERAL CONTRACTOR

26.1 In addition to its rights under Articles 24 and 25, the Owner may terminate the contract upon the occurrence of any one or more of the following events:

26.1.1 If the General Contractor refuses or fails to prosecute the Work (or any separable part thereof) with such diligence as will insure its completion within the agreed upon time; or if the General Contractor fails to complete the Work within such time;

26.1.2 If the General Contractor is adjudged a bankrupt or insolvent, or makes a general assignment for the benefit of creditors, or if the General Contractor or a third party files a petition to take advantage of any debtor's act or to reorganize under the bankruptcy or similar laws concerning the General Contractor, or if a trustee or receiver is appointed for the General Contractor or for any of the General Contractor's property on account of the General Contractor's insolvency, and the General Contractor or its successor in interest does not provide adequate assurance of future performance in accordance with the Contract within 10 days of receipt of a request for assurance from the Owner;

26.1.3 If the General Contractor repeatedly fails to supply sufficient qualified supervision of the work, or repeatedly fails to ensure that Sub-contractors supply adequate supervision, suitable materials or equipment, or adequate numbers of skilled workmen and supervision to the Work;

26.1.4 If the General Contractor repeatedly fails to make prompt payments to Sub-contractors or suppliers at any tier, or for labor, materials or equipment;

26.1.5 If the General Contractor disregards laws, ordinances, rules, codes, regulations, orders or similar requirements of any public entity having jurisdiction;

26.1.6 If the General Contractor disregards the authority of the Consultant or the Owner;

26.1.7 If the General Contractor performs Work which deviates from the Contract Documents, and neglects or refuses to correct rejected Work; or

26.1.8 If the General Contractor otherwise violates in any material way any provisions or requirements of the Contract Documents.

26.2 Once the Owner determines that sufficient cause exists to justify the action, the Owner may terminate the Contract without prejudice to any other right or remedy the Owner may have, after giving the General Contractor and its Surety three (3) Calendar Days notice by issuing a written Declaration of Default. The Owner shall have the sole discretion to permit the General Contractor to remedy the cause for the contemplated termination without waiving the Owner's right to terminate the contract.

26.3 In the event that the Contract is terminated, the Owner may demand that the General Contractor's Surety take over and complete the Work on the Contract. The Owner may require that in so doing, the General Contractor's Surety not utilize the General Contractor in performing the Work. Upon the failure or refusal of the General Contractor's Surety to take over and begin completion of the Work within twenty (20) Calendar Days after the demand, the Owner may take over the Work and prosecute it to completion as provided below.

26.3.1 In the event that the Contract is terminated and the General Contractor's Surety fails or refuses to complete the Work, the Owner may take over the Work and prosecute it to completion in accordance with the laws of the Commonwealth, by contract or otherwise, and may exclude the General Contractor from the site. The Owner may take possession of the Work and of all of the General Contractor's tools, appliances, construction equipment, machinery, materials, and plant which may be on the site of the Work, and use the same to the full extent they could be used by the General Contractor, without liability to the General Contractor. At the Owner's sole discretion, the Owner has the right to take assignment of any or all portions of the contract work in order to prosecute the completion of the Work. In exercising the Owner's right to prosecute the completion of the Work, the Owner may also take possession of all materials and equipment stored at the site or for which the Owner has paid the General Contractor but which are stored elsewhere, and finish the Work as the Owner deems expedient. In such case, the General Contractor shall not be entitled to receive any further payment until the Work is finished.

26.3.2 If the unpaid balance of the Contract Price exceeds the direct and indirect costs and expenses of completing the Work including compensation for additional professional and Consultant services, such excess shall be used to pay the General Contractor for the cost of the Work it performed and a reasonable allowance for overhead and profit. If such costs exceed the unpaid balance, the General Contractor or the General Contractor's Surety shall pay the difference to the Owner. In exercising the Owner's right to prosecute the completion of the Work, the Owner shall have the right to exercise its sole discretion as to the manner, methods, and reasonableness of the costs of completing the Work and the Owner shall not be required to obtain the lowest figure for Work performed in completing the Contract. In the event that the Owner takes bids for remedial Work or completion of the Project, the General Contractor shall not be eligible for the award of such Contract.

26.3.3 The General Contractor shall be liable for any damage to the Owner resulting from the termination or the General Contractor's refusal or failure to complete the Work, and for all costs necessary for repair and completion of the Project above the amount of the Contract. The General Contractor shall be liable for all attorney's fees, costs and expenses incurred by the Owner to enforce the provisions of the Contract.

26.3.4 If liquidated damages are provided in the Contract and the Owner terminates the Contract, the General Contractor shall be liable for such liquidated damages, as provided for in Article 29.2 and 29.3 below, until Substantial Completion and Final Completion of the Work are achieved.

26.3.5 In the event the Contract is terminated, the termination shall not affect any rights of the Owner against the General Contractor. The rights and remedies of the Owner under this Article are in addition to any other rights and remedies provided by law or under this Contract. Any retention or payment of monies to the General Contractor by the Owner will not release the General Contractor from liability.

26.3.6 In the event the Contract is terminated under this Article, and it is determined for any reason that the General Contractor was not in default under the provisions of this Article, the termination shall be deemed a Termination for Convenience of the Owner pursuant to Article 24 and the rights and obligations of the parties shall be determined in accordance with Article 24.

ARTICLE 27 - SUSPENSION OF WORK

27.1 The Owner or the Consultant may, at any time and without cause, order the General Contractor in writing or cause the General Contractor to suspend, delay or interrupt all or any part of the Work for such period of time as the Owner may determine to be appropriate for its convenience. Adjustment may be made for any increase in the Contract time necessarily caused by such suspension or delay, in accordance with Article 21.

ARTICLE 28 - TIME OF COMPLETION

28.1 The General Contractor shall begin the Work on the date of commencement as specified in the Work Order. All time limits stated in the Contract Documents are of the essence of the Contract. The end of the Contract Time shall be the date specified on the approved certificate of Substantial Completion. The time for completion set forth in the Contract is a binding part of the Contract upon which the Owner may rely in planning the use of the facilities to be constructed and for all other purposes.

28.2 Substantial Completion is defined in Article 1.1.17 of these General Conditions. Only incidental corrective Work under punch lists and final cleaning (if required) for Owner's full use shall remain for Final Completion. The ability to occupy or utilize shall include regulatory authority approval unless regulatory approval is delayed due to actions of the Owner or the Consultant. When the Owner accepts and occupies a portion of the Project, the operation, maintenance, utilities, and insurance of that portion of the Project becomes the responsibility of the Owner.

28.3 The date of Substantial Completion shall be that date certified by the Owner, in accordance with the following procedures, that the Work is sufficiently complete to occupy or utilize as defined above.

28.3.1 When the General Contractor considers the entire Work is substantially complete as defined in Article 1.1.17 of these General Conditions, and is ready for its intended use, the General Contractor shall notify the Consultant in writing and request an inspection. The declaration and request shall be

accompanied by a list prepared by the General Contractor of those items of Work still to be completed or corrected. The failure of the General Contractor or Consultant to include any item or items, which are not completed or which need correction, on such list shall not alter the responsibility of the General Contractor to complete all Work in accordance with the Contract Documents.

28.3.2 The Consultant shall, within a reasonable time after receipt of notification from the General Contractor of a declaration of Substantial Completion and request for inspection, make such inspection. Prior to the Substantial Completion Inspection and within sufficient time to allow the Consultant's review, the General Contractor shall submit all As-Built drawings, Notice of Termination, catalog data, complete operating and maintenance instructions, manufacturer specifications, certificates, warranties, written guarantees and related documents required by the contract. The Consultant shall review said documents for accuracy and compliance with the Contract Documents and incorporate them into complete operating instructions and deliver them to the Owner.

28.3.3 If the Consultant considers the Work substantially complete, the Consultant shall recommend that the Owner prepare a Certificate of Substantial Completion which shall establish the date of Substantial Completion and the responsibilities between the Owner and General Contractor for security, maintenance, heat, utilities and insurance, if not otherwise provided for in the Contract Documents, and a tentative list of items to be completed or corrected, and shall fix the time within which the General Contractor shall complete the items listed therein. This time shall not exceed thirty (30) Calendar Days unless otherwise provided for in the Work Order. The Certificate of Substantial Completion shall be submitted to the Consultant and General Contractor for their written acceptance of the responsibilities assigned to them in the certificate. The Project shall not be deemed substantially complete until the certificate is issued. If, after making the inspection, the Consultant does not consider the Work substantially complete, the Consultant will notify the Owner and the General Contractor in writing, giving the reasons therefore.

28.4 Operation and Maintenance Manual Deliverables. In anticipation and preparation of completion of the Work and the closing out of the Project, and to facilitate training of the Owner's personnel in the maintenance and operation of the new installations, the Contractor shall comply with the requirements of Article 8.7 of the Special Conditions. (For the purposes of this article, air test and balance reports may be submitted at a later date with the request for certification of substantial completion.) These manuals shall be submitted to the Consultant for approval, and subsequently forwarded to the Owner's Project Manager by or before the time construction is 75% complete, as reflected by the Contractor's most recently submitted Application for Payment.

28.4.1 The provisions of Article 30.11 notwithstanding, if the General Contractor meets the requirements of Article 28.4 above with respect to timely submittal of approvable Operation and Maintenance manuals and provided the project construction is 1) at least 75% complete and 2) is equal to or ahead of the approved progress schedule and 3) the Work completed is in compliance with the requirements of the contract documents, the Owner, at the sole discretion of the Director, Capital Projects Management Division may reduce the retainage to (5%) of the current Contract Amount.

28.4.2 In the event the General Contractor fails to submit acceptable O&M manuals prior to reaching 75% completion, it is agreed that the Owner at its sole discretion may deduct from the current and subsequent Applications for Payment an amount deemed by the Owner to be sufficient to encourage prompt compliance with this contractual requirement, until such time as acceptable O&M manuals are received.

28.5 Project Close Out. When the General Contractor considers that all Work required by the Contract is 100% complete, including correction of any remaining punch list work or deficiencies, the General Contractor shall notify the Consultant in writing and request a final inspection. The Consultant, upon receipt of written notice from the General Contractor that the Work is complete and

is ready for final inspection and acceptance, will promptly make such inspection and when the Consultant finds the Work completed and acceptable under the Contract Documents and the Contract fully performed, the Consultant will so notify the General Contractor in writing to submit, and will certify to the Owner a final Certificate for Payment submitted in accordance with Articles 30.9 and 30.9.1 of these General Conditions. If the General Contractor does not complete the punch items within the time designated, the Owner retains the right to have these items corrected at the expense of the General Contractor including all architectural, engineering and inspection costs and expenses incurred by the Consultant and the Owner, and to deduct such costs and expenses from the funds being held in retainage. The Owner shall not be required to release the retainage until such items have been completed.

ARTICLE 29 - LIQUIDATED DAMAGES

29.1 The Owner and the General Contractor recognize and agree that time is of the essence of this Contract and that the Owner will suffer financial loss if the Work is not completed within the time specified in the Contract plus any extensions that may be allowed. The parties further recognize the delays, expense and difficulties involved in proving the actual loss suffered by the Owner should the Work not be completed on time. The Owner and the General Contractor agree on the amounts stated as liquidated damages in the Agreement. The Owner and General Contractor agree that the amount stated as liquidated damages are not intended to be penalties.

29.2 Should the General Contractor fail to satisfactorily complete the Work under Contract on or before the date stipulated for Substantial Completion, as adjusted by approved Change Orders, if any, the General Contractor will be required to pay liquidated damages to the Owner for each consecutive Calendar Day that the Owner is deprived of full use of the area beyond the date specified unless otherwise stipulated elsewhere by Owner. After the date for Substantial Completion has been certified by the Owner, the General Contractor shall cease to owe liquidated damages until the date established for Final Completion.

29.3 If Final Completion is not achieved by the date established for Final Completion, as adjusted by approved Change Orders, if any, liquidated damages in the amount stipulated in the Agreement will become due and collectable. The Contract will be considered complete and Final Completion shall be deemed to have occurred when all Work has been completed in compliance with the Contract Documents and the Certificate of Final Completion has been issued by the Owner. No deduction or payment of liquidated damages will, in any degree, release the General Contractor from further obligations and liabilities to complete the entire Contract. Permitting the General Contractor to continue and finish the Work, or any part of it, after expiration of the Contract Time, shall in no way constitute a waiver on the part of the Owner of any liquidated damages due under the Contract.

ARTICLE 30 - PAYMENT TO THE GENERAL CONTRACTOR

30.1 Payments on account of this Contract shall be made monthly as Work progresses. The General Contractor shall submit to the Consultant, in the manner and form prescribed, an application for each payment, and, if required, receipts or other vouchers showing payments made for materials and labor, including payments to Sub-contractors. All payments shall be subject to any withholding or retainage provisions of this contract. All pay request documents, except the final payment, shall be submitted in whole dollar amounts. All payment applications from the General Contractor shall include line items for overhead, profit and general condition costs.

30.2 The Consultant shall, within ten (10) Business Days after receipt of each application for payment, certify approval of payment in writing to the Owner and present the application to the Owner, or return the application to the General Contractor indicating in writing its reasons for

refusing to approve payment. The Owner, provided no exception is taken to the application for payment submitted by the Consultant, will issue payment on or within thirty (30) Business Days from the date received from the Consultant. A reasonable delay on the part of the Owner in making payment to the General Contractor for any given payment shall not be grounds for breach of Contract. The Consultant may refuse to approve the whole or any part of any payment if it would be incorrect to make such presentation to the Owner.

30.3 If payment is requested on the basis of materials and equipment not incorporated in the Work, but delivered and suitably stored at an off jobsite location agreed to in writing by the Owner that meets the manufacturer's requirements for the stored material and not-comingled with other material, the General Contractor shall furnish the following:

30.3.1 A list of the materials consigned to the Project (which shall be clearly identified), giving the place of storage, together with copies of invoices.

30.3.2 Certification that all items have been tagged for delivery to the Project and that they will not be used for any other purpose.

30.3.3 A letter from the Surety indicating that the Surety agrees to the arrangements and that payment to the General Contractor shall not relieve either the General Contractor or its Surety of their responsibility to complete the Work.

30.3.4 Evidence of adequate insurance listing the Owner as an additional insured covering the material in storage.

30.3.5 Evidence that representatives of the Consultant have visited the General Contractor's place of storage and checked all items listed on the General Contractor's certificate. They shall certify, insofar as possible, that the items are in agreement with the Specifications and approve their incorporation into the Project.

30.4 The Owner will pay 80% of the invoiced value less retainage for materials stored off site providing the above conditions are met.

30.5 The General Contractor's signature on each subsequent application for payment shall certify that all previous progress payments received on account of the Work have been applied to discharge in full all of the General Contractor's obligations reflected in prior applications for payment.

30.6 Each payment made to the General Contractor shall be on account of the total amount payable to the General Contractor and the General Contractor warrants and guarantees that the title to all materials, equipment and Work covered by the paid partial payment shall become the sole property of Owner free and clear of all encumbrances. Nothing in this Article shall be construed as relieving General Contractor from the sole responsibility for care and protection of materials, equipment and Work upon which payments have been made or restoration of any damaged Work or as a waiver of the right of Owner to require fulfillment of all terms of the Contract Documents.

30.7 Prior to submitting the first application for payment, the General Contractor shall submit to the Consultant and the Owner for approval a detailed breakdown of the Contract Amount pursuant to CSI specification divisions, divided so as to facilitate payment and correlated to the schedule required by General Conditions Article 32 of the Contract Documents. The total value of all activities shall add up to the Contract Amount. When approved by the Consultant and the Owner, this schedule shall be used as a basis for General Contractor's applications for payment and may be used by the Owner to

determine costs or credits resulting from changes in the Work. Failure to obtain the approval of the Schedules of Values shall be a basis for withholding payment to the General Contractor.

30.8 Retainage – The Owner will retain ten percent (10%) of the General Contractor’s progress payments until fifty one percent (51%) of the construction project has been completed. Thereafter, if the Work is fully in compliance with the requirements of the Contract and except as provided for in Article 28.4.1 above, the Owner shall retain five percent (5%) of the total contract amount until Substantial Completion and acceptance of all Work covered by this Contract, as collateral security to insure successful completion of the Work. For the purposes of this Article, the term “in full compliance” shall mean 1) that the progress of the Work is equal to or ahead of that predicted by the Project Baseline schedule and 2) the Work completed is in compliance with the requirements of the contract documents. Subsequent to the issuance of the Substantial Completion Certificate and depending upon the cost involved for the completion and/or correction of punch list items, the Consultant may recommend to the Owner an adjustment to the amount being held as retainage and, if approved by Owner, the amount of retainage may then be reduced and a sufficient sum retained by Owner to assure completion of the remaining unfinished Work. Retainage reduction as provided for in this Article 30.8 is contingent upon the General Contractor and/or Sub-contractors being on or ahead of the approved progress schedule and on verification by the Consultant that the Work completed is in compliance with the requirements of the contract documents

30.8.1 In addition to the retainage set forth above, the Owner may withhold from any monthly progress payments or nullify any progress payments in whole or in part as necessary to protect the Owner from loss on account of:

30.8.1.1 Defective Work which has not been remedied or completed Work which has been damaged requiring correction or replacement, or

30.8.1.2 Action required by the Owner to correct Defective Work or complete Work which the General Contractor has failed or refused to correct or complete, or

30.8.1.3 Failure of the General Contractor to perform any of its obligations under the Contract, or

30.8.1.4 Failure of the General Contractor to make payment properly to Sub-contractors; suppliers of material, services or labor; or to reimburse the University for utilities or other services as provided for in the Contract;

30.8.1.5 Amounts to be withheld as liquidated damages for failure to complete the Project in the allotted Contract time.

30.8.2 When the Owner is satisfied that the General Contractor has remedied any such deficiency, payments shall be made of the amount being withheld on the next scheduled application for payment.

30.9 Final Payment – When all Work is completed and acceptable and the Contract is fully performed, the General Contractor will be directed to submit a final payment application for certification and the entire balance shall be due and payable upon a certification of completion by the Consultant that the Work is in accordance with the Contract Documents.

30.9.1 Upon issuance of the Certificate of Final Completion by the Owner and submittal by the General Contractor of all required documents and releases, all retained amounts shall be paid to the General Contractor as part of the Final Payment. By accepting such payment, the General Contractor certifies that all amounts due or that may become due to any Sub-contractor, any Consultant of the General Contractor, or any vendors or material suppliers, have been paid or will be paid from the

proceeds of the final payment; and that, further, there are not liens, claims or disputes involving the Owner or the Consultant that are outstanding or unresolved.

30.10 The General Contractor shall promptly pay each Sub-contractor and material supplier upon receipt of payment from the Owner the amount to which said Sub-contractor and supplier is entitled, reflecting the percentage actually retained from payments to the General Contractor on account of such Sub-contractor's work. The General Contractor shall, by an appropriate Agreement with each Sub-contractor and material supplier, require each Sub-contractor and supplier to make payments to their sub-contractors, vendors and suppliers in similar manner.

30.10.1 The Consultant may, on request, furnish to any Sub-contractor or material supplier information regarding the percentages of completion applied for by the General Contractor and the action thereon by the Consultant.

30.10.2 Neither the Owner nor the Consultant shall have any obligation to make payment to any Sub-contractor or material supplier except as may otherwise be required by law.

ARTICLE 31 - AUDITS

31.1 The General Contractor's Trade Contractors', sub-contractors' and/or vendor's "records" shall upon reasonable notice be open to inspection and subject to audit and/or reproduction during normal business working hours as may be deemed necessary by the Owner at its sole discretion. Such audits may be performed by an Owner's representative or an outside representative engaged by the Owner. The Owner or its designee may conduct such audits or inspections throughout the term of this contract and for a period of three years after final payment, or longer if required by law. Owner's representative may (without limitation) conduct verifications such as counting employees at the Construction Site, witnessing the distribution of payroll, verifying information and amounts through interviews and written confirmations with General Contractor's employees, field and agency labor, Trade Contractors and vendors.

31.2 "Records" as referred to in this Contract shall include any and all information, materials and data of every kind and character, including without limitation, records, books, papers, documents, subscriptions, superintendents' reports, drawings, receipts, vouchers and memoranda, and any and all other agreements, sources of information and matters that may in the Owner's judgment have any bearing on or pertain to any matters, rights, duties or obligations under or covered by any Contract Document. Such records shall include hard copy, as well as computer readable data if it can be made available, written policies and procedures; time sheets; payroll registers; cancelled payroll checks; subcontract files (including proposals of successful and unsuccessful bidders, bid recaps, etc.); original estimates; estimating work sheets; correspondence; change order files (including documentation covering negotiated settlements); back charge logs and supporting documentation; invoices and related payment documentation; general ledger; records detailing cash and trade discounts earned; insurance rebates and dividends; and any other General Contractor or contractor records which may have a bearing on matters of interest to the Owner in connection with the General Contractor's dealings with the Owner (all foregoing hereinafter referred to as the "records") to the extent necessary to adequately permit evaluation and verification of any or all of the following:

- Compliance with Contract requirements for deliverables;
- Compliance with approved plans and specifications;
- Compliance with Owner's business ethics expectations;
- Compliance with Contract provisions regarding the pricing of change orders;
- Accuracy of General Contractor representations regarding pricing of invoices; and
- Accuracy of General Contractor representations related to claims submitted by the General Contractor or its payees.

31.3 The General Contractor shall require all payees (examples of payees include Trade Contractors, Sub-contractors, vendors, and/or material suppliers) to comply with the provisions of this Article by including the requirements hereof in a written contract agreement between the General Contractor and payees. Such requirements to include flow-down right of audit provisions in contracts with payees will also apply to Subcontractors and Sub-subcontractors, material suppliers, etc. The General Contractor will cooperate fully and will cause all related parties and all of the General Contractor's Trade Contractors and/or subcontractors (including those entering into lump sum subcontracts) to cooperate fully in furnishing or in making available to Owner from time to time whenever requested, in an expeditious manner, any and all such information, materials and data.

31.4 Owner's authorized representative or designee shall have reasonable access to the General Contractor's facilities, shall be allowed to interview all current or former employees to discuss matters pertinent to the performance of this contract and shall provide adequate and appropriate work space in order to conduct audits in compliance with this Article. The General Contractor and its payees agree bear their costs and expenses relating to any inspections and audits.

31.5 If an audit inspection or examination in accordance with this Article discovers any fraud or misrepresentation, or discloses overpricing or overcharges (of any nature) by the General Contractor to the Owner, in addition to making adjustments for the overcharges, the reasonable actual cost of the Owner's audit shall be reimbursed to the Owner by the General Contractor. Any adjustments and/or payments that must be made as a result of any such audit or inspection of the General Contractor's invoices and/or records shall be made within Ninety (90) Calendar Days from presentation of the Owner's findings to the General Contractor.

31.6 The provisions of Articles 31.1, 31.2 and 31.5 notwithstanding, the Owner shall have the right to conduct inspections and audits of any matter relating to the Contract Documents or the Work, which shall be for the Owner's sole benefit and shall not relieve the General Contractor, its sureties, contractors, subcontractors suppliers and their respective employees and agents of any obligations under the Contract Documents.

31.7 Any audits or inspections under Article 31 shall not constitute a waiver of any right the Owner has to accounting or discovery of records in the possession, custody or control of the General Contractor, its sureties, contractors, subcontractors, vendors and their respective employees and agents

ARTICLE 32- PROGRESS & SCHEDULING

32.1 The schedules submitted for this Project shall be prepared using Primavera P6 scheduling software. If approved by the University, and at the sole discretion of the University, schedules submitted in other versions of Primavera scheduling software (Primavera Contractor saved in .xer format, Primavera SureTrak or Primavera P3) may be converted to Primavera P6 format by the University for review purposes. However, the University will not be responsible for any inaccuracies that may result from such conversions.

3.2 The schedules submitted for this Project shall coordinate Work in accordance with all schedules included in the Owner's approved Program. Construction work shall be scheduled and executed such that operations of the University are given first priority. This applies particularly to outages and restriction of access.

32.2.1 The schedules submitted for this Project shall not exceed time limits established for the Project. Schedules which reflect a duration less than the Contract Time are for the convenience of the General Contractor and shall not be the basis of any claim for delay or extension of time.

32.2.2 Schedules shall be revised at appropriate intervals as required by the condition of the Work and the Project, shall be related to the entire Project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the Work.

32.2.3 The General Contractor shall also submit a payment schedule indicating the percentage of the Contract Amount and the amount of the anticipated monthly payments that will be requested as the Project proceeds.

32.2.4 The Owner may withhold approval of all or a portion of progress payments until the progress payment schedule and construction schedule have been submitted by the General Contractor.

32.3 The General Contractor shall prepare and keep current, for the Consultant's approval, a separate schedule of submittals coordinated with the General Contractor's CPM construction schedule that provides reasonable time for the Consultant to review the submittals.

32.4 The General Contractor shall cause the work to be performed pursuant to the most recent schedules.

ARTICLE 33 - USE OF COMPLETED PORTIONS

33.1 Upon mutual Agreement between the Owner, General Contractor, and Consultant, the Owner may use a completed portion of the Project after an inspection is made. Such possession and use shall not be deemed as acceptance of any Work not completed in accordance with the Contract Documents, nor shall such possession and use be considered to alter warranty obligations or cause any warranty period to commence prior to Substantial Completion.

ARTICLE 34 - INDEMNIFICATION

34.1 To the fullest extent permitted by law, the General Contractor shall indemnify and hold harmless the Owner, its consultants, and their respective employees and agents from and against all claims, damages, losses and expenses, including attorney's fees, provided that any such claim, loss, damage or expense: (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom, and (b) is caused in whole or in part by any negligent act or omission of the General Contractor, any Sub-contractor or material supplier, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. This basic obligation to indemnify shall not be construed to nullify or reduce other indemnification rights which the Owner, its consultants, and their respective employees and agents would otherwise have.

34.2 The General Contractor shall also indemnify and hold harmless the Owner, its consultants, and their respective employees and agents from any claims relating to the Project brought against the Owner, its consultants, and their respective employees and agents by any Sub-contractor unless such claims are due to the gross negligence or misconduct of the Owner or Consultant.

34.3 In any and all claims against the Owner its consultants, and their respective employees and agents, by any employee of the General Contractor, any Sub-contractor, any one directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Article shall not be limited in any way by any limitation on the amount or type

of damages, compensation or benefits payable by or for the General Contractor or any Sub-contractor under Worker's Compensation acts, disability benefit acts or other employee benefit acts.

34.4 The obligations of the General Contractor under this Article shall not extend to the liability of the Consultant, his agents or employees, arising out of (1) the preparation or approval of maps, drawings, opinions, reports, surveys, Change Orders, designs or specifications, or (2) the giving of or the failure to give directions or instructions by the Consultant, his agents or employees, provided such giving or failure to give is the primary cause of injury or damage.

ARTICLE 35 - INSURANCE

35.1 The General Contractor shall furnish the Owner the Certificates of Insurance or other acceptable evidence that insurance is effective, and guarantee the maintenance of such coverage during the term of the Contract. Each policy of insurance, except Workers Compensation, shall name the University of Kentucky and the directors, officers, trustees and employees of the University as additional insured on a primary and non-contributory basis as their interest appears. Waiver of subrogation in favor of the University of Kentucky shall apply to all policies. Any endorsements required to validate such waiver of subrogation shall be obtained by the General Contractor at the General Contractor's expense.

35.2 The General Contractor shall not commence, nor allow any Sub-contractor to commence Work under this Contract, until the Owner has reviewed the certificates and approved coverages and limits as satisfying the requirements of the bidding process.

35.3 Workers' Compensation and Employers' Liability Insurance. The General Contractor shall acquire and maintain Workers' Compensation insurance with Kentucky's statutory limits and Employers' Liability insurance as defined in the Special Conditions for all employees who will be working at the Project site. In the event any Work is sublet, the General Contractor shall require any Sub-contractor to provide proof of this insurance for the Sub-contractors' employees, unless such employees are covered by insurance provided by the General Contractor.

35.4. The General Contractor shall either require each Sub-contractor to procure and maintain insurance of the type and limits stated during the terms of the Contract, or insure the activities of such Sub-contractors under a blanket form as described below:

35.4.1 Commercial General Liability Insurance. The General Contractor shall acquire and maintain a Broad Form Comprehensive General Liability (CGL) Insurance Policy including premises - operations, products/completed operations, blanket contractual, broad form property damage, real property fire legal liability and personal injury liability coverage. The Insurance Policy must be on an "occurrence" form only, unless approved by the Owner. Contractual liability must be endorsed to include defense costs. Products and completed operations insurance must be carried for two years following completion of the Work. Policies which contain Absolute Pollution Exclusion endorsements are not acceptable. Coverage must include pollution from "hostile fires". Where required by the risks involved, Explosion, Collapse and Underground (XCU) coverages shall be added by endorsement. If the work involved requires the use of helicopters, a separate aviation liability policy as defined in the Special Conditions will be required. If cranes and rigging are involved, a separate inland marine policy with liability limits as defined in the Special Conditions will be required.

35.4.1.1 The limits of liability shall not be less than defined in the Special Conditions.

35.4.2 Comprehensive Automobile Liability Insurance. The General Contractor shall show proof and guarantee the maintenance of insurance to cover all owned, hired, leased or non-owned vehicles used on the Project. Coverage shall be for all vehicles including off the road tractors, cranes and rigging equipment and include pollution liability from vehicle upset or overturn. Policy limits shall not be less than defined in the Special Conditions.

35.4.3 Excess or Umbrella Liability Insurance. The General Contractor shall acquire and maintain a policy of excess liability insurance in an umbrella form for excess coverages over the required primary policies of broad form commercial general liability insurance, business automobile liability insurance and employers' liability insurance. This policy shall have a minimum as defined in the Special Conditions for each occurrence in excess of the applicable limits in the primary policies. The excess liability policy shall not contain an absolute pollution exclusion and shall include coverages for pollution that may occur due to hostile fires and vehicle upset and overturn. The limits shall be increased as appropriate to cover any anticipated special exposures.

35.5 Builders Risk Insurance. The General Contractor shall purchase and maintain an "all risk" Builder's Risk Insurance policy upon the Work at the site to the full insurable value thereof. Such insurance shall include interests of the Owner, General Contractor, and all Sub-contractors and of their subcontractors. It shall insure against perils of fire, extended coverage, vandalism and malicious mischief. General Contractor's work performed, and materials to be incorporated into the project and stored on the jobsite, will be covered. Builder's Risk does not include temporary buildings, or General Contractor or General Contractor's tools, equipment, or trailers and contents.

35.6 Insurance Agent and Company Insurance as required in the bidding process of the Project shall be written according to applicable state law in Kentucky. The policies shall be written by an insurer duly authorized to do business in Kentucky in compliance with KRS: 304.1-100 and -.110.

ARTICLE 36 - PERFORMANCE AND PAYMENT BONDS

36.1 The General Contractor shall furnish a Performance Bond in the form provided in the Contract Documents in the full amount of the Contract Amount as security for the faithful performance of the Contract. The General Contractor shall also furnish a Payment Bond in the form provided in the Contract Documents in the full amount of the Contract Amount for the protection of all persons performing labor or furnishing materials, equipment or supplies for the General Contractor or its Sub-contractors for the performance of the Work provided for in the Contract, including security for payment of all unemployment contributions which become due and payable under Kentucky Unemployment Insurance Law.

36.2 Each bond furnished by the General Contractor shall incorporate by reference the terms of the Contract as fully as though they were set forth verbatim in such bonds. In the event the Contract Amount is adjusted by Change Order, the penal sum of both the performance bond and the payment bond shall be deemed increased by like amounts.

36.3 The performance and payment bonds shall be executed by a surety company authorized to do business in the Commonwealth of Kentucky, and the contract instrument of bonds must be countersigned by a duly appointed and licensed resident agent.

ARTICLE 37 - DAMAGED FACILITIES

37.1 The General Contractor shall repair or replace, at no expense to the Owner, any damaged section of existing buildings, paving, landscaping, streets, drives, utilities, watersheds, etc. caused by Work performed under the Contract or incidental thereto, whether by the General Contractor's own

forces, Sub-contractors or by material suppliers. Such repair or replacement shall be performed by craftsmen skilled and experienced in the trade or craft for the original Work.

37.2 Water damage to the interior of any building caused by Work performed under the Contract or incidental thereto, whether by the General Contractor's own forces, Sub-contractors, or by material suppliers, and whether occurring in a new or existing building, shall be repaired by the General Contractor at the General Contractor's expense, and any materials damaged inside the building, including personal property, shall be repaired or replaced at the full replacement cost by the General Contractor at the General Contractor's expense.

37.3 For existing buildings, the General Contractor, along with the Owner's Representative and Consultant, will tour the Project site to evaluate existing conditions and determine any existing damage before any Work on this Contract is done.

37.4 Should the General Contractor fail to proceed with appropriate repairs in an expedient manner, the Owner reserves the right to have the Work/repairs completed and deduct the cost of such Work/repairs from amounts due or to become due to the General Contractor. If the Owner deems it not expedient to repair the damaged Work, or if repairs are not done in accordance with the Contract, an equitable deduction from the Contract price shall be made.

ARTICLE 38- CLAIMS & DISPUTE RESOLUTION

38.1 All General Contractor's claims and disputes shall be referred to the Consultant for review and recommendation. All claims shall be made in writing to the Consultant and Owner, not more than ten (10) days from the occurrence of the event which gives rise to the claim or dispute, or not more than ten (10) days from the date that the General Contractor knew or should have known of the claim or dispute. Unless the claim is made in accordance with these requirements, it shall be waived. Any claim not submitted before Final Payment shall be waived. The Consultant shall render a written decision within fifteen (15) days following receipt of a written demand for the resolution of a claim or dispute.

38.1.1 The provisions of Article 43.2 notwithstanding, claims and disputes between the General Contractor and any Sub-contractor or supplier shall not be referred to the Consultant except to request interpretation and/or clarification of the intent of the plans or specifications. Such claims and disputes between the General Contractor and any Sub-contractor shall be resolved between those parties as required by Article 43.4 of these General Conditions.

38.2 The Consultant's decision shall be final and binding on the General Contractor unless the General Contractor submits to the Consultant and the Project Manager a written notice of appeal within fifteen (15) Calendar Days of the Consultant's decision. The General Contractor must present within fifteen (15) Calendar Days of the notice to appeal a narrative claim in writing with complete supporting documentation. After receiving the written claim, the Project Manager will review the materials relating to the claim and may meet with the Consultant and/or the General Contractor to discuss the merits of the claim. The Project Manager will render a decision within thirty (30) Calendar Days after receiving the written claim and supporting documentation. The decision of the Project Manager shall be final and binding pending further appeal as provided for in Article 39. If the Consultant or the Project Manager do not issue a written decision within thirty (30) calendar days after receiving the claim and supporting documentation, or within a longer period as may be established by the parties to the Contract in writing, then the General Contractor may proceed as if an adverse decision had been received.

38.3 If the Project Manager does not agree with the Consultant's decision on a claim by the General Contractor, the Project Manager shall notify the General Contractor and the Consultant and direct the General Contractor to perform the Work about which the claim was made and the General Contractor shall proceed with such Work in accordance with the Project Manager's instruction. If the General Contractor disagrees with a decision of the Project Manager concerning a General Contractor's claim, the General Contractor shall proceed with the Work as indicated by the Project Manager's decision.

38.4 The General Contractor shall continue to diligently pursue Work under the Contract pending resolution of any dispute, and the Owner shall continue to pay for undisputed work in place.

ARTICLE 39 - CLAIMS FOR DAMAGE

39.1 Should either party to the Contract suffer damage because of wrongful act or neglect of the other party, or of anyone employed by them, or others for whose act they are legally liable, or other controversy arising under the Contract, such claim or controversy shall be made in writing to the other party within thirty (30) days after the first occurrence of the event. Prior to the institution of any action in court, the claim or controversy (together with supporting data) shall be presented in writing to the Director of the Capital Project Management Division at the University of Kentucky ("Director") or his designee for the University of Kentucky. The Director, or designee, is authorized, subject to any limitations or conditions imposed by regulations, to settle, comprise, pay, or otherwise adjust the claim or controversy with the General Contractor. The Director, or designee, shall promptly issue a decision in writing. A copy of the decision shall be mailed or otherwise furnished to the General Contractor. The decision rendered shall be final and conclusive unless the General Contractor files suit pursuant to KRS 45A.245. If the Director, or designee, does not issue a written decision within one hundred and twenty (120) days after written request for a final decision, or within a longer period as may be established by the parties to the Contract in writing, then the General Contractor may proceed as if an adverse decision had been received.

39.2 Any legal action on the Contract shall be brought in the Franklin Circuit Court and shall be tried by the Court sitting without a jury. All defenses in law or equity, except the defense of government immunity, shall be preserved to the Owner. The Owner shall recover from the General Contractor all attorney's fees, costs and expenses incurred to the extent the Owner prevails in defending or prosecuting each claim in litigation of disputes under the Contract. The Owner is the prevailing party under this provision and is entitled to recover attorneys' fees, costs and expenses on a claim-by-claim basis to the extent the Owner successfully defeats or prosecutes each claim. A recovery of a net judgment by the General Contractor shall not be determinative of the Owner's right to recover attorneys' fees, expenses and costs. Rather, such a determination shall be made based on the extent that the Owner successfully defends or prosecutes each distinct claim in litigation under the Contract, even if the Owner does not prevail on every claim. The General Contractor shall be liable to the Owner for all attorney's fees, costs and expenses incurred by the Owner to enforce the provisions of the Contract.

ARTICLE 40 - LIENS

40.1 The filing and perfection of liens for labor, materials, supplies, and rental equipment supplied on the Work are governed by KRS 376.195 et seq.

40.2 Statements of lien shall be filed with the Fayette County Clerk and any action to enforce the same must be instituted in the Fayette Circuit Court, pursuant to KRS 376.250 (2).

40.3 The lien shall attach only to any unpaid balance due the General Contractor for the improvement from the time a copy of statement of lien, attested by the Fayette County Clerk, is delivered to the Owner, pursuant to the provisions of KRS 376.240.

ARTICLE 41 - ASSIGNMENT

41.1 Neither party to the Contract shall assign the Contract, or any portion thereof without the prior written consent of the other, which consent may be granted or withheld in the granting party's sole and absolute discretion. The General Contractor shall not assign any amount or part of the Contract or any of the funds to be received under the Contract unless the General Contractor has the prior written approval of the Owner (which approval may be granted or withheld in the Owner's sole and absolute discretion) and the Surety on the General Contractor's bond has given written consent to any such assignment.

ARTICLE 42 - SEPARATE CONTRACTS

42.1 The Owner reserves the right to enter into other Contracts in connection with the Project or to perform any work with the Owner's forces in the normal sequence of the work as depicted in the then current construction schedule. Except for work performed by University personnel, such contracts shall be assignable to the General Contractor and shall contain the same terms and conditions as the contracts between the General Contractor and the Sub-contractors. The General Contractor will be entitled to a maximum of 7% total fee on the value of such assigned contracts. The General Contractor shall afford other contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work and shall properly connect and coordinate its Work with theirs in such manner as the Consultant may direct.

42.2 Should the General Contractor cause damage to any separate contractor on the Work, and the separate contractor sues the Owner on account of any damage alleged to have been so sustained, the General Contractor shall be responsible for all costs, attorney's fees and expenses incurred by the Owner for defending such proceedings unless the Owner prevails on behalf of the General Contractor in which case fees and expenses will be the responsibility of the separate contractor and if any judgment against the Owner arises therefrom, the General Contractor shall pay or satisfy it and shall pay all costs, attorney's fees and expenses incurred by the Owner.

42.3 If any part of the General Contractor's Work depends upon the work of any other separate contractor, the General Contractor shall promptly report to the Consultant any observed defects in such work that render it unsuitable for proper execution connection. The failure to inspect and report shall constitute an acceptance of the other contractor's work as fit and proper for the reception of the work, except as to defects which may develop in the other contractor's work after the execution of the work.

42.4 Whenever work being done by the Owner's forces or by other contractors is contiguous to work covered by this Contract, the respective rights of the various parties involved shall be established by the Owner to secure the completion of the various portions of the Work in general harmony.

ARTICLE 43 - GENERAL CONTRACTOR/SUB-CONTRACTOR RELATIONSHIP

43.1 The General Contractor is fully responsible to the Owner for the acts and omissions of the Sub-contractors and of persons either directly or indirectly employed by them. The General Contractor is responsible for the acts and omissions of persons employed directly by the General Contractor and for the coordination of the Work, including placement and fittings of the various

component parts. No claims for extra costs as a result of the failure to coordinate the Work, or by acts or omissions of the various Sub-contractors, will be paid by the Owner.

43.2 Except as otherwise provided in these Contract Documents, the General Contractor agrees to bind every Sub-contractor by the terms and conditions of the Contract Documents as far as applicable to their portion of the Work. Upon request, the General Contractor shall provide copies of any subcontracts and purchase orders to the Owner or Consultant.

43.3 The General Contractor shall make no substitution or change in any Sub-contractor listed and accepted by the Consultant or Owner except as approved in writing by the Owner. The General Contractor shall not employ any Sub-contractor or supplier against whom the Owner or the Consultant has made reasonable and timely objection.

43.4 Nothing contained in the Contract Documents shall create any contractual relationship between the Owner and any Sub-contractor, Trade Contractor or Supplier, nor shall the General Contractor include any language in their contracts with any Sub-contractor, Trade Contractor and/or Supplier that might imply such a relationship. The General Contractor is hereby notified that it is the General Contractor's contractual obligation to settle disputes between Sub-contractors, Trade Contractors, and/or Suppliers. Neither the Owner nor the Consultant will settle disputes between the General Contractor and any Sub-contractor, Trade Contractor, and/or Supplier or between Sub-contractors, Trade Contractors, and/or Suppliers.

43.4.1 The Owner does not waive sovereign immunity under KRS 45A.245(1) for any claim or claims made by parties not having a written contract with the University of Kentucky.

43.4.2 Third party and/or flow-through type claims, from Sub-contractors and/or suppliers or any other entity not having a written contract directly with the University, are specifically prohibited by this Contract and no provision of the General Contractor's contracts with such entities shall indicate otherwise.

43.4.3 The General Contractor shall indemnify and hold harmless the Owner and its agents and employees from any claims relating to the Project brought against the Owner by any of the General Contractor's Sub-contractors or suppliers, or between their sub-contractors or suppliers.

ARTICLE 44 - CASH ALLOWANCE

44.1 The General Contractor is to provide or require the Sub-contractor(s) to include in the Contract Amount all costs necessary to complete the Work. Costs based on "allowances" shall be permitted only for objectively quantifiable material items and only with the prior written approval of the Owner.

ARTICLE 45 - PROJECT SITE LIMITS

45.1 The General Contractor shall confine the apparatus, the storage of materials, and the operations of Workmen to Project site limits indicated in the Contract Documents and as permitted by law, ordinances, and permits, and shall not unreasonably encumber the site with materials and equipment.

ARTICLE 46 - CLEAN UP

46.1 The General Contractor shall at all times keep the premises free from accumulation of waste material or rubbish caused by the operations in connection with the Work. All corridors and exit

doors must be kept clear at all times. All exit ways, walks, and drives must be kept free of debris, materials, tools and vehicles.

46.2 At the completion of the Work, and prior to final inspection and acceptance, the General Contractor shall remove all remaining waste materials, rubbish, General Contractor's construction equipment, tools, machinery, and surplus materials and shall leave the Work in a clean and usable condition, satisfactory to the Consultant and the Owner. If the General Contractor fails to clean up as provided in the Contract Documents, the Owner may perform the cleaning tasks and charge the cost to the General Contractor.

ARTICLE 47 - POINTS OF REFERENCE

47.1 The General Contractor shall carefully preserve bench marks, reference points and stakes, and in case of willful or careless destruction, the General Contractor shall be charged with the resulting expense of replacement and shall be responsible for any mistake that may be caused by their loss or disturbance.

ARTICLE 48 - SUBSTITUTION - MATERIALS AND EQUIPMENT

48.1 Reference to or the listing of items to be incorporated in the construction without referring to any specific article, device, equipment, product, material, fixture, patented process, form, method or type of construction, or by name, make, trade name, or catalog number shall be interpreted as establishing the general intent of the Contract and the general standard of quality for that item.

48.2 Specific references in the Contract Documents to any article, device, equipment, product, material, fixture, patented process, form, method or type of construction, or by name, make, trade name, or catalog number, with the words "or equal", shall be interpreted as establishing a minimum standard of quality, and shall not be construed as limiting competition.

48.2.1 Substitution of other equipment and materials as "or equal" to items named in the specifications will be allowed provided the proposed substitution is approved by the Consultant and will perform the functions called for by the general design, be similar and of equal quality to that specified and be suited to the same use and capable of performing the same function of that specified. The Contractor has the burden to prove equality of any substitution requested.

48.3 Specific references in the Contract Documents to any article, device, equipment, product, material, fixture, patented process, form, method or type of construction, or by name, make, trade name, or catalog number, without the words "or equal", shall be interpreted as defining an item or source that has after careful consideration been determined by the University as necessary to be compliant with, and/or to function properly within, the University operational system. No substitutions will be allowed.

48.3.1 In the event the Contract Documents contain specific reference to two (2) or more items as described in Article 48.3, any of those listed will be acceptable.

48.4 Substitution of equipment and materials previously submitted by the Contractor and approved by the Consultant will be considered only for the following reasons:

48.4.1 Unavailability of the materials or equipment due to conditions beyond the control of the supplier.

48.4.2 Inability of the supplier to meet Contract Schedule.

48.4.3 Technical noncompliance to specifications.

48.5 In substituting materials or equipment, the Contractor assumes responsibility for any changes in systems or modifications required in adjacent or related work to accommodate such substitutions, despite consultant approval, and all costs associated with the substitution shall be the responsibility of the Contractor. The Consultant shall be reimbursed by the Contractor for any architectural or engineering revisions required as the result of such substitutions.

48.6 Inclusion of a certain make or type of materials or equipment in the Contractor's bid proposal shall not obligate the Owner to accept such materials or equipment if they do not meet the requirements of the Contract Documents and any such substitutions in the preparation of the bid without written approval shall be at the sole risk of the Contractor.

ARTICLE 49 - TEST AND INSPECTION

49.1 Regulatory agencies of the government having jurisdiction may require any Work to be inspected, tested or approved. The General Contractor shall assume full responsibility therefore, pay all costs in connection therewith, unless otherwise noted, and furnish the Consultant the required certificates of inspection, testing or approval.

49.2 The General Contractor shall give the Consultant timely notice of readiness of the Work for all inspections, tests or approvals.

49.3 The technical specifications may indicate specific testing requirements to be performed by the General Contractor. Unless otherwise provided in the Contract Documents, the cost of all such testing shall be the responsibility of the General Contractor. Testing shall be completed using a testing facility or laboratory approved by the Owner.

49.4 The costs of all inspection fees as may be required to construct and occupy the Work shall be the responsibility of the General Contractor.

ARTICLE 50 - WARRANTY

50.1 The General Contractor warrants to the Owner and the Consultant that all materials and equipment furnished under this Contract shall be new and in accordance with the requirements of the Contract Documents, and that all Work shall be of good quality, free from faults and defects and in conformance with the Contract Documents. If required by the Consultant or the Owner, the General Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If the General Contractor requests approval of a substitution of material or equipment, the General Contractor warrants that such installation, construction, material, or equipment will equally perform the function for which the original material or equipment was specified. The General Contractor explicitly warrants the merchantability, the fitness for a particular purpose, and quality of all substituted items in addition to any to any warranty given by the manufacturer and/or supplier. Approval of any such substitution is understood to rely on such warrant of performance. Prior to the Substantial Completion inspection, the General Contractor shall deliver to the Consultant all warranties and operating instructions required under the Contract or to which the General Contractor is entitled from manufacturers, suppliers, and Sub-contractors. All warranties for products and materials incorporated into the Work shall begin on the date of Substantial Completion. The warranty provided in this Article 50 shall be in addition to and not a limitation of any other warranty or remedy required by law or by the Contract Documents, and such warranty shall be interpreted to require the General Contractor to replace defective material and equipment and re-execute defective Work which

is disclosed to the General Contractor by or on behalf of the Owner within a period of one (1) year after Substantial Completion of the entire Work in addition to other warranty obligations beyond one (1) year from Substantial Completion as provided for by law or by the Contract Documents.

50.2 Neither the final payment, any provision in the Contract Documents nor partial or entire use or occupancy of the premises by the Owner shall constitute an acceptance of Work not done in accordance with Contract Documents or relieve the General Contractor or its Sureties of liability with respect to any warranties or responsibilities for faulty materials and workmanship. The General Contractor or its sureties shall remedy any defects in Work and any resulting damage to Work at the General Contractor's own expense. The General Contractor shall be liable for correction of all damage resulting from defective Work. If the General Contractor fails to remedy any defects or damage, the Owner may correct Work or repair damages and the cost and expense incurred in such event shall be paid by or be recoverable from the General Contractor or the surety. The Owner will give notice of observed defects with reasonable promptness.

50.3 The General Contractor shall guarantee that labor, material, and equipment will be free of defects for a period of one (1) year from the date shown on the Certificate of Substantial Completion unless special conditions or additional warranty periods are required by the contract pursuant to Article 23 in addition to warranty obligations which extend beyond one year from Substantial Completion. The Owner will give notice of observed defects with reasonable promptness. Expendable items and wear from ordinary use are excluded from this warranty.

50.4 Should the General Contractor be required to perform tests that must be delayed due to climate conditions, it is understood that such tests will be accomplished by the General Contractor at the earliest possible date with provisions of the general warranty beginning upon satisfactory completion of said test. The responsibility of the General Contractor under this Article will not be abrogated if the Owner should elect to initiate final payment. If the Owner initiates final payment, consent of General Contractor's surety acknowledging that Work not yet tested is required. The General Contractor shall warrant that the entire Project will conform to the Contract Documents.

50.5 In addition to the foregoing, the General Contractor shall warrant for a period of one (1) year that all buildings and other improvements constructed as a part of the Work shall be watertight and leak proof at every point and in every area. The General Contractor shall, immediately upon notification by or on behalf of the Owner of water penetration, determine the source of water penetration and, at the General Contractor's expense, (a) do any work to be necessary to make such buildings or improvements watertight and (b) repair and replace any other damaged material, fences and furnishings damaged as a result of such water penetration and return the buildings or other improvements to their original condition.

50.6 The General Contractor shall address and resolve to the Owner's satisfaction any warranty claims made by or on behalf of the Owner during the above described warranty period and all repairs and replacements made by the General Contractor pursuant to this Article 50 shall be warranted by the General Contractor, on the terms set forth in this Article 50, for a period of time commencing upon the completion of such repairs and replacements and ending on the later of (a) the expiration of the one (1) year warranty period provided for above or (b) six (6) months after the date such repair or replacement is completed.

50.7 All costs, attorney's fees and expenses incurred by the Owner as a result of the General Contractor's failure to honor any warranty for the Work shall be paid by or recoverable from the General Contractor.

ARTICLE 51 - PREVAILING WAGE LAW REQUIREMENTS (NO LONGER USED AS OF 1/9/2017)

ARTICLE 52 - APPRENTICES

52.1 Apprentices (for all classifications of work) shall be permitted to work only under an apprenticeship agreement approved by the Kentucky Supervisor of Apprenticeship and by the Kentucky Apprenticeship and Training, United States Department of Labor.

ARTICLE 53 - GOVERNING LAW

53.1 This Contract and all issues and disputes arising out of this Contract shall be governed by, construed and enforced in accordance with the laws of the Commonwealth of Kentucky without consideration of its conflicts of laws principles.

ARTICLE 54 - NONDISCRIMINATION IN EMPLOYMENT

54.1 During the performance of the Contract, the General Contractor agrees as follows:

54.1.1 The General Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, national origin, or disability in employment. The General Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, age, national origin, or disability in employment. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The General Contractor agrees to post in conspicuous places available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

54.1.2 The General Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the General Contractor; state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, national origin or disability in employment.

54.1.3 The General Contractor will send to each labor union or representatives of workers with which it has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the General Contractor's commitments under this Article, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

54.2 Failure to comply with the above nondiscrimination clause constitutes a material breach of Contract.

ARTICLE 55 - AFFIRMATIVE ACTION; REPORTING REQUIREMENTS

55.1 The General Contractor and any Sub-contractor is exempt from any affirmative action or reporting requirements, under the Kentucky Equal Employment Opportunity Act of 1978, KRS 45.550 to KRS 45.640 "The Act", if any of the following conditions are applicable:

55.1.1 The sub-contract awarded is in the amount of two hundred and fifty thousand dollars (\$250,000.00) or less, and the amount of the sub-contract is not a subterfuge to avoid compliance with the provisions of the Act;

55.1.2 The General Contractor or Sub-contractor utilizes the services of fewer than eight (8) employees during the course of the Contract;

55.1.3 The General Contractor or Sub-contractor employs only family members or relatives;

55.1.4 The General Contractor or Sub-contractor employs only persons having a direct ownership interest in the business and such interest is not a subterfuge to avoid compliance with the provisions of The Act.

55.2 The General Contractor and any Sub-contractor, not otherwise exempted, shall:

55.2.1 For the length of the Contract, hire DBE's from within the drawing area to satisfy the agreed upon goals and timetables. Should the union with which the General Contractor or Sub-contractor have collective bargaining agreements be unwilling to provide sufficient DBE's to satisfy the agreed upon goals and timetables, the General Contractor and Sub-contractors shall hire DBE's from other sources within the drawing area.

Diverse Business Enterprises (DBE) consist of minority, women, disabled, veteran and disabled veteran owned business firms that are at least fifty-one percent owned and operated by an individual(s) of the aforementioned categories. Also included in this category are disabled business enterprises and non-profit work centers for the blind and severely disabled. MBE, WBE, Veterans, Disabled Veterans and Disabled make up Diverse Business Enterprises (DBE)

55.2.2 The equal employment provisions of The Act may be met in part by the General Contractor contracting to a Diverse Business Enterprise (DBE) contractor or Sub-contractor.

55.2.3 Each General Contractor shall, for the length of the Contract, furnish such information as required by The Act and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to its employment practices and Work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with The Act and such rules, regulations and orders issued pursuant thereto.

55.3 If the General Contractor is found to have committed an unlawful practice against a provision of The Act during the course of performing under this Contract, a subcontract covered under The Act, the Owner may cancel or terminate the Contract, conditioned upon a program for future compliance approved by the Owner. The Owner may also declare such General Contractor ineligible to submit proposals on further contracts until such time as the General Contractor complies in full with the requirements of The Act.

55.4 Any provisions of The Act notwithstanding, no General Contractor shall be required to terminate an existing employee, upon proof that employee was employed prior to the date of the Contract, nor hire anyone who fails to demonstrate the minimum skills required to perform a particular job.

Exhibit B - Special Conditions

UNIVERSITY OF KENTUCKY SPECIAL CONDITIONS OF THE CONTRACT

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Exhibit B - Special Conditions

ARTICLE 01 GENERAL INFORMATION

- 1.1 These Special Conditions are intended to modify, supplement, or delete from, applicable Articles of the General Conditions.
- 1.2 Where any Article of the General Conditions is supplemented by these Special Conditions, the Article shall remain in effect and the supplement shall be added thereto.
- 1.3 Where Special Conditions conflict with General Conditions, provisions of the Special Conditions take precedence.

ARTICLE 02 FIELD CONDITIONS

- 2.1 General Contractor will secure all data at the site of the building such as grades of lot, convenience of receiving and sorting material, location of public services, and other information which will have a bearing on proposals or on the execution of the Work and shall address these issues in the preparation of their bid. No allowance shall be made for failure of the General Contractor to obtain such site information prior to submitting their proposal, and no adjustment to the General Contractor's Contract amount or stipulated time for completion shall be allowed when due to failure by the General Contractor to do so.

ARTICLE 03 (NOT USED)

ARTICLE 04 CONSULTANT

- 4.1 Wherever in these Special Conditions reference is made to the Consultant, it shall be understood to mean the Design Consultant responsible for architectural, engineering, and/or consulting services, or their duly authorized representatives. (See Article 2 of the General Conditions.)

ARTICLE 05 GEOTECHNICAL REPORT

- 5.1 See: Detailed Scope of Work.

ARTICLE 06 TIME FOR COMPLETION

- 6.1 See Request for Price Proposal

ARTICLE 07 LIQUIDATED DAMAGES

- 7.1 Should the General Contractor fail to achieve Substantial Completion of the Work under this Contract on or before the date stipulated for Substantial Completion (or such later date as may result from extensions in the Contract Time granted by the Owner), he agrees that the Owner is entitled to, and shall pay the Owner as liquidated damages the sum of **[See Request for Price Proposal]** for each consecutive calendar day that Substantial Completion has not been met. See Article 3 of the Agreement.
- 7.2 Should the General Contractor fail to achieve Final Completion of the Work under this Contract on or before the date stipulated for Final Completion (or such later date as may result from extensions in the Contract Time granted by the Owner), he agrees that the Owner is entitled to, and shall pay the Owner as liquidated damages the sum of **[See Request for Price Proposal]** for each consecutive calendar day until Final Completion is reached. See Article 3 of the Agreement.

ARTICLE 08 SUBMITTALS AND SHOP DRAWINGS

8.1 SUBMISSIONS - GENERAL

- 8.1.1 The General Contractor shall submit each set of Shop Drawings, product data, samples, and test and/or certification reports as a separate item in UK E-Communication®. Projects not utilizing UK E-Communication® must submit all items electronically to the Consultant and the UK Project Manager and Administrative Coordinator.
- 8.1.2 All sample selections for color shall be submitted for approval at the same time. Color selections shall not be submitted individually.
- 8.1.3 Any deviation from the Contract Documents shall be noted on the transmittal form comment section.

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- 8.1.4 All submittals are to be reviewed by the General Contractor for compliance with the Contract Documents before submission for approval. All submittals are to be initiated by the General Contractor. Submittals made directly to the Consultant by sub-contractors, manufacturers or suppliers will not be accepted or reviewed.
- 8.1.5 Re-submittals shall conspicuously note all changes from earlier submissions. Special notation by the General Contractor shall be made to any changes other than those in response to the Consultant's review.
- 8.1.6 Manufacturers shall, when requested by the Consultant, submit test reports prepared by reputable firms or laboratories certifying as to performance, operation, construction, wearability, etc., to support claims made by the manufacturer of the equipment or materials proposed for inclusion in the Work. General Contractor shall also submit a list of three (3) installations where said equipment or materials have been in service for a minimum of five (5) years.

8.2 SUBMISSIONS - REVIEW

- 8.2.1 Review of submittals is only for compliance with the design concept and the contract documents. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR CHECKING DEVIATIONS FROM CONTRACT DOCUMENT REQUIREMENTS OR CHANGES FROM EARLIER SUBMISSIONS NOT SPECIFICALLY NOTED.
- 8.2.2 The following shall be verified prior to making submittals:
Field Measurements, Field Construction Criteria, Catalog numbers and similar data, Quantities and Capacities, and Compliance with requirements, including verification of all dimensions.
- 8.2.3 Review Stamp designations shall be as follows:
 - 8.2.3.1 "NET = No Exceptions Taken": Proceed with the Work, no corrections needed.
 - 8.2.3.2 "FC= Furnish as Corrected": Proceed with the Work, noting the corrections/conditions of the approval.
 - 8.2.3.3 "RR = Revise and Resubmit": Do not proceed with the Work, as the submittal does not comply with the Contract Documents. Revisions to the submittal are required for approval. On projects utilizing UK E-Communication, "Send Back a Step" is used in lieu of "Revise and Resubmit"
 - 8.2.3.4 "R = Rejected": Do not proceed with the Work, the submittal is rejected.

8.3 SUBMISSIONS - SPECIAL PROVISIONS

- 8.3.1 In making a submittal, the General Contractor shall be deemed to be making the following representations:
 - 8.3.1.1 The General Contractor understands and agrees that he shall bear full responsibility for the products furnished. The General Contractor expressly warrants that products described in the attached submittal will be usable and that they conform to the Contract requirements unless specifically noted otherwise.
 - 8.3.1.2 The General Contractor understands and agrees that, without assuming design responsibility, he expressly warrants that products described in the attached submittal are capable of being used in accordance with the intent of the design documents and that they conform to the Contract requirements unless specifically noted otherwise.
 - 8.3.1.3 The General Contractor acknowledges that the Owner will rely on the skill, judgment, and integrity of the General Contractor as to conformance requirements and subsequent usability.

8.4 SHOP DRAWING AND PROCUREMENT SUBMITTAL LOG

- 8.4.1 The General Contractor, within ten (10) days after the Pre-Construction meeting, shall begin uploading submittals using UK E-Communication[®], to generate a log fixing the dates for submission of Shop Drawings, special order material items, certifications, guarantees, and any other items required to be submitted to the Consultant for review, approval or acceptance. Projects not utilizing UK E-Communication[®] will submit a Shop Drawing Log provided by the Owner during the Pre-Construction Meeting.

Exhibit B - Special Conditions

- 8.4.2 The log shall track all submittals to date. The updated log shall then be reviewed and discussed at each progress meeting to determine items that may impact the construction schedule.

8.5 Shop Drawings

- 8.5.1 The General Contractor shall review, approve, and submit Shop Drawings to the Consultant, in accordance with the Consultant's Shop Drawing & Procurement Submittal Log or UK E-Communication®, as herein detailed. By approving and submitting Shop Drawings, the General Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.
- 8.5.2 The General Contractor shall submit Shop Drawings required for the Work and the Consultant will review and take appropriate action. The review and approval shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The approval of a separate item will not indicate approval of the assembly in which the item functions.
- 8.5.3 The General Contractor shall make any corrections required by the Consultant for compliance to the Contract and shall return the required number of corrected copies of Shop Drawings and resubmit new samples until approved. The General Contractor shall direct specific attention, in writing, or on resubmitted Shop Drawings, to revisions other than the corrections called for by the Consultant on previous submissions. The General Contractor's stamp of approval on any shop drawing or sample shall constitute a representation to Owner and Design Consultant that the General Contractor has either determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data, or he assumes full responsibility for doing so, and that he has reviewed or coordinated each shop drawing or sample with the requirements of the Work and the Contract Documents.
- 8.5.4 Where a shop drawing or sample submission is required by the specifications, no related Work shall be commenced until the submission has been approved by the Design Consultant. A copy of each approved shop drawing and each approved sample shall be kept in good order by the General Contractor at the site and shall be available to the Consultant.
- 8.5.5 The Consultant's approval of Shop Drawings or samples shall not relieve the General Contractor from his responsibility for any deviations from the requirements of the Contract Documents unless the General Contractor has in writing called the Consultant's attention to such deviation at the time of submission and the Consultant has given written approval to the specific deviation. Any approval by the Consultant shall not relieve the General Contractor from responsibility for errors or omissions in the Shop Drawings.
- 8.5.6 All submittals are to be submitted electronically by the contractor. Shop Drawings submitted through UK E-Communication® shall be scanned and submitted in color. Mark-ups must be made using visible color when printed. Workflow in UK E-Communication® will be established during the workflow meeting. Each individual Shop Drawing shall have its respective specification number and description highlighted.
- 8.5.7 Where Shop Drawings include fire alarm, communication systems schematics, sprinkler systems, etc., a sepia of each drawing shall be submitted to the Consultant as part of the "Record" set of drawings.

8.6 SUBMISSIONS - SAMPLES

- 8.6.1 Office samples shall be of sufficient size and quantity to clearly illustrate functional characteristics of the product with integrally related parts and attachment devices, and full range of color, texture, and pattern.
- 8.6.2 Products shall not be used until the sample has been submitted to and approved by the Consultant.
- 8.6.3 A minimum of two (2) samples are required to be submitted to the Consultant for review and approval and will be distributed as follows:
- a) One (1) to be retained by the University;
 - b) One (1) to be returned to the Design Consultant;
 - c) An additional sample or samples may be submitted, at the General Contractor's option, for distribution to a third party.

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- 8.6.4 Field samples (block, brick, etc.) of materials to be constructed at the site shall be submitted for review as required by the individual section of the Contract Documents.

8.7 SUBMISSIONS - OPERATION AND MAINTENANCE MANUALS

- 8.7.1 The University requires a minimum of one (1) bound copies and one (1) digital copy of the final installation, training, operation, maintenance, and repair manuals to be turned over to the Owner's Project Manager and approved for content by the Consultant by or before the time construction is 75% complete. Projects utilizing e-Communication will create digital copy from the Document Library (Closeouts) in e-Communication. The Closeout Log must contain individual line items for each physical copy submitted with corresponding PDF attachments. Operation and maintenance manuals and materials, where specified, for mechanical and electrical equipment and for operating items other than mechanical and electrical equipment must be submitted in PDF format with a separate PDF file for each item. In the event the General Contractor fails to provide these required electronic submittals prior to reaching seventy-five (75%) completion, it is agreed that the Owner at its sole discretion may deduct from the current and subsequent Applications for Payment an amount deemed by the Owner to be sufficient to encourage prompt compliance with this contractual requirement, until such time as acceptable O&M manuals are received.

- 8.7.2 Manuals provided must be of sufficient detail to enable the Owner or others to install, calibrate, train, operate, maintain, service and repair every system, subsystem, and/or piece of equipment installed on or as part of this Contract. Closeout Documents submitted through UK E-Communication® shall be scanned and submitted in color. Mark-ups must be made using visible color when printed. Each manual must contain:

- 8.7.2.1 Project Title, Project number, Location, dates of submittals, names, addresses and phone number for the Consultant, General Contractor, and General Contractor's Subcontractors;

- 8.7.2.2 An Equipment Index that includes vendor's names, addresses, and telephone numbers for all equipment purchased on the Project;

- 8.7.2.3 Emergency instructions with phone numbers and names of contact persons on warranty items shall be uploaded to UK E-Communication®;

- 8.7.2.4 Copies of each system's air balancing record and each system's hydronic balancing record (1) physical copy and (1) digital copy in eCommunication ;

- 8.7.2.5 Copy of valve tag list;

- 8.7.2.6 Copy of As-Built temperature control system drawings and components and sequence of operation;

- 8.7.2.7 Original copies of the following provided by the manufacturer:

Installation manuals	Instruction Manuals
Training manuals	Calibration manuals
Service Manual	Operation manuals
Parts list	Repair manuals
Reviewed Shop Drawings	Wire list
	Keying Bit List

- 8.7.2.8 Any Computer, Micro controller, and/or Microprocessor equipped equipment installed shall be provided with source code copies of all software and firmware (prom, EPROM, ROM, other) supplied on this Contract; and

- 8.7.2.9 Copies of all inspection and guarantee certificates, manufacturers' warranties with the University of Kentucky listed as the Owner for all equipment provided and/or installed.

- 8.7.2.10 All manuals shall be as follows: Bound in hard cover three(3) ring (D-type) binder, 1", 1.5" or 2" maximum, indexed and in CSI format, tabbed (4,5,8 or 16th cut), no more than 80% binder fill, white vinyl, presentation type with clear vinyl view cover on front, back and spine and with pockets on front and back.

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Maximum drawing size in binder shall be folded 11"x17" and shall be hole punched and reinforcements added. Do not put drawings in pockets. Top of all drawings shall be at top or spine side of the manual. Complete drawings must be viewed without opening rings. Provide binders as manufactured by Universal Office Products, Des Plaines, IL. 1"(S# B2-20742), 1.5"(B2-20744), or 2"(B2-20746) or equal.

8.7.2.11 If the binder includes manuals from any single vendor covering several different model numbers, the model used on the Project must be highlighted.

8.7.2.12 Included in the front of the "Operation and Maintenance Manual" shall be a copy of the Interior and Exterior Finish plan and Schedule listing all finish materials, the manufacturer, the finish color, and the manufacturer's paint number.

8.7.2.13 Photograph album containing photos and negatives or digital images (.pdf format) showing buried utilities and concealed items shall be included.

8.8 SUBMISSIONS – AS - BUILT SET OF DRAWINGS

8.8.1 The General Contractor shall submit one (1) electronic copy of As - Built set of drawings in .pdf format indicating all deviations of construction as originally specified in the Contract Documents. These As-Built Drawings will compile information from the General Contractor as well as all Sub-contractors. The General Contractor shall provide a qualified representative to update the As - Built set of drawings as construction progresses. As-Built drawings submitted through UK E-Communication® shall be scanned and submitted in color. Mark-ups must be made using visible color when printed

8.8.2 The General Contractor shall provide and utilize a camera to photograph the installation of buried utilities and concealed items. The General Contractor shall provide standard 3 1/2" x 5" photographs with negatives, or digital images (.jpeg format), which shall be submitted as part of the Operation and Maintenance Manuals submission. These photos should be mounted in a bound album with labeling as to subject of photo, date, and Project. Such album is to be kept at job site with the As - Built set of drawings until submittal of same.

8.8.3 Approval of the Final Payment request will be contingent upon compliance with these provisions. The General Contractor's As – Built set of drawings shall be delivered to the Consultant at their completion so that the Consultant may make any changes on the original contract drawings.

8.9 SUBMISSIONS - SAP EQUIPMENT LIST

8.9.1 Complete equipment list for use with SAP software in electronic spreadsheet format. Data is to be provided in Unifomat format with the information being provided for individual locations as noted in Attachment A – Unifomat Component List. Information is to be provided as follows (PPDMC or CPPD will provide blank Excel spreadsheets in electronic form for use in compiling the information, if desired)

8.9.2 All materials that require preventative maintenance (PM) are listed as in Attachment A. The equipment list is to be provided in Excel spreadsheet format and is to include the information listed in Attachment B

8.9.3 Required maintenance procedure listing each work task in Excel spreadsheet format as shown in Attachment C.

8.9.4 Required frequency of maintenance for the work tasks outlined in 8.9.3 above and included in the Attachment C spreadsheet

8.9.5 Listing of maintenance parts and items: i.e. filters, lubricants, etc. for each work task listed in 8.9.3 above.

8.10 SUBMISSIONS – MAINTENANCE MATERIALS

8.10.1 If specified, Maintenance/Replacement Materials, Spare Parts, and special maintenance tools for proper maintenance shall be provided by the General Contractor.

ARTICLE 09 PLANS, DRAWINGS, AND SPECIFICATIONS

9.1 The successful General Contractor can purchase any number of sets of plans and specifications from Lynn Imaging, Lexington, Kentucky (<http://www.ukplanroom.com/> or phone Lynn Imaging @ 1.800.888.0693 or 859.255.1021). The General Contractor will be required to pay Lynn Imaging for the cost of duplication for all sets required.

Exhibit B - Special Conditions

- 9.2 The University will provide two sets of the 'Official Contract Documents' book to the successful General Contractor. One (1) set is to be for his office and the other set is for the jobsite.
- 9.3 All drawings, specifications and copies thereof, prepared by the Consultant, are the property of the University of Kentucky. They are not to be used on other Work.

ARTICLE 10 PROGRESS MEETINGS

- 10.1 In addition to specific coordination and pre-installation meetings for each element of Work, and other regular Project meetings held for other purposes, progress meetings will be held as outlined at the Preconstruction Meeting. Each entity then involved in planning, coordination or performance of Work shall be properly represented at each progress meeting. The following areas will be covered at each progress meeting: current status of work in place, General Contractor's review of upcoming work (1 month look ahead), schedule status, upcoming outages, new outage requests, shop drawings due from contractors, shop drawings being reviewed, outstanding RFI's, outstanding proposed change orders, change orders, new business, As-Built updated, close-out documents status, defective work in place issues, review "pencil copy" of payment application, safety issues and new business or other issues not covered above. With regard to schedule status, discuss whether each element of current work is ahead of schedule, on time, or behind schedule in relation with updated progress schedule; determine how behind-schedule Work will be expedited, and secure commitments from entities involved in doing so; discuss whether schedule revisions are required to ensure that current Work and subsequent Work will be completed within Contract Time; and review everything of significance which could affect the progress of the Work.
- 10.2 General Contractor shall prepare and submit at each progress meeting an updated schedule indicating Work completed to date and any needed revisions.
- 10.3 With the express purpose of expediting construction and providing the opportunity for cooperation of affected parties, progress meetings will be held and attended by representatives of:
- (1) The Owner's Project Manager
 - (2) The Consultant.
 - (3) General Contractor.
 - (4) Sub-contractors.
 - (5) Others requested to attend (as deemed necessary by CPMD).
 - (6) Physical Plant Division Representative
- 10.4 A location near the site will be designated where such progress meetings will be held. Participants will be notified of the dates and times of the meetings by the Consultant.

ARTICLE 11 CONSTRUCTION SCHEDULE – BAR CHART

- 11.1 The General Contractor shall prepare construction schedules as a bar chart, with separate divisions for each major portion of the work, and in sufficient detail to identify the plan and sequence of construction to be followed in meeting the requirements of the Contract. Schedules shall include divisions for Work to be accomplished remote from the central construction site, e.g. utilities from outside the construction site to the site for chilled water, steam, electrical, communications, and/or fire service. Such Work shall be scheduled so that disruption resulting from construction will be minimized. Start dates and completion dates for such Work must be maintained and completed in the shortest reasonable time. The sequence of listings shall follow the Table of Contents of the Specifications. Maximum sheet size shall be 30" x 42". The schedule shall show the complete sequence of construction, by activity, with dates for beginning and completion of each element of the Work.
- 11.1.1 For projects requiring a bar chart schedule instead of a Critical Path Method (CPM) schedule, the following Articles of the General Conditions are amended as follows:
- 11.1.2 Article 21.4.2 of the General Conditions to the Contract is amended to read as follows:
- 21.4.2 Requests for an extension of time due to unusually bad weather shall be considered for approval only if it is shown that a) the unusual weather event delayed work on a specific weather sensitive activity or activities that had been planned to be underway on the date(s) on which the weather event occurred, as shown in the most recent update to the Project schedule that had been submitted to the Owner prior to the date of the event and b) that the delay to that activity or activities is shown to be the proximate cause of a corresponding delay to the contractually required completion dates for the Project that were shown in the most recent update to the Project schedule. The actual dates on which the delay(s) occurred must be stated and the specific activities that were directly impacted must be identified. In the event of concurrent delays, only those activities actually impacting the Project contractually

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required completion dates will be considered in evaluating the merit of a delay request and in adjusting the schedule. Time extensions will not be considered for concurrent delays not caused by the Owner. Requests for an extension of time which are not supported by this information shall not be considered for approval by the Owner.

11.1.3 Article 21.4.3 of the General Conditions to the Contract is amended to read as follows:

21.4.3 In anticipation of the possibility of delay due to unusual bad weather, the General Contractor shall identify those activities in the schedules, and those activities subsequently added to updated schedules, that might reasonably be expected to be delayed by bad weather.

11.1.4 Article 21.7 of the General Conditions to the Contract is amended to read as follows:

21.7 The Contract Time will only be adjusted for causes specified above. Extensions of time will only be approved if the General Contractor can provide justification supported by the Project schedule or other acceptable data that such changes extend the contractually required date of Substantial Completion, and that the General Contractor has expended all reasonable effort to minimize the impact of such changes on the construction schedule. No additional extension of time will be granted subsequently for claims having the basis in previously approved extensions of time.

11.1.5 Article 21.8 of the General Conditions to the Contract is amended to read as follows:

21.8 In support of requests for an extension of time not caused by unusual inclement weather, and concurrently with the submittal of any such request, the General Contractor shall submit to the Consultant and the Owner a written impact analysis showing the influence of each such event on contractually required completion dates as shown in the updated Project schedule most recently submitted to the Owner prior to the event. The analysis shall include the sequence of new or revised activities and/or durations that are proposed to be added to the existing schedule including related logic. This impact analysis shall include the new activities and/or activity revisions proposed to be added to the existing schedule and shall demonstrate the claimed impact on the contractually required completion dates. The General Contractor will not be granted an extension of time and/or relief from liquidated damages when the delay to completion of the work is attributable to, within the control of, or due to the fault, negligence, acts, or omissions of the General Contractor and/or the General Contractor's contractors, subcontractors, suppliers, or their respective employees and agents. Time extensions will not be considered for concurrent delays not caused by the Owner. In the event of concurrent delays, only that event actually impacting contractually required completion dates will be considered in adjusting the schedule and evaluating the merit of a delay claim. Requests for an extension of time which are not supported by this information shall not be considered for approval.

11.1.6 Article 32.1 of the General Conditions to the Contract is amended to read as follows:

32.1 The General Contractor shall prepare and submit to the Owner and the Consultant a bar-chart type construction schedule for the Work. The schedules shall include all activities necessary for performance of the work showing the duration and the planned start and finish dates for each activity. The schedules shall include, but not be limited to, submittal processing, fabrication and delivery of materials, construction, testing, clean-up, work and/or materials to be provided by the Owner, dates and durations for major utility outages requiring coordination with the Owner and the Owner's operations, and significant milestones related to the completion of the Project.

11.2 The schedule shall be submitted to the Consultant and to the Owner for review within thirty (30) calendar days after the date established for the start of Work on the Project as stated in the official Work Order and Notice to Proceed. Review will be only for general conformance to the requirements of the contract. Review comments and/or acceptance of the Contractor's schedule shall not relieve the Contractor of any obligation for compliance with all requirements of the Contract Documents. Such review and comments shall not constitute interference with the Contractor's means and methods of construction, which shall remain solely the responsibility of the Contractor.

11.3 Schedules shall be revised no less frequently than monthly to coincide with regular monthly Project progress meetings and submission of Applications for Payment and shall be updated to indicate progress of each activity to the date of submittal, the projected completion of each activity, any activities modified since previous submittal, any major changes in scope, and all other identifiable changes, and further shall be accompanied by a narrative report to define problem areas, anticipated delays, impact on the progress of the Work, and to report corrective action taken or proposed.

11.4 Initial schedules shall be submitted within thirty (30) calendar days after the date established in Notice to Proceed. After review, required revisions to the schedule shall be completed and incorporated in the schedule within ten (10) calendar days.

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Up-dated Progress Schedules shall be submitted with each Application for Payment. Submissions must include one (1) opaque reproduction and one (1) electronic copy (disk or CD) along with a transmittal letter.

- 11.5 Copies of reviewed Schedules are to be provided to the job site file and, as appropriate, to sub-contractors, suppliers, and other concerned entities, including separate contractors. Recipients are to be instructed to promptly report, in writing, problems anticipated by projections shown in schedules.
- 11.6 The processing of all progress payments is contingent upon the submission of updated schedules.
- 11.7 The processing of all Change Orders requesting a time extension to the contract are contingent upon the submission and approval of a revised schedule demonstrating that the change order does impact the date of completion for the entire project. Time extension requests associated with Change Orders that do not impact the date of completion for the entire project will be rejected.

ARTICLE 12 WALK-THROUGH

- 12.1 After the "Work Order" is issued but before Work by the General Contractor is started, a walk-through of the area is required to document the condition of the space, surfaces, or equipment. It is the responsibility of the General Contractor to schedule the walk-through with the Owner's Project Manager, the Consultant, and other interested parties.
- 12.2 During the walk-through, General Contractor shall identify all damaged surfaces or other defective items that exist prior to construction.
- 12.3 The walk-through shall be attended by Owner's Project Manager, a Representative of the user of the facility, the General Contractor and the Consultant
- 12.4 Written documentation of the walk-through is to be provided by the Consultant with copies distributed to all parties. Polaroid type color photographs are to be provided and labeled by General Contractor and one (1) copy of such photographs are to be given to Consultant. (Digital photos in a .jpg format are acceptable if submitted on digital media storage) All parties attending the walk-through agree on the list of damages.

ARTICLE 13 OWNER'S CONSTRUCTION REPRESENTATIVE (NOT USED)

ARTICLE 14 FIELD OFFICE

- 14.1 A field office shall not be required for this Project.

ARTICLE 15 TELEPHONE SERVICE

- 15.1 General Contractor shall arrange through UKIT Communications and Network Systems for installation of on-site phone, internet and other communications services. Telephone service during the length of construction shall be paid for by the General Contractor. (Cell phone/Nextel service in lieu of UKIT Communications and Network Systems phone service may be utilized at General Contractor's option.)

ARTICLE 16 CONSTRUCTION FENCE

- 16.1 Construction fencing will be designed and erected around job sites where there is a possibility of injury to employees, students or the public. Special precautions must be taken to protect the visually impaired, disabled, children and others using the University facilities. During active excavation/trenching operations, fencing shall be erected to prevent unauthorized entry into the site. All fencing shall comply with the current requirements of the International Building Code except where the following requirements are more stringent.
 - 16.1.1 All job site perimeter fencing within 5 feet of a walkway, street, plot line, or public right-of-way shall be 8 feet in height. Perimeter fencing that blocks sidewalks must include signs directing pedestrians to a safe walkway or crosswalk. Signage may be attached to the fence, but may also be required to inform pedestrians of sidewalk closures and detours prior to arriving at the closed area. General Contractor shall provide electrical pedestrian and general lighting along the top rail of the perimeter of the construction site fence to provide a minimum illumination level of 1.5 foot candles. Pedestrian and perimeter fence lighting shall be installed in conduit, raceway, and/or pathway system properly supported to the perimeter fence. Open or flexible cabling will not be acceptable.

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- 16.1.2 All job site perimeter fencing more than 5 feet from a walkway, street, plot line, or public right-of-way shall be a minimum of 6 feet in height unless International Building Code requirements are more restrictive due to the height of the structure and setback.
- 16.1.3 All fencing shall be of a woven material such as chain link or a solid type fence. Fencing shall include gates required for construction operations. Gates shall be lockable with both the General Contractor's lock, and a lock provided by the Owner. Lock by Owner shall be keyed for the University Best GA key core. All locks to be "daisy-chained" to provide access to the Owner.
- 16.1.4 It shall be the General Contractor's responsibility to determine the proper quality of materials and methods of installation of the fencing, with the understanding that it must be maintained in good condition, good appearance, rigid, plumb, and safe throughout the construction period. The fence does not have to be new material. The fence is to be erected on fence posts securely anchored in the ground. Provide a top bar or, with prior approval of the owner, a wire shall be run through the top of the fence and attached to the end posts. A tension control device shall be installed as necessary. Use of sandbags, concrete weights, stakes, etc. to hold fence posts in place are not allowed. Penetrations in pavement or landscape walking surfaces may not be made without the approval of the owner. Any damage caused by the fence installation shall be repaired in a manner satisfactory to the owner. When fencing is to remain in place for six (6) months or more a green fabric mesh must be provided for the full height and length of the fence. Fabric should be omitted for one (1) section of fencing where blind corners occur or at pedestrian/vehicle intersections.
- 16.1.5 The General Contractor shall be responsible for removing and replacing any fence sections and/or posts necessary for access to the site on a daily basis. The General Contractor shall police such conditions to assure the fence and posts are reset in a timely manner and are specifically in place at the close of the working day.
- 16.1.6 If the General Contractor fails to comply with the requirements of this Article 16, the Owner may proceed to have the work done and the General Contractor shall be charged for the cost of the Work done by unilateral deductive change order.
- 16.1.7 Plastic construction fencing is not acceptable as a perimeter protection fence.

ARTICLE 17 PROJECT SIGN

- 17.1 No signs, except those attached to vehicles or equipment, may be displayed without permission from the Consultant and the Owner's Project Manager. No political signs will be permitted.

ARTICLE 18 PARKING

- 18.1 No on-campus parking is available. The Contractor shall develop a parking plan as part of the required Pre-Construction Services element of this Contract in anticipation that the majority of required parking will have to be off-campus.

ARTICLE 19 SANITARY FACILITIES

- 19.1 Restroom facilities in one of the surrounding buildings will be designated at the Pre-Construction Meeting for use by the General Contractor's workforce during construction. The designated restroom(s) and areas accessible to General Contractor must be kept clean and neat during construction. Failure to keep them clean will result in the General Contractor being required to provide portable toilets at his cost at the site. Drinking water shall be provided from an approved safe source so piped or transported as to be kept clean and fresh and served from single service containers or satisfactory types of sanitary drinking stands or fountains. All such facilities and services shall be furnished in strict accordance with existing governing health regulations.

ARTICLE 20 RULES OF MEASUREMENT

- 20.1 Rules of Measurement shall be established by the Consultant in the field. Actual measurement shall be taken in the field. These amounts shall become binding upon the General Contractor and be adjusted as before mentioned.
- 20.2 The General Contractor shall pay for and coordinate through the Consultant and/or the Owner's Project Manager all associated Work by utility companies including relocation of utility poles, installation of new street lights, relocation of overhead or underground lines, and any other Work called for on the Plans and in the Specifications.

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ARTICLE 21 ALLOWANCES (NOT USED)

ARTICLE 22 SEQUENCE OF CONSTRUCTION

- 22.1 Not Used
- 22.2 All materials and equipment are to be brought into the project site from the approved staging location and are not to be brought through the existing buildings or loading docks. Any and **all** exceptions shall be approved by, and closely coordinated with, the Owner's Project Manager in advance of scheduling or performing the work.
- 22.2.1 The General Contractor shall coordinate any road and sidewalk closings, utility disruptions, etc. which will affect the use of the existing building(s) with the Owner's Project Manager prior to commencing that Work.
- 22.3 The adjacent buildings and public areas will remain in use and the Owner shall have access to the existing building(s) throughout the duration of the Project. The General Contractor shall coordinate construction activity to assure the safety of those who must cross the Project site and shall provide and maintain the necessary barriers and accommodations for a completely safe route of accessibility. The General Contractor is to insure that all exits provide for free and unobstructed egress. If exits must be blocked, prior arrangements must be made with the Owner's Project Manager.
- 22.4 The General Contractor shall cooperate with the Owner to minimize inconvenience to, or interference with normal use of existing buildings and grounds by staff, students, other Contractors, or the public. General Contractor shall conduct operations to prevent damage to adjacent building structures and other facilities and in such a manner to protect the safety of building's occupants.
- 22.5 Special effort shall be made by the General Contractor to prevent any employee from entering existing buildings for reasons except construction business. In particular, use of toilets, drinking fountains, vending machines, etc. is strictly prohibited.

ARTICLE 23 CRANE & MATERIAL HOIST OPERATIONS

- 23.1 General Contractor shall provide appropriate barriers around crane and material hoist to protect pedestrian-and vehicular traffic around operating area. When crane is operating or moving, flag men provided by General Contractor shall be utilized to prevent pedestrian and vehicular traffic from crossing the pathway of crane lift. General Contractor's flag men shall coordinate these activities with the appropriate security personnel.
- 23.2 Cranes and material hoists shall be safely secured and inaccessible during non-operating hours. General Contractor shall coordinate operation or erection of a crane or material hoist in the vicinity of the Medical Center with Medical Center Aeromedical Operations (Med-evac helicopter).
- 23.3 Any damage to trees, shrubs or plant material at the placement of crane or material hoist shall be repaired by tree surgery or replaced as directed by Consultant.

ARTICLE 24 UTILITIES

- 24.1 This Article modifies Article 8 of the General Conditions. The Owner will provide water and electricity for this Project. The General Contractor shall provide for all temporary taps, hoses, lines, boxes, lighting and installation of the same for construction operations. Electricity shall not be used for heating purposes. In the event that the General Contractor is wasteful with these utilities, the Owner shall charge the General Contractor accordingly.

24.2 UTILITY OUTAGES

- 24.2.1 Interruption of Utilities and Services: No utilities or services may be interrupted without full consent and prior scheduling of the Owner. Owner approval is required in writing for each disruption.

24.2.1.1 ENTIRE BUILDING OUTAGE

The Owner's Project Manager is the General Contractor's contact with the University for requesting Utility Outages. The Owner's Project Manager will contact the proper departments and divisions within the University and receive approval from those units prior to allowing a planned outage to occur. The established standard within the University Departments and Divisions of an entire building or group of buildings shall be three weeks written notice. The written notice shall include the type of utility to be interrupted, reason for outage, length of outage, what

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will be affected by the outage and a statement of whether or not the materials are on hand to complete the Work. If a specific time is desired for the outage it should be included. The Owner's Project Manager will insure that all parties affected are contacted and that a time which is least disruptive to all parties is selected. At the appointed outage time, Work shall begin and proceed continuously with all required manpower until Work is complete at no added cost to the University. The Owner's Project Manager will then notify all affected departments or divisions.

24.2.1.2 SECTION OF A BUILDING OUTAGE

The Owner's Project Manager is the General Contractor's contact with the University for requesting Utility Outages. The Owner's Project Manager will contact the proper departments and divisions within the University and receive approval from those units prior to allowing a planned outage to occur. The established standard within the University Departments and Divisions of a section of a building shall be a written request one week prior to outage. The written request shall include the type of utility to be interrupted, when the outage is desired, reason for outage, length of outage, and what will be affected by the outage. The Owner's Project Manager will insure that all parties affected are contacted and that a time which is least disruptive to all parties is selected. At the appointed outage time Work shall begin and proceed continuously with all required manpower until Work is complete at no added cost to the University. The Owner's Project Manager will then notify all affected departments or divisions.

ARTICLE 25 CLEANING AND TRASH REMOVAL

- 25.1 The General Contractor shall keep clean the entire area of new construction and shall keep streets used as access to and from the site free of mud and debris.
- 25.2 All exit ways, walks, drives, grass areas, and landscaping must be kept free from debris, materials, tools and vehicles at all times. Trim weeds and grass within the site area.
- 25.3 Upon completion of the Work, General Contractor shall thoroughly clean and re-sod grass areas damaged to match existing areas.
- 25.4 The General Contractor shall be responsible for removal from the site of all liquid waste or other waste (i.e. hazardous, toxic, etc.) that requires special handling on a daily basis.
- 25.5 Dumpsters will be provided and maintained by the General Contractor.
- 25.6 During Work at the Project site, the General Contractor shall clean and protect Work in progress and adjoining Work on a continuing basis. General Contractor shall apply suitable protective covering on newly installed Work where needed to prevent damage or deterioration until the time of Substantial Completion. General Contractor shall clean and perform maintenance on newly installed Work as frequently as necessary through remainder of construction period.
- 25.7 The General Contractor shall be responsible for daily cleaning of spillage's and debris resulting from his and his Sub-contractor's operations, (includes removal of dust and debris from wall cavities), and for providing closed, tight fitting (dustproof if required), waste receptacles to transport construction debris from the work area to the dumpster. Broom clean all floors no less than once a week. The General Contractor shall empty such receptacles into the trash container when full or when directed to be emptied by the Consultant and/or Owner's Project Manager, but not less than weekly. The use of hospital waste and trash receptacles is strictly prohibited, except as otherwise provided by the project specifications.
- 25.8 Failure to comply with the above requirements shall be cause for stopping work until the condition is corrected.

ARTICLE 26 BLASTING

- 26.1 There shall be no blasting under any conditions on University of Kentucky property unless specified in these Special Conditions.

ARTICLE 27 CUTTING AND PATCHING - NEW AND EXISTING WORK

- 27.1 New Work - Cutting and patching shall be done by craftsmen skilled and experienced in the trade or craft that installed or furnished the original Work. Repairs shall be equal in quality and appearance to similar adjacent Work and shall not be obviously apparent as a patch or repair. Work that cannot be satisfactorily repaired shall be removed and replaced.

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- 27.2 Existing Construction - Refer to Architectural, Mechanical, and Electrical drawings for cutting and patching. All new Work shall be connected to the existing construction in a neat and workmanlike manner, presenting a minimum of contrast between old and new Work. Do all patching of the existing construction as may be required for the new construction to be done. Necessary patching, closing of existing openings, repairing and touching up shall be included as required for a proper, neat and workmanlike finished appearance. Any existing item that is to remain and is damaged during construction shall be replaced at the General Contractor's expense.

ARTICLE 28 UNRELATED PROJECTS

- 28.1 Unrelated construction Projects may be under way in the vicinity of this Project or the site utility work during the course of the Work related to this Project. The General Contractor for this Project must coordinate with any other contractors regarding overlapping areas. See Article 42 - Separate Contracts of the General Conditions.

ARTICLE 29 OWNER SUPPLIED MATERIALS (NOT USED)

ARTICLE 30 REMOVED ITEMS (NOT USED)

ARTICLE 31 INTERIOR ENCLOSURE AND DUST ENCAPSULATION

- 31.1 Areas under construction or renovation shall be separated from occupied areas by suitable temporary enclosures furnished, erected and maintained by the General Contractor. Temporary enclosures shall be dust and smoke tight and constructed of non-combustible materials to prohibit dirt and air borne dust from entering occupied spaces. General Contractor to review with Consultant ways to provide ventilation for dust generated by demolition and fumes/vapors produced during installation of new materials.
- 31.2 General Contractor is responsible for coordinating with the Owner's Project Manager any equipment to be turned off prior to erecting temporary enclosures.
- 31.3 General Contractor shall protect all exhaust diffusers, equipment and electrical devices from the collection of dust. All areas shall be checked and cleaned prior to final acceptance of Work.
- 31.4 Dust and debris from Work operations shall be held to a minimum.
- 31.5 General Contractor shall construct temporary dust partitions at locations and as detailed on drawings. Closures used for dust barricade shall be constructed of non-combustible materials, (metal studs and gypsum board or fire retardant plywood).
- 31.6 General Contractor shall provide additional devices and materials and required to contain dust within Work area and protect personnel during course of Work.
- 31.7 Areas of minor renovation, consisting of the removal of doors and frames, blocking of openings, and other limited Work shall be separated by a dust partition of fire retarded polyethylene on studs.
- 31.8 Existing corridor doors may serve as dust barriers, except if removed for refinishing. In such cases, temporary wood doors must be substituted until original doors are replaced.
- 31.9 The General Contractor may assume existing walls which extend full height, floor to structure, shall be deemed appropriate to contain air borne dust. Cover any voids or penetrations.
- 31.10 Doors or windows in the perimeter walls surrounding the Project work area shall be sealed off with protective materials in a manner to prohibit dust from escaping the work area. These shall be left in place until all work creating dust is completed. Protective materials shall consist of fire retardant wood, metal studs, gypsum board or flame resistant plastic.
- 31.11 Entry passage to Work area shall be sealed off with zippered plastic opening or other acceptable means which allows periodic entry and closure of barricade closure.
- 31.12 Install and maintain a "sticky mat" on the floor in locations where construction crews leave the construction area and prior to entering ANY existing space in the building.
- 31.13 Install and maintain a temporary floor covering in any and all elevators being utilized for this project.

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ARTICLE 32 UKIT COMMUNICATIONS AND NETWORK SYSTEMS

- 32.1 The University of Kentucky owns the campus Telephone system and the UK IT Communications and Network Systems is responsible for communications pre-wiring in all new and renovated facilities on the campus. The General Contractor, during the initial start up of construction, shall coordinate with a representative from UKIT Communications and Network Systems a time window as to when pre-wiring by University personnel for the phone system can start and when it must be finished prior to the installation of the finished ceiling. (Typically same time frame as electricians installing wire.) Thirty (30) days notice shall be given to UKIT Communications and Network Systems prior to the start of the time window for pre-wiring.

ARTICLE 33 EMERGENCY VEHICLE ACCESS

- 33.1 Emergency Vehicle Access must be maintained during construction. The General Contractor shall coordinate with the local Fire and Emergency Medical Services department(s) that would respond to an emergency during the initial startup of construction to ensure a complete understanding of their requirements.

ARTICLE 34 SMOKE DETECTORS / FIRE ALARM SYSTEMS- EXISTING AND/OR NEW FACILITIES

- 34.1 General Contractor shall protect all smoke detectors in Work areas to prevent false alarms. The General Contractor will be responsible for any false alarm caused by dust created in their Work areas or dust traveling to areas beyond the Work past inadequate protection barriers. If there is a need for an existing or newly installed fire alarm system or parts of that system to be serviced, turned off, or disconnected, prior approval must be obtained from the Owner's Project Manager and notification given to the Campus Dispatch Office. The General Contractor must follow the procedure outlined for Utility Outages and any documented costs charged by the responding fire department due to a false alarm shall be paid by the General Contractor. As soon as all Work is completed, notification must be given to the Owner's Project Manager and to the Campus Dispatch Office prior to reactivation of the system. Prior to Final Payment to the General Contractor, all protected smoke detectors will be uncovered and tested.

When the function of any fire alarm, detection or suppression system is impaired, a temporary system shall be provided. General Contractor shall provide daily reports indicating the Superintendent has walked through the project at the end of each work period, to satisfy himself there are no present conditions that may result in an accidental fire. Portable fire extinguishers shall be on site during this time. The General Contractor is responsible for inspecting and testing any temporary systems on a monthly basis.

ARTICLE 35 SURVEYS, RECORDS, and REPORTS

- 35.1 General: Working from lines and levels established by property survey, and as shown in relation to the Work, the General Contractor will establish and maintain bench marks and other dependable markers to set lines and levels for Work at each area of construction and elsewhere on site as needed to properly locate each element of the entire Project. The General Contractor shall calculate and measure from the bench marks and dependable markers required dimensions as shown (within recognized tolerances if not otherwise indicated), and shall not scale drawings to determine dimensions. General Contractor shall advise Sub-contractors performing Work of marked lines and levels provided for their use in layout of Work.
- 35.2 Survey Procedures: The General Contractor shall verify layout information shown on drawings, as required for his own Work. As Work proceeds, surveyor shall check every major element for line, level, and plumb (as applicable), and maintain an accurate Surveyor's log or Record Book of such checks available for General Contractor or Design Consultant's reference at reasonable times. Surveyor shall record deviations from required lines and levels, and advise Design Consultant or General Contractor promptly upon detection of deviations exceeding indicated or recognized tolerances. The General Contractor shall record deviations which are accepted (not corrected) on Record Drawings.

ARTICLE 36 TOBACCO PRODUCTS PROHIBITED

- 36.1 For areas located within Fayette County, Kentucky, the use of all tobacco products is prohibited on all property that is owned, operated, leased, occupied, or controlled by the University. "Property" for purposes of this paragraph includes buildings and structures, grounds, parking structures, enclosed bridges and walkways, sidewalks, parking lots, and vehicles, as well as personal vehicles in these areas. To view the Lexington campus boundaries: <http://www.uky.edu/TobaccoFree/files/map.pdf>.
- 36.2 For areas not located within Fayette County, Kentucky, smoking is prohibited in all owned, operated, leased, or controlled University buildings and structures, parking structures, enclosed bridges and walkways, and vehicles. Smoking is also

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prohibited outside buildings and structures within 20 feet of entrances, exits, air intakes, and windows, unless further restricted by division policy.

36.3 General Contractor employees violating this prohibition will be subject to dismissal from the Project.

36.4 For the full Administrative Regulation see University AR 6:5. <http://www.uky.edu/Regs/files/ar/ar6-5.pdf>

ARTICLE 37 ALTERNATES (NOT USED)

ARTICLE 38 FIELD CONSTRUCTED MOCK-UPS

38.1 Exterior Finishes

38.1.1 After sample selection but prior to ordering exterior finish materials, General Contractor shall accumulate enough material samples to erect sample wall panels to further verify selections made for color and textural characteristics, and to represent completed Work for qualities of appearance, materials and construction; include sample masonry units (face and back-up wythes, plus accessories), window units, roofing finish, etc. to provide a complete representation of the exterior facade for approval by the Consultant; build mock-ups to comply with the following requirements:

38.1.2 Build mock-ups well in advance of the time the finish materials will be needed for inclusion in the Work.

38.1.3 Locate mock-ups at location as reviewed and approved by the Architect and University's Project Manager, generally within 10 feet of existing building, parallel to existing face of building, and exposed to sunlight during daylight hours. Mock-Up to be reviewed twice, once in direct sunlight and once in shade to confirm color characteristics of samples.

38.1.4 Mock-ups Size(s) for the following types shall be approximately 6' long by 4' high by full thickness.

38.1.5 Protect mock-ups from the elements with weather resistant membrane.

38.1.6 Retain mock-ups during construction as a standard for judging completed Work. When directed by the University's Project Manager or by the Consultant, demolish mock-ups and remove from the site.

38.2 Interior Finishes

38.2.1 After sample selection but prior to ordering interior finish materials, General Contractor shall accumulate enough material samples to erect sample to further verify selection made for color and textural characteristics, and to represent completed Work for qualities of appearance, materials and construction; include samples of interior finishes, including paint, wood stain, vinyl wallcovering, flooring and ceiling materials to provide a complete representation for approval by the Consultant; build mock-ups to comply with the following requirements:

38.2.2 Build mock-ups well in advance of the time the finish materials will be needed for inclusion in the Work. Mock-ups may be on newly installed wall surfaces.

38.2.3 Locate mock-ups with adequate illumination for observation under intended light levels.

38.2.4 Retain mock-ups during construction as a standard for judging completed Work. When directed by the University's Project Manager or by the Consultant, remove mock-ups from site or incorporate into the completed work.

ARTICLE 39 PROJECT COORDINATION VIA COMPUTER

39.1 The General Contractor and subcontractors are required to have an active email account to facilitate coordination of the project during construction and warranty.

39.2 To facilitate project construction coordination between the Consultant, the General Contractor, Subcontractors, and the University of Kentucky as the Owner, UK Capital Project Management Division (CPMD) is hosting an Internet/ Web-based Project Management System (WPMS) to help improve project communication and collaboration. The Consultant shall participate in the use of the WPMS (UK E-Communication® or other system at the Owner's discretion) providing collaboration between Owner, the Consultant and selected contractors.

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- 39.2.1 Owner shall provide the General Contractor and subcontractors with user accounts and appropriate training for the web-based project management tool.
- 39.2.2 Utilization of, and training in the use of, the WPMS will be arranged for and supervised by Owner.
- 39.2.3 Participation of General Contractor is mandatory; others as determined by Owner. Participation of Subcontractors is not mandatory but will be offered at their discretion.
- 39.2.4 All participants are required to have access to the internet and the Microsoft Internet Explorer browser (version 5.0 or higher). A broadband connection to the internet (e.g. Cable modem, ISDN, DSL) is recommended, but not required.
- 39.2.5 The WPMS shall be utilized for the following functions, as a minimum: Posting Project Files, AE Amendments, Architect's Supplemental Information (ASI's), Closeouts, Consultant Invoices, Contracts, Defective Work in Place, Meeting Minutes, Payment Applications, Proposed Change Orders – Change Orders (PCO to CO's), Punch Lists, Reports (Contractor Daily Reports, Field Reports, Commissioning Reports), RFIs, SAP Equipment List, Schedules, and Submittals. The Document Library (Bid set Plans, Specifications and Addenda will be uploaded by Lynn Imaging.
- 39.2.6 Site camera monitors may be included at Owner's discretion.
- 39.2.7 Utilization of the WPMS shall be implemented by the Owner's representative.
- 39.2.8 Use of the system will provide consistent, real-time information for decision making. Additionally, all project data entered into the system will be archived to facilitate project record keeping. It is anticipated that proper use of the WPMS will improve efficiency of communications and reduce project related paperwork and clerical workload.

ARTICLE 40 HOT WORK PERMITS

- 40.1 All work involving open flames or producing heat and/or sparks in occupied buildings on the University of Kentucky campus will require the General Contractor to obtain approval to perform "Hot Work" on site. This includes, but is not limited to: Brazing, Cutting, Grinding, Soldering, Thawing Pipe, Torch Applied Roofing, and Cadwelding. A copy of the Hot Work Permit and the Hot Work Permit Procedure will be passed out at the Preconstruction Conference for the General Contractor's use.

ARTICLE 41 INSURANCE

- 41.1 Employers' Liability Insurance. The General Contractor shall acquire and maintain Employers' Liability insurance with at least \$500,000/\$500,000/\$500,000 limits of liability for all employees who will be working at the Project site.
- 41.2 General Liability Insurance. The limits of liability shall not be less than \$1,000,000 each occurrence combined single limits for bodily injury and property damage.
 - 41.2.1 If the work involved requires the use of helicopters, a separate aviation liability policy with limits of liability of \$100,000,000 will be required.
 - 41.2.2 If cranes and rigging are involved, a riggers liability policy with liability limits of \$20,000,000 is required in addition to an inland marine policy covering the value of what's being moved..
- 41.3 Comprehensive Automobile Liability Insurance. Policy limits shall not be less than \$1,000,000 for combined single limits for bodily injury and property damage for each occurrence.
- 41.4 Excess or Umbrella Liability Insurance. This policy shall have a minimum of \$1,000,000 combined single limits for bodily injury and property damage for each occurrence in excess of the applicable limits in the primary policies.
- 41.5 Workers' Compensation - Statutory Requirements (Kentucky)

ARTICLE 42 KEY ACCESS

Exhibit B - Special Conditions

- 42.1 If Construction Cores are NOT utilized, then one set of keys for access to the renovation project area will be provided to the General Contractor by the University's Project Manager. The General Contractor assumes responsibility for the safekeeping of the key(s) and its use. When leaving the renovation area all doors must be secured.
- 42.2 All keys must be returned to the University's Project Manager upon completion of project work as one of the requirements for Final Payment. Failure to return the keys may require re-keying of all doors in the work area up to and including the entire building if master keys are issued. The cost of re-keying of the door(s) accessed by the key(s) will be subtracted from the remaining contract dollars including contract retainage.
- 42.3 All lost or stolen keys must be reported immediately to the University's Project Manager.

ARTICLE 43 CEILING CLEARANCE

- 43.1 Work above ceiling: All work above an area with lay-in ceiling must be coordinated and installed so there is a minimum of 4" between the top of the ceiling grid runners and bottom of the installation. Installation shall not obstruct equipment access space or equipment removal space. Also, conduit and pipe attached to the wall must be above the 4" minimum level.
- 43.2 Coordination Between Trades: Request and examine all drawings and specifications pertaining to the construction before installing above ceiling work. Cooperate with all other contractors in locating piping, ductwork, conduit, openings, chases, and equipment in order to avoid conflict with any other contractor's work. Give special attention to points where ducts or piping must cross other ducts and piping, and where ducts, piping and conduit must fur into the walls and columns. Make known to other trades intended positioning of materials and intended order of work. Determine intended position of work of other trades and intended order of installation.

ARTICLE 44 METAL ANCHORS

- 44.1 All anchoring devices utilized to secure materials to the building shall be metal. Plastic or plastic expansion components shall not be used. This shall include all fasteners for mechanical/electrical hangers.

ARTICLE 45 CONTRACTOR/SUPERINTENDENT EXPERIENCE

- 45.1 For those projects impacting patient care the Construction Manager and Superintendent are required to have a minimum of five (5) years of construction experience in the past 10 years with projects involving patient care areas. Owner may waive this requirement if sufficient information is provided to confirm competency.

ARTICLE 46 LOADING DOCK

- 46.1 Contractor will adhere to all provisions outlined in 010000S03 Article 46 of the Medical Center Project Manual for General Contractor.

ARTICLE 47 CONSTRUCTION PATH

- 47.1 Contractor will adhere to all provisions outlined in 010000S03 Article 47 of the Medical Center Project Manual for General Contractor.

ARTICLE 48 HOSPITAL PROJECT PROCEDURE

- 48.1 Contractor will adhere to all provisions outlined in 010000S03 Article 48 of the Medical Center Project Manual for General Contractor.

ARTICLE 49 WORKING HOURS/ACCESS: FOR MEDICAL CENTER/HOSPITAL

- 49.1 Contractor will adhere to all provisions outlined in 010000S03 Article 49 of the Medical Center Project Manual for General Contractor.

ARTICLE 50 SECURITY BADGES AND MEDICAL CENTER SECURITY

- 50.1 Contractor will adhere to all provisions outlined in 010000S03 Article 50 of the Medical Center Project Manual for General Contractor.

Exhibit B - Special Conditions

ARTICLE 51 HOSPITAL CONSTRUCTION CERTIFICATION

- 51.1 Contractor will adhere to all provisions outlined in 010000S03 Article 51 of the Medical Center Project Manual for General Contractor.

ARTICLE 52 APPEARANCE

- 52.1 Contractor will adhere to all provisions outlined in 010000S03 Article 52 of the Medical Center Project Manual for General Contractor.

ARTICLE 53 HIPAA (The Health Insurance Portability and Accountability Act)

- 53.1 Contractor will adhere to all provisions outlined in 010000S03 Article 53 of the Medical Center Project Manual for General Contractor.

ARTICLE 54 SAFETY & FIRE PROCEDURES

- 54.1 Contractor will adhere to all provisions outlined in 010000S03 Article 54 of the Medical Center Project Manual for General Contractor.

ARTICLE 55 INTERIM LIFE SAFETY MEASURES (ILSM)

- 55.1 Contractor will adhere to all provisions outlined in 010000S03 Article 55 of the Medical Center Project Manual for General Contractor.

ARTICLE 56 TREE PROTECTION STANDARDS

- 56.1 Contractor will adhere to all provisions outlined in 010000S02 Tree Protection Standards.

MEDICAL FACILITY PROJECT MANUAL

JOB ORDER CONTRACTS

The following Articles are in addition to and take precedence over the provisions of the Special conditions for the Project.

ARTICLE 46 LOADING DOCK

- 46.1 All demolition materials will be brought through the loading dock to the dumpster.
- 46.2 All new material and equipment, except for items requiring use of the front entry, shall be delivered to the main loading dock.
- 46.3 The loading dock shall be the primary access for construction workers. Construction workers shall use stairway near the designated elevator.

ARTICLE 47 CONSTRUCTION PATH

Will be determined at the detailed scope meeting.

ARTICLE 48 HOSPITAL PROJECT PROCEDURE:

- 48.1 This Project involves part of a fully functioning Hospital and teaching facility. During the construction of the new Work and all renovation, the Hospital is to remain fully functioning. No service offered by the Hospital will be allowed to be interrupted. This will require careful scheduling and consultation with the Owner and the Consultant. The Hospital will attempt to cooperate as much as possible but their need to provide full medical care will supersede any construction aspect.
- 48.2 The Job Order Contractor shall organize his Work so that the Work shall cause a minimum of interference and disturbance to the Owner. A major portion of the Work will occur over occupied **labs and offices**. This will require anticipation and careful scheduling of any noisy work above the area, or access through the area.
- 48.3 Coordination shall occur between the Job Order Contractor and the Owner regarding access to areas outside of the immediate designated construction areas, including access to room's adjacent horizontal, or vertical that the Job Order Contractor may need to access in order to run/connect utilities. Coordination for access shall be discussed in the monthly Progress Meetings as required by Article 10 of these Special Conditions. Job Order Contractor shall also provide to the Owner written notice, one week prior to the anticipated need for access. Approval for access to the adjacent areas must be received by the Job Order Contractor, prior to final scheduling of the Work. Failure to notify the Owner of the need for access will result in the stoppage of Work in the area for which access is required until approval is obtained. Any additional cost for such stoppage will be the Job Order Contractor's responsibility.
- 48.4 No live electrical wiring, including temporary lighting, may be left exposed in areas of public or staff access.
- 48.5 In no instance may a corridor be blocked or its clear width reduced to less than 4'0".
- 48.6 "NOISY WORK": Areas to receive noisy Work above labs and offices. The Job Order Contractor shall utilize tools or equipment of low velocity or drilling to limit the noise generated from Work which will be disruptive to patients. Any hammer drilling and impact type tools/equipment which are to be utilized in the Work by the Job Order Contractor shall be strictly limited. Falling materials that damage ceilings, walls, pipes, and equipment shall become the Job Order Contractor's responsibility to repair and/or replace at no cost to the Owner.
- 48.7 The Job Order Contractor is hereby advised that any noisy Work which is disruptive will be required to stop upon notice from Owner's Project Manager. Job Order Contractor will be notified by Owner's Project Manager when noisy Work can resume. Job Order Contractor shall notify Owner's Project Manager 48 hours prior to the start of any noisy Work.
 - Noisy work shall be performed after 6:00 p.m. and before 7:00 a.m.
 - Perimeter wall construction around the Work Area shall be erected after 6:00 p.m. and before 7:00 a.m.

- All bulky materials shall be delivered after 6:00 p.m. and before 7:00 a.m.

ARTICLE 49 WORKING HOURS/ACCESS: FOR MEDICAL CENTER/HOSPITAL

- 49.1 Normal Work hours are defined as a period between 7:00 a.m. to 5:00 p.m., Monday through Friday. Job Order Contractor shall notify Owner's Project Manager one working day prior to performance of any Work for permission to do any Work during non-normal Work hours.

ARTICLE 50 SECURITY BADGES AND MEDICAL CENTER SECURITY

- 50.1 Security badges will be required for all construction personnel at Job Order Contractor's cost of \$25.00 each from Hospital Security located in Pavilion A room A.00.807. Badges for Good Samaritan can be obtained in the Human Resources Office at the Good Samaritan Hospital, Room B102, for vendors working at Good Samaritan Hospital. Each badge will contain a picture, name and firm name. A UKHC identification badge must be worn on the upper torso at all times when working on UKHC property. No pins or labels shall be attached.
- 50.2 If you report to work without your badge, you must proceed to the Security Office in Pavilion A room A.00.807 or Good Samaritan Human Resources Office B102 to purchase a temporary badge. If your badge is lost or stolen, report it to Security, 859-323-6946, immediately. The contractor or employee must pay for all badges. Cash or check only is accepted for payment. New badges are \$15.00 and must be renewed annually with \$15.00 annual renewal fee.
- 50.3 The Job Order Contractors and subcontractors are responsible for the security of their own materials, tools, and equipment on the project site. The Owner is not responsible for theft or vandalism to any such materials, tools, or equipment. The Job Order Contractor shall coordinate with Medical Center Security prior to entering spaces other than Construction Limits.
- 50.4 The Job Order Contractor shall assist in providing workers schedule to Medical Center Security personnel when it is evident his workmen will have access to unsecured areas within the building after normal work hours.
- 50.5 The Job Order Contractor shall secure the Project Limits for safety of building users working in adjacent spaces. **NO DOOR at any time should be held or propped open for any reason.** All contractors should receive keys or badge access via their UK Project manager.
- 50.6 Any Job Order Contractor having a field office or job trailer shall provide a key to the Owner's Project Manager, only to be used in the case of fire or security emergency.
- 50.7 The Owner will provide construction cores for keying during the life of the project and permanent cores at conclusion of construction. Hardware supplier to coordinate with University Key Shop.
- 50.8 Security Enclosure and Lockup: Install substantial temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security.
- 50.9 Maintain security by limiting number of keys and restricting distribution to authorized personnel. Provide Owner with one set of keys.

ARTICLE 51 – HOSPITAL CONSTRUCTION CERTIFICATION

- 51.1 This Project involves working in a fully functioning Hospital. Individuals responsible for the work occurring on the site should be thoroughly familiar with the hazards and procedures associated with construction in the healthcare environment.
- 51.2 All superintendents and foremen for the Job Order Contractor and the Mechanical and Electrical sub- contractors shall be required to hold at least one (1) of the certifications listed below from the associated organizations prior to working in the UK Albert B. Chandler Hospital or UK Good Samaritan Hospital. Any other trade contractor with more than four (4) individuals working on the site at one (1) time shall have one individual who holds at least one of the certifications listed below from the

associated organizations prior to working in the UK Albert B. Chandler Hospital or UK Good Samaritan Hospital. Healthcare Construction Certificate - American Society for Healthcare Engineers Certified Healthcare Contractor – Kentucky Society of Healthcare Engineers

- 51.3 Should the required certifications not be in effect at the date of the work order, the University project manager may, at his or her discretion, grant a grace period for the required training.

ARTICLE 52 – APPEARANCE

- 52.1 All contracted vendors performing work for The University of Kentucky HealthCare facilities must dress in a professional manner. A company uniform is preferred; however, if one is not provided, dress shall include work pants and a work shirt. All hats must either have the company logo or be a solid color with no logo. Casual sportswear such as blue jeans, shorts, sweat suits, t-shirts, or tank tops are not approved apparel. Clothing must be clean, and without rips or tears. The attire is intended to portray the image of well groomed, professional individuals.

Failure to comply can lead to the vendor being asked to leave the premises until the issues have been resolved.

ARTICLE 53 - HIPAA (The Health Insurance Portability and Accountability Act)

- 53.1 While working on the University of Kentucky Medical Center you will encounter patients or research and must follow the HIPPA guidelines. We must protect the well-being of patients, families and visitors as well as any and all research projects that are vital to the University. You shall respect the privacy of our patients, their families and any research that you may encounter while on campus.

For more information on HIPAA Rules & Regulations please visit: <http://www.cdc.gov/mmwr/preview/mmwrhtml/m2e411a1.htm>

ARTICLE 54 – SAFETY & FIRE PROCEDURES

- 54.1 Paging Codes

UK HealthCare facilities use specific codes to alert staff about hazards or potential hazards in the area, and to call designated staff to action. These codes are designed to communicate information to those that need it without unduly alarming patients and visitors. All persons working in the facility are to take the appropriate action should a code be announced. Designated staff members have assigned roles in response to these codes. You may be asked to stop work and secure your area in response to any of these codes.

A list of pertinent codes are outlined below:

- Code Black: Bomb/Bomb Threat
- Code Blue: Medical Emergency (adult or pediatric)
- Code Pink: Infant or Child abduction
- Code Red: Fire
- Code Silver: Active Shooter
- Code Yellow: Disaster plan activation (internal or external)
- Assistance please (location): Uncontrolled individual

- 54.2 Fire Procedures

- 54.2.a. Fire Notification

UK HealthCare has a fire prevention program to protect patients, visitors, and staff from the dangers of fire. As a part of your orientation to this facility, please locate the fire alarms, extinguishers, and evacuation routes within or adjacent to the project site.

If fire, smoke, or excessive heat is detected within the UK HealthCare facilities, the fire notification system is activated. You will hear chimes over the paging system, followed by “code red” and the location of the alarm. In addition, the alarm system is activated periodically for fire drills and system testing.

When an alarm is activated, smoke and fire doors throughout the building will close. Staff will close doors to patient rooms, clear

corridors, and implement other response procedures.

In all UK HealthCare facility buildings with exception of the Hospitals you must evacuate immediately when the fire alarm sounds. In the Hospitals, you will be able to remain in the project site throughout the response. Please listen carefully to the overhead paging announcements for instructions that might affect you. If an order is given to evacuate, please secure the project site and exit the building.

54.2.b. Your Role in Fire Response

As a Contractor, you have a role in fire response. If you discover a fire in your area:

- Rescue anyone in immediate danger, if possible.
- Activate the nearest fire alarm and call 911.
- Contain, close doors that line the corridor.
- Extinguish, if possible, and evacuate, if necessary.

54.2.c. Building Life Safety Features

UK HealthCare facilities are constructed with many life safety features to protect building occupants from fire. You must know the location of the following:

Fire Alarms

Fire Extinguishers Emergency Exits Evacuation Routes

Medical Gas Valves for the area in which you are working. Contractors/vendors are NEVER to close medical gas valves

If any life safety system must be taken out of service, you must coordinate the outage with the PPD Project Manager and the PPD Outage Coordinator prior to beginning work. You must put in place a temporary but equivalent system approved by the Campus Fire Marshall.

The UK HealthCare Medical Facilities are composed of smoke and fire compartments designed to contain the hazard should a fire break out. If a rated fire, smoke, or corridor wall is penetrated, you must patch the wall using a UL listed firestop assembly the day that the penetration is made.

ARTICLE 55 - Interim Life Safety Measures (ILSM)

The University of Kentucky has established an Interim Life Safety Program (ILSM) to manage safety hazards that could be created by construction, renovation, internal disaster, or other alteration to UK HealthCare buildings or grounds.

A review will be done for every project and will be implemented when a life safety code deficiency or other hazard places building occupants at significant risk. When life safety systems are impaired, the Hospital Safety Officer, Job Order Contractor, or designee, will use established criteria to evaluate the risk and to implement appropriate ILSM to compensate for these deficiencies.

When construction or renovation poses other significant safety hazards, the safety officer and contractor or designee will implement other safety measures appropriate to the situation.

Planning for Interim Life Safety Measures

The Hospital Environment of Care Committee has approved criteria to be used to help determine appropriate ISLM to implement when a life safety code deficiency is identified.

The Hospital Safety Officer, or designee, will participate in or review documentation from project development, pre-construction, and construction progress meetings to ensure that safety issues and concerns are identified and addressed proactively, whenever possible.

UK project manager will notify the Hospital Safety Officer prior to the start of any construction or renovation project and prior to the start of a new project phase. The Key project participants will identify safety issues, concerns, and methods of maintaining a safe work environment.

The Safety Officer and UK staff will regularly inspect all construction sites. The Safety Surveillance Team will conduct regular building inspections to identify risks and hazards.

Criteria for Implementation of Interim Life Safety Measures (ILSM) at the University of Kentucky HealthCare Facilities.

In general, the Safety Officer or designee will use the criteria below to determine appropriate interim life safety measures. In all cases, additional measures may be taken, if warranted, to protect the building's occupants.

When the integrity of an exit access, exit, or discharge area is altered or compromised:

- Ensure free and unobstructed exit
- Ensure escape route for construction workers
- Provide additional training for UK staff and signage when alternative exits are designated
- Increase debris removal schedule to reduce building's flammable and combustible load to lowest feasible level
- Conduct at least two fire drills per shift per quarter
- When the integrity of a building's defend-in-place compartments/features (fire barriers, smoke barriers, floor slabs, corridor wells) are significantly compromised
- Ensure that construction partitions are smoke-tight and built of noncombustible or limited combustible materials

When a building's fire alarm, detection, and/or suppression systems are impaired:

- Implement temporary but equivalent, fire alarm, detection, or suppression systems
- Inspect and test temporary systems monthly
- Ensure that construction partitions are smoke tight and built of noncombustible or limited combustible materials
- Provide additional fire-fighting equipment & train staff to use

When temporary sources of ignition (cutting, welding, plumber's torch) are involved:

- Initial contractor will provide hot work permit and follow its guidelines
- Ensure free and unobstructed exits
- Ensure fire alarm, detection, and suppression systems are in working order
- Provide additional fire-fighting equipment (a fire extinguisher every 50 feet) and train staff to use
- Decrease combustible load to lowest feasible level

When large quantities of combustibles or debris are present or involved:

- Increase debris removal schedule
- Provide additional fire-fighting equipment (a fire extinguisher every 50 feet) and train staff to use
- Ensure that construction partitions are smoke tight and built of noncombustible or limited combustible material

Infection Control

When an employee is working in any patient care area or on any patient care equipment, he/she must follow the standard precautions outlined below:

- Wear gloves when there is a possibility that you will touch any body substances or equipment contaminated by body substances (blood, urine, feces, wound drainage, oral secretions, sputum, and vomitus.)
- Wear a fluid resistant gown, masks and/or goggles when there is any possibility that your eyes, mucous membranes or clothing will be splashed or sprayed by body substances or exposure to contaminated equipment.
- During construction/renovation projects or in situations when plumbing is inadvertently interrupted, it is recommended that personnel wear appropriate personal protective equipment. Traffic must be restricted from this area.
- Discard all personal protective clothing in accordance with standard precautions.
- Wash hands thoroughly with antibacterial soap immediately following work.
- Eating, drinking and smoking are restricted to designated areas.

Infection Control Policy for construction at the University of Kentucky Healthcare Facilities

It is the policy of the University of Kentucky HealthCare to prevent illness in patients related to construction dust and airborne fungi. This document spells out requirements that contractors with University of Kentucky Chandler and Good Samaritan Hospital and in-

house workers should follow in order to minimize risks of construction to our patients.

Classification of Jobs:

Class I: These projects do not generate appreciable dust or airborne particulate matter. Examples include minor plumbing, electrical, carpentry and duct work; some aesthetic improvements; installation of phones, computers, gas and TV hook-up lines in existing conduits, etc.

Class II: These projects generate dust or other airborne particulate matter and hence require barrier precautions. Examples include construction of new walls; construction of new rooms; major utility changes; major equipment installation; demolition of wallboard; plaster, ceramic tile, ceiling and floor tile removal; removal of windows; removal of casework, etc. Routine maintenance where dust is produced in patient care areas is included. These projects must follow construction standards for the hospital.

Sequence of Events:

UK project manager will work with the Infection Control Department to determine if the project is Class I or Class II based on an ICRA (Infection Control Risk Assessment) evaluation completed by the Infection Control Department.

The project manager should invite a representative of Infection Control to the initial design meeting for the project (and other meetings as appropriate).

The ICRA will be posted on the job site and must be adhered to throughout the project unless otherwise determined by the Infection Control Representative.

Ventilation System

- All ventilation systems to operating rooms, recovery rooms, delivery rooms, newborn nurseries and special care units will have a HEPA filtered clean air supply. These systems will be maintained and serviced according to the established preventive maintenance programs to assure clean air supply.
- Patient rooms which house patients with air-borne infections (requiring negative pressure) will be inspected according to the preventive maintenance program to prevent the spread of potential air-borne pathogens.
- Personnel performing routine maintenance or repairing ventilation systems of negative pressure should wear a NIOSH approved respirator.
- Personnel entering rooms housing known or suspected TB patients are required to wear a properly fitted NIOSH approved respirator.

Aspergillums

Aspergillums are a microbial contaminant which can cause serious complications for patients who are susceptible or in a high risk category. Most nosocomial airborne mold infections are caused by aspergillums; species. This species is widely distributed in our natural environment and can grow on almost anything. When ceilings or walls are disturbed, or activity associated with normal renovations or maintenance, it results in airborne disbursements of particulate matter (dust), which may carry aspergillums spores and infect patients.

UK and its contractors will make every effort to minimize the release of aspergillums in high risk areas. Renovation in or adjacent to high risk areas will be controlled through proper separation and HEPA air flow filtering to reduce the potential dangers to patients. The method used to control dust control must be reviewed by and approved by the Infection Control Department. High risk areas are defined as follows:

Any area a patient with an immune compromised system will be put in additional harm's way by your service or act of service.

No major construction shall occur in the Transplant Clinic without the involvement of the Transplant Department Director. The area must be vacated of patients before any such work can occur.

Procedure:

- Before construction begins contact Infection Control at 859-323-4609.
- Proceed cautiously when removing or installing ceiling tiles in the high risk areas.
- On major construction/renovation, airtight partitions shall separate the renovation site from other space occupied by patients. The barrier shall be tested for tightness. Ventilation leading from the area being renovated should be blocked at its point of exit from the room.
- HEPA filtration of air will be required
- Whenever possible, create a negative air flow on the construction/renovation site.
- Keep the work area as clean and dust free as possible.
- Ensure that infection control measures are in effect.
- Use sticky mats outside of barrier.

Infection Control Oversight

- Infection Control must inspect work site before demolition/construction begins.
- Infection Control will make periodic visits to work site to ensure compliance ICRA standards.
- Contractors will receive information and education about Infection Control Standards at the preconstruction meeting

Task Orders that take place in a Medical Facility require Healthcare Certification. The Healthcare certification for the listed Superintendent will be required as part of a valid Task Order Proposal.

SEE THE FOLLOWING ATTACHMENTS A THROUGH C.

ARTICLE 8.7.3 Attachment A – Unifomat Component List

SAP Object Type No.	Component Name
D5030.0232	Access Control Panel
D3050.0110	Air Conditioning Comp Rm Unit
D3030.0610	Air Conditioning Compressor
D3030.0620	Air Conditioning Condensing Unit
D3050.0120	Air Conditioning Pkg Rooftop Unit
D3050.0130	Air Conditioning Pkg Terminal Unt
D3030.0630	Air Conditioning Split System
D3050.0140	Air Conditioning Unit Package
D3050.0150	Air Conditioning Unit Window
D3050.0710	Air Curtain / Heater
D2090.0120	Air Dryer
D3010.0443	Air Eliminator
D3040.0110	Air Handling Unit
D5090.0220	Auto Transfer Switch - Electrical
	Automatic Door Operator
D2020.0330	Backflow Preventers
D3020.0110	Boiler, Steam System
D5030.0241	Camera
D5030.0231	Card Access System
D3030.0300	Chiller, Reciprocate
E1090.0250	Chutes & Collectors
D5010.0510	Circuit Breaker Panel
F1020.0230	Clean Rooms
F1020.0240	Cold Storage Rooms
D2090.0110	Compressor, Air
D3060.0250	Controls, Building System
E1090.0317	Cooler, Commercial
D3030.0510	Cooling Tower, Packaged
D2010.1300	Copper Silver Ion Equipment
D4090.0510	Dampers Fire
D4090.0500	Dampers Fire/Smoke
D4090.0520	Dampers Smoke
D3050.0400	Dehumidifiers
D2090.0200	Deionized Water System
E1090.0391	Dishwasher, Commercial
B2030.0160	Door, Auto Entrance
B2030.0100	Door, Exterior Entrance
C1020.0330	Door, Fire Separate

C1020.0320	Door, Smoke Partition
D2010.0800	Drinking Fountain
D5010.0350	Electric Switchboard
E1030.0310	Elevator, Dock Leveler
D1090.0120	Elevator, Dumbwaiter Electric
D1090.0130	Elevator, Dumbwaiter Hydraulic
D1010.0140	Elevator, Hydraulic Freight
D1010.0120	Elevator, Hydraulic Passenger
D1010.0230	Elevator, Platform Lift
D1010.0240	Elevator, Sidewalk Lift
D1010.0130	Elevator, Traction Freight
D1010.0110	Elevator, Traction Passenger
D1010.0220	Elevator, Wheelchair Lift
D2010.1100	Emergency Eyewash
D2010.1000	Emergency Eyewash/Shower
D5090.0810	Emergency Generator
D2010.1200	Emergency Shower
D3050.0600	Energy Recovery Unit
F1020.0260	Environmental Unit
D3040.0120	Fan
D3050.0520	Fan Coil Unit
D3040.0122	Fan, Axial
D3040.0121	Fan, Centrifugal
D3040.0410	Fan, Exhaust
D5030.0141	Fire Alarm Annunciator
D5030.0134	Fire Alarm AV Devices
D5030.0139	Fire Alarm Door Holder
D5030.0144	Fire Alarm Duct Detector
D5030.0133	Fire Alarm Heat Detectors
D5030.0136	Fire Alarm Horns
D5030.0131	Fire Alarm Panel
D5030.0135	Fire Alarm Pull Station
D5030.0137	Fire Alarm Signal Speaker
D5030.0132	Fire Alarm Smoke Detectors
D5030.0130	Fire Alarm System
D5030.0138	Fire Alarm Visual Signal Dev
D4030.0200	Fire Blanket & Cabinet
D4030.0100	Fire Extinguisher Cabinet
D4030.0300	Fire Extinguisher Wheeled
D4090.0300	Fire Extinguishing System, Clean
D4090.0200	Fire Extinguishing System, CO2
D4090.0400	Fire Extinguishing System, Dry Chemical
D4090.0100	Fire Extinguishing System, Foam
D4090.0000	Fire Extinguishing System, Other

G3010.0310	Fire Hydrant
E1090.0330	Food Cooking Equipment
E1090.0310	Food Storage/Prep Equipment
D2090.0400	Fuel Oil System
D3040.0460	Fume Hood System
D3020.0310	Furnaces
D2030.0260	Grease Trap
D3050.0580	Heat Exchanger
D2020.0260	Heater Domestic Water
D3050.0521	Heater, Cabinet Unit
D3050.0581	Heater, Cast Iron Radiator
D3050.0530	Heater, Fin Tube Radiation
D3050.0540	Heater, Induction Unit
D3050.0560	Heater, Unit
D3050.0570	Heater, Unit Vent
F1040.0700	Heliport System
E1090.0340	Hood/Vent Equip
D3050.0300	Humidifier
E1090.0380	Ice Machines
D5020.0330	Light, Emergency Exterior
D5020.0230	Light, Emergency Interior
D5020.0231	Light, Exit
E1020.0831	Medical Air Compressor
E1020.0900	Medical Gas Alarm
E1020.1000	Medical Gas Area Alarm
E1020.0840	Medical Gas Auto Pressure Switch
E1020.0834	Medical Gas Manifold
E1020.0835	Medical Gas N2O
E1020.0839	Medical Gas Outlet
E1020.0837	Medical Gas Shut-off Valve
E1020.0830	Medical Gas System
E1020.0838	Medical Nitrogen
E1020.0810	Medical Sterilizer Equipment
E1020.0832	Medical Vacuum Pump
D5010.0711	Motor Control Center
D5010.0720	Motor, Electric

D5030.0431	Nurse Call System
E1090.0210	Packaged Incinerator
D3010.0550	Packaged Solar Equipment
D5030.0420	Paging Systems
C1010.0180	Partition Fire Rated
C1010.0190	Partition, Smoke
D1090.0141	Pneumatic Tube Blower
D1090.0142	Pneumatic Tube Station
D1090.0140	Pneumatic Tube System
D1090.0143	Pneumatic Tube Transfer Unit
D3010.0430	Pump
D3030.0710	Pump, Air Source Heat
D3010.0432	Pump, Chilled Water
D2020.0222	Pump, Domestic Hot Water Recirculation
D2020.0221	Pump, Domestic Water Booster
D4010.0111	Pump, Fire
D3010.0431	Pump, Heating Water
D4010.0112	Pump, Jockey Fire
D3030.0720	Pump, Rooftop Heat
D3010.0433	Pump, Steam
D2040.0270	Pump, Sump
D2030.0330	Pump, Waste
D2020.0220	Pump, Water Booster
D3030.0730	Pump, Water Heat
E1090.0315	Refrigerator/Freezer, Commercial
D3040.0123	Return Air Fan
D2090.1200	Reverse Osmosis System
D3030.0420	Scroll Chiller
D4010.0300	Sprinkler, Combo System
D4010.0400	Sprinkler, Deluge System
D4010.0200	Sprinkler, Dry-Pipe
D4020.0100	Sprinkler, Standpipe
D4010.0100	Sprinkler, Wet-Pipe
D3050.0310	Steam Generator
D5010.0840	Switchgear, Medium Voltage
D3010.0441	Tank, Expansion Compressor
D2020.0310	Tank, Expansion Domestic
D2020.0320	Tank, Expansion Reheat
D2090.0410	Tank, Fuel Oil
D3010.0444	Tank, Steam Flash
D5010.0210	Transformer, Low-Volt 2nd

D5010.0410	Transformer, Low-Volt Inter
D5010.0110	Transformer, Main
D3020.0150	Trap, Steam
D5090.0110	UPS - Computer
D5090.0120	UPS - Other
D2090.1310	Vacuum Pump
D3010.0435	VFD - Pump
D3040.0190	VFD HVAC
D5010.0850	VFD/VSD
E1090.0316	Walk-in-Refrigerator
D2090.0210	Water Softener Equipment
D3010.0490	Water Treatment Equipment

ARTICLE 8.7.3 Attachment B – Equipment List Spreadsheet Data Categories

Unifomat	
Component ID	
Component Name	
Description	
Name	
Equipment No.	OWNER will enter this data
Model No.	
Room Location	
Functional Location	OWNER will enter this data
Manufacturer	
Supplier	
Installing Contractor	
Serial No.	
Main Work Center	OWNER will enter this data
Comments(30 char's)	OWNER will enter this data
Critical	OWNER will enter this data
JCAH Code	OWNER will enter this data
Patient Room?	OWNER will enter this data
Vendor ID	OWNER will enter this data
Vendor Type	OWNER will enter this data
Vendor - Other Info	OWNER will enter this data
Equipment Life	OWNER will enter this data
Area Serviced	
Contains Lead?	
Contains Asbestos?	
Contains PCBs?	
Motor Frame	
Motor Style	
Motor HP	
Motor Phase	
Motor Volts	
Motor RPM	
Fan CFM	
Fan RPM	
Fan Static	
Fan Type	
Fan RPM 2	
Pump Head	
Pump Inlet	
Pump GPM	
Pump Outlet	
Motor Operating Amps	

Condition	OWNER will enter this data
Disconnect Location	
Motor FLA	
Belts	
Filters	

ARTICLE 8.7.3 Attachment C - Example Preventative Maintenance Procedures

Description	Name	Equipment No.	Frequency	Maintenance Procedure	Maintenance Parts & Items
Air Handling Unit	AHU-1	M-12345	Monthly	Check Belts	
Air Handling Unit	AHU-1	M-12345	Quarterly	Grease bearings	Grease type xyz
Air Handling Unit	AHU-1	M-12345	Annually	Replace Belts	Belt model abc- 123
Air Handling Unit	AHU-2	M-98765	Monthly	Check Belts	

The blue highlighted column will be filled in by OWNER.

MODIFICATIONS TO THE GENERAL CONDITIONS:

Article 1 – Definitions:

Supplement the existing definitions with the following:

Acceptance – When the Project/job order is completed in all respects in accordance with the Plans and Specifications, and the Contract has been otherwise fully performed to the full satisfaction of the University.

Adjustment Factor (AF) - The Contractor's price adjustment to the unit prices as published in the Unit Price Book. Contractors must propose six (6) Adjustment Factors, for work to be accomplished at academic/institutional locations or for medical locations, during normal working hours, premium hours, or other than normal working hours.

NOTE: Adjustment Factor may also be known as (coefficient or factor)

Campus – Locations that are designated on the building list as "Campus" as opposed to "Healthcare."

Change Order – See Supplemental Job Order.

Construction Administrator - The person or department delegated by the University to manage the construction phase of a Job Order. Also referred to as the UK Project Manager.

Construction Inspector - The inspector on the Project Site who receives administrative direction from the University.

Detailed Scope of Work (DSOW) - The complete description of services to be provided by the Contractor pursuant to an individual Job Order. The scope of Work may include a narrative written description of the Work, partial design documents, or full design documents, depending on the complexity of the specific Project.

Directed - 'Directed,' 'required,' 'permitted,' 'ordered,' 'designated,' 'selected,' 'prescribed' or words of like import used in the specifications or in the Contract Documents to mean respectively the direction, requirement, permission, order, designation, selection, or prescription of the Construction Administrator, and similarly the words 'approved,' 'acceptable,' 'satisfactory,' 'equal,' 'necessary' or words of like import to mean respectively, approved by, or acceptable or satisfactory to, or equal, or necessary in the opinion of the Construction Administrator.

Emergency Job Order – Work that falls within the parameters of the University definition of "Emergency Purchase". Typically, the contractor is given a "Not to Exceed" written authorization to perform emergency services as directed in writing by University Staff. All additional work outside of the emergency services will follow typical work /job order workflow and all requirements of the master contract and general conditions.

EULA – End User License Agreement, CannonDesign/FOS form users of Simplebid® will read and sign for access to the software. There is NO fee to contractors for use of Simplebid.

Healthcare Facilities – Also referred to as medical facilities. Locations on the building list that are designated as "Healthcare" as opposed to "Campus."

Job Order – Individual scope of work as identified by the UK Project Manager. A document that describes the Work to be accomplished under this Contract. The UK Project Manager will be responsible for the development of the Job Order as well as the supervision and acceptance of the Work contained within the Job Order description. The UK Project Manager will review the Contractor's Job Order Price Proposal for each Job Order requested and, if acceptable, shall issue a Job Order for the Work described therein. Each Job Order will include, at minimum, a Detailed Scope of Work including the

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list of subcontractors and suppliers, a lump sum, firm fixed Job Order Price Proposal from the Contractor, a duration schedule for the completion of the Work and any special conditions that might apply to that specific Job Order, such as liquidated damages.

Job Order Completion Time – The period of time set out in Calendar Days, established in the Job Order where the Work must be completed. The Job Order Completion Time may be adjusted by time extensions through Supplemental Job Orders. Duration, Construction Start/Stop will be listed on the Notice to Proceed (NTP).

Job Order Contract (JOC) – An indefinite quantity type Master Contract designed to accomplish multiple small to medium construction projects/job orders based on an adjustment factor applied to a unit price book of construction scopes.

Job Order Consultant – FOS of CannonDesign or designated Account Manager.

Job Order Contractor – The person or entity who will or has entered into a contract with the University and assumes the risk for construction of the Project and/or Job Orders, and who will provide consultation and collaboration regarding construction throughout the term of their participation in the Job Order Contracting program. The Job Order Contractor shall execute and hold all construction subcontracts for each awarded Job Order. In every instance where the term “Contractor” and “General Contractor” are used in any contract document for the Job Order Contracting program, these terms shall be understood to mean the Job Order Contractor.

Job Order Price – The amount a Contractor will be paid for completing a Job Order.

Job Order Price Proposal – A price proposal prepared utilizing the Unit Price Book (UPB) by the Contractor that includes the Pre-Priced Tasks, designated by the University, non-Pre-priced Tasks, quantities and appropriate Adjustment Factors required to complete the Detailed Scope of Work. See ‘Proposal.’

Job Order Price Proposal Package (PPP) – A group of forms packaged for final approval to submit for a Purchase Order. This will include 1. Job Order Authorization Form signed, 2. Detailed Scope of Work signed, 3. Price Proposal signed, 4. Plans/Drawings (if available), 5. Subcontractor Listing Form, 6. Certificate of Insurance (if needed), 6. Bond (if needed). All required forms must be provided to and accepted by the University prior to issuance of any Purchase Order and Notice to Proceed.

Joint Scope Meeting (JSM) – A Site meeting to discuss the work before the Detailed Scope of Work is finalized. Attended by University Staff and Contractor. If needed, University Consultants and or Architect (design professionals). Joint Scope Meeting (JSM) are the backbone of determining scope of work, reviewing existing plans, drawings, written scope by University, photos or project specific details/specs. (See Joint Scope Meeting Minutes JSMM)

Joint Scope Meeting Minutes (JSMM) – Written notation of discussions held onsite with University PM, other University Staff, JOC Contractor, sub-contractors if needed, Design Professional and University Consultant. These JSMM may be distributed for review/signature approval to general scope of work. The JSMM may be issued to JOC Contractor with Request for Job Order Price Proposal (RFP). JSMM are typically signed by University, Contractor and JOC Consultant following the JSM.

New Item Request (NIR) – The process in which work order tasks are not available in the current Unit Price Book (UPB). As identified, the NIR can be created either by University Staff or awarded JOC Contractor immediately upon identifying a need to add UPB line items.

New Items - Those units of Work that are not included in the Unit Price Book but are within the general scope and intent of this Contract and may be included into the Contract as needs arise. Such Work requirements as shall be incorporated into and made a part of this Contract for the Job Order to which they pertain, and may be incorporated into the Unit Price Book, if determined appropriate by the University, at the base price determined in this Contract. Non-pre-priced

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tasks shall be separately identified and submitted in the Job Order Price Proposal. Adjustment factors will be applied to all New Items at the appropriate factor for the time frame/location of work to be performed.

It is the responsibility of the contractor to request pricing for a new item within the process of work order scoping and/or JOC price proposal development. Requests for new pricing will be reviewed by the Simplebid Team and Agency. If a suitable substitute item is not available and a new item has been determined to be necessary, the Simplebid Team must forward the request(s), with information in the approved format, for pricing consideration.

Approved New items will be added to the existing approved Simplebid Unit Price Book and be made available for use within the predetermined contractually specified timeframe agreed upon between the Agency and the Simplebid Team. Timing for the processing of new item requests have been agreed upon in advance between the Agency and the Simplebid Team. The Contractor acknowledges and understands that the decision to add or reject a new item is in the sole discretion of the Agency and the Simplebid Team and that there is no guarantee that a request made by the Contractor for pricing a new item will be granted. Also see rulebook section, “New Items.”

Normal Working Hours - Monday - Friday; 7:00AM - 5:00PM prevailing time.

Notice to Proceed - Written notification from the University identifying the beginning and ending date of the Job Order Master Contract. In reference to a Work Order issued under the Job Order Contract, it is written authorization from the University for the Contractor to commence a Work Order that also specifies start and completion dates for that Work Order.

Not to Exceed – May be a dollar limit determined by the University in the event of an emergency work authorization issued to a JOC Contractor.

Other Contractor - Any individual, firm, or corporation (other than the Contractor) having a Contract with the University, for Work at or near the Project Site.

Other Than Normal Working Hours – Work hours that do not occur during Normal working hours or during Premium working hours.

Owner - The University of Kentucky.

Premium Working Hours - Hours worked on the following days: New Year’s Day, Martin Luther King Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Pre-Priced Task - A unit of Work included within the Unit Price Book for which a unit price has been established.

Project Limit Lines - The geographical boundaries of a Project, as more fully identified and described in the Job Order.

Project Site - The area where the Work will be performed.

Proposal Review – This is a formal review of JOC contractors submitted price proposal for a specific scope of work on a JOC work order.

Purchase Order – A document provided by the University for a specific Approved Job Order Proposal Package for a single Job Order.

Request for Job Order Price Proposal - The University’s invitation for a Proposal for a specific Job Order, hereafter, ‘Request for Proposal’ or ‘RFP’. Deadlines for proposals are 14 calendar days unless otherwise noted within the RFP.

Simplebid® - A CannonDesign/FOS software platform in which University / JOC Contractor utilize for Job Order Contracting to process individual Job Orders. Specific Contract and Project information is held inside Simplebid pertaining to each Job Order. Contractors will utilize Simplebid for Price Proposal preparation and submissions to University Staff or designated consultant. Reporting and Forms also come out of Simplebid. NOTE: The University

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will/may utilize additional software programs to fully execute these JOC Contracts for Contractor invoicing, payments, record keeping, contractor reporting.

Site - The area specified in the specific, discrete Job Order made available for the Job Order Contractor's operation.

State - The State of Kentucky (or Commonwealth of Kentucky)

Subcontractor - Any person or firm, other than the employees of the Contractor, who contracts with the Contractor or another subcontractor to furnish labor, or labor and materials, at the Work Site or in connection with the Project with appropriate license for the Work to be accomplished.

Supplemental Job Order - A written agreement entered into after the award of the original Job Order that alters or amends the Work Order. Changes in the Work requested are accomplished by the issuance of a supplemental Work Order. Changes involving extensions of time, adjustment for net credits, and minor additive changes are also accomplished by issuance of a Supplemental Work Order to the original Job Order.

Supplier or Vendor - Any person or business entity that contracts with the Contractor to provide materials or equipment.

University - The University Kentucky upon which the Work is located and the University President and other University officers and employees acting within the scope of their duties.

Unit Price - The price published in the Unit Price Book for a specific construction or construction-related task. The unit prices are fixed for the duration of the Contract, or as modified by the terms outlined in the Contract. Each unit price is comprised of the labor, equipment, and material costs to accomplish that specific task.

Unit Price Book - A comprehensive listing of specific construction related tasks together with a specific unit of measurement and a unit price. The Unit Price Book is updated no less than annually, and as new items are added, and can be updated as proposed by the JOC Consultant and accepted by the University. Also see rulebook section, "Unit Price Book."

Article 17 - Superintendent – Supervision

Modify 17.2 to read: The General Contractor shall have a competent superintendent on the Project site at all times during the process of the Work, unless released by Owner in writing to roam multiple Job Orders.

Article 18 – Changes in the Work:

Add: The UK Project Manager, without invalidating a Job Order, may direct changes in the Work within the general scope of the Job Order, consisting of additions, deletions or other revisions. All such changes in the Work will be authorized by Supplemental Job Order. Credits for tasks shall be calculated at the pre-set Unit Prices and multiplied by the appropriate Adjustment Factors. The result is that a credit for Tasks that have been deleted from the Detailed Scope of Work will be given at 100% of the value at which they were included in the original Job Order Price Proposal.

A Supplemental Job Order will follow the same procedure for ordering work as a Job Order

Article 21 – Delays and Extension of Time:

Add: A time extension form may be used to reflect allowed time extensions to existing Job Orders.

MODIFICATIONS TO THE SPECIAL CONDITIONS:

Add to Article 01 General Information:

- 1.4 The terms “General Contractor” and “Construction Manager” refer to the “JOC Contractor.”
- 1.5 The term “JOC Consultant” refers to the “FOS Account Manager.”
- 1.6 “JOC” means “job order contracting.”

Insert Article 03 – Job Order Contractor Procedures:

Admin Procedure No. 1 Correspondence

A. Identification of Correspondence

- 1. Correspondence includes letters, transmittals and memoranda, any of which may have forms attached to them.
- 2. All correspondence should be digital.
- 3. All correspondence shall include the Project Number, as assigned by the UK Project Manager, and the JOC Contract Number the project has been entered under. Following is an example of proper identification:

Project No. (Year and #) – (Trade) – (CMPD or Med) – (Project Number) – (Job Order Number)
UK-XXXX-25

Contract No. 24XXXXXXXXX

Contract # (UK comptroller # included), Project # (numerical – 01-99 exp.) , Job Order # (numerical 001-009 exp.)

An ER at the end of the Project Number will signify an Emergency Project.

B. Addressing and Distribution of Correspondence

- 1. Correspondence shall be copied to the UK Project Manager, the JOC Contractor, the design professional (if applicable), and the JOC Consultant/Account Manager. Addressed in the following manner with the distribution to include at a minimum, as indicated:

Administrative Procedure No.2: JOC Program Orientation Meeting

A. Orientation Meeting

- 1. The JOC Account Manager will set the time, date, and place for the Orientation Meeting, which will be no later than the thirty (30) days following the Effective Date of the Contract. The JOC Contractor is required to attend the JOC Program Orientation Meeting.
- 2. Personnel from the JOC Contractor's office, such as the principal of the firm, project managers, and project superintendents must attend the meeting.
- 3. During the Orientation Meeting, the UK Project Manager, in concert with the JOC Consultant, shall conduct the order of business and discuss specific requirements of the Contract.
- 4. Agenda for the Orientation Meeting will include
 - a. Introduction of attendees.
 - b. Explanation of Administrative Procedures and associated forms (Sample project example will be provided).
 - c. The JOC Consultant will schedule individual training for JOC Contractors on access to and use of the Simplebid JOC platform.
 - d. Review of Procedure for Ordering Work and Procuring Individual Job Orders
 - (1) University notifies FOS Account Manager of project need.
 - (2) FOS Account Manager Project Notification and Assignment.

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- (3) Preliminary Joint Scope Meeting.
- (4) Joint Scope Meeting.
- (5) Owner or Consultant Preparation of the Design (if required).
- (6) Preparation of the Job Order Proposal.
- (7) Review of the Job Order Proposal.
- (8) Issuance of the Purchase Order.
- (9) UK PM issues NTP.
- e. Review of the Simplebid Unit Price Book.
 - (1) Guidelines to applying the Simplebid Unit Price Book.
 - (2) Review of the Rulebook.
 - (3) Commonly Used Items and Section Notes.
 - (4) New Item Request Process.
- f. Question and Answer Period & Open Discussion.

Administrative Procedure No.3 JOC Procedure For Ordering Work

A. Initiation of a Job Order

1. As the need exists, the UK JOC Coordinator will initiate a Job Order through the JOC software. Access to the software will be granted to authorized UK Project Manager users. The JOC Consultant will contact the UK Project Manager to discuss the parameters of the Work upon receipt of a project initiation request. This initial request shall include but is not limited to:
 - a. UK Project Manager Email
 - b. UK Project Manager Phone Number
 - c. Contract Information
 - d. Facility Information
 - e. Site/Building Name
 - f. Facility Address
 - g. Budget Estimate
 - h. Project Title
 - i. Project Information
 - j. Scope of Work
 - k. Project Type
 - l. Project Trades
 - m. Is this a historical facility?
 - n. Anticipated Start Date
 - o. Anticipated duration days
2. The JOC Consultant will notify the appropriate JOC Contractor based on budget, campus/building knowledge, and/or trade. The JOC Consultant will schedule a preliminary Joint Scope Meeting and submit Preliminary Joint Scope Meeting notes. The attendees will have up to 48 hours to respond to the meeting notes. After which time The JOC Consultant will schedule a Joint Scope Meeting.

B. Joint Scope Meeting

1. The JOC Contractor, JOC Consultant, and UK Project Manager shall attend the Joint Scope Meeting and discuss, at a minimum:
 - a. General scope of work and overall job order requirements.

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- b. Identification of the JOC Contractor
 - c. Date on which the design documents are due, if applicable.
 - d. Requirements for professional services, sketches, drawings, and specifications.
 - e. Requirements for catalog cuts, technical data, samples, and shop drawings.
 - f. Access to existing as built drawings or any relevant documentation related to the project scope.
 - g. Schedule, to include the construction duration.
 - h. Budget
 - i. Discuss any special requirements based on the funding to be utilized for the Job Order
 - j. Permitting.
 - k. Measurements and quantities sufficient to enable the preparation of a unit price proposal. The JOC Consultant, JOC Contractor, and UK Project Manager representatives will walk the project site and together capture and document as much unit of measure and quantity detail as possible to be noted in Joint Scope Meeting minutes. Example: Square footage of parking lot to be constructed, Linear feet of fence to be constructed.
 - l. Presence of hazardous materials and hazardous reports if available.
 - m. Material identification and lead time considerations.
 - n. Site access considerations to include protocol for admission.
 - o. Staging Area
 - p. Disposal and reuse of materials.
 - q. Accessibility concerns and hours of operation
 - r. Access to mechanical and plumbing systems
 - s. Access to utility infrastructure
 - t. Liquidated Damages
 - u. Subcontractors
 - v. Required forms
 - w. Date on which the Job Order Proposal is due. The due date will be fourteen (14) calendar days after the request for proposal is sent to the contractor unless otherwise agreed upon as documented in the Joint Scope Meeting minutes, or if a New Item Request (NIR) is needed.
2. The JOC Consultant will document, in writing, details and discussion from the Joint Scope Meeting. The Joint Scope Meeting minutes will be documented using a Joint Scope Meeting minutes template to include all items referenced in the above section.
3. The JOC Consultant will distribute the Joint Scope Meeting minutes to the UK Project Manager, Construction Manager and JOC Contractor. The UK Project Manager and JOC Contractor will each sign and date the Joint Scope Meeting minutes. Unless objected to within seven (7) calendar days the Joint Scope Meeting minutes will become final.
4. Upon completion of the joint scoping process, the JOC Consultant will prepare a draft Detailed Scope of Work referencing any sketches, design documents, photographs, and specifications required to document accurately the work to be accomplished. The JOC Contractor shall review the Detailed Scope of Work and request any required changes or modifications. The JOC Contractor shall sign the acceptable Detailed Scope of Work and then the JOC Consultant will distribute to the UK Project Manager and JOC Contractor. The UK Manager will sign and date the Detailed Scope of Work and send it back to the JOC Consultant for Distribution. After receiving the signed Detailed Scope of Work, the JOC Consultant will issue a Request for Job Order Proposal that will require the JOC Contractor to prepare a Job Order Proposal. The Detailed Scope of Work, unless modified by both the JOC Contractor and the UK Project Manager, will be the basis on which the JOC Contractor will develop its Job Order Proposal and the JOC Consultant will evaluate the same. The JOC Contractor has 14 calendar days to provide the JOC Consultant with the completed Request for

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Proposal, unless a due date was previously established during the Joint Scoping Meeting and captured in the meeting minutes.

5. In situations where the UK JOC Coordinator authorizes an emergency procurement using a signed declaration of emergency, the UK JOC Coordinator must enter the project in the JOC Consultant's project initiation portal within 24 hours of the declared emergency. A Joint Scoping Meeting and the development of a Detailed Scope of Work as defined by Administrative Procedure Number 4 should be completed as soon as possible after the emergency is declared, to include any work completed prior to the meeting.
6. If during an after-hours emergency event, one JOC Contractor cannot successfully be reached utilizing their emergency contact, the UK Project Manager will contact an alternate JOC contractor of the same discipline. The University will keep a record of unsuccessful attempts to reach the JOC contractor.

D. Preparation of the Job Order Proposal

1. The JOC Contractor's Job Order Proposal shall include, at a minimum:
 - a. Job Order Price Proposal with notes and justification for each line item
 - b. Required drawings or sketches
 - c. Construction duration
 - d. Performance and Payment Bonds for the Job Order in a form acceptable to the University.
 - e. Certificate of Insurance (if required for special coverage as required by University Risk Management).
 - f. List of Anticipated Subcontractors.
Substitutions Not Optional. The JOC Contractor shall not substitute a subcontractor named on the Job Order Price Proposal without prior notification and approval of the University Project Manager. Any notification for a substitution of a listed subcontractor shall be in writing and the reason fully set forth therein. The reason shall demonstrate real cause and evidence good faith by the Job Order Contractor. This shall not be construed to waive the Job Order Contractor's rights to later substitute a subcontractor for the failure of that proposed subcontractor to accept a contract from the Job Order Contractor, failure to perform in a satisfactory manner per the requirements of the contract or any other legal rights of the Job Order Contractor to manage and coordinate subcontractors.
 - g. Other requested documents as determined by UK Project Manager, listed on Detailed Scope of Work.
3. The Job Order Price shall be the value of the approved Job Order Price Proposal.
4. The value of the Job Order Price Proposal shall be calculated by summing the total of the calculations for each task (unit price x quantity x Adjustment Factor).
5. The JOC Contractor will prepare Job Order Price Proposals in accordance with the following:
 - a. Pre-price Task: A task described in and for which a unit price is set forth in the Simplebid Unit Price Book.
 - b. New Item Request (NIR) Task: Where items do not appear to exist within the Simplebid Unit Price Book, the JOC Contractor shall contact the assigned JOC Consultant Account Manager

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for guidance. The JOC Consultant Account Manager will recommend the use of a Simplebid Unit Price Book line item or line items to be used based on the Detailed Scope of Work. If there are no line items in the Simplebid Unit Price Book to recommend, the JOC Consultant Account Manager may direct the JOC Contractor to use the Simplebid New Item Request (NIR) tool.

- c. Hourly Rates will not be allowed unless requested in writing by the UK project manager. Any line item that is not authorized by the UK project manager and JOC Consultant prior to use will be removed during review.

Upon accessing the NIR tool, the JOC Contractor will be asked for information such as expected quantities, expected labor, material and equipment pricing, expected make or model information and other notes that describe the item being requested.

The JOC Contractor also has the option to upload digital files including manufacturer's data sheets, specifications, and other relevant documents and information. Based on the information provided, the JOC Consultant Account Manager may contact the submitting JOC Contractor for additional information about the requested item. If the JOC Consultant Account Manager has sufficient information regarding the NIR, the task will be priced by the JOC Consultant's cost estimating team and added to the current version of the Simplebid Unit Price Book.

6. JOC Contractor shall make the necessary arrangements for and obtain all filings and permits required for the Work, including the preparation of all drawings, sketches, calculations and other documents and information that may be required, therefore. If the JOC Contractor is required to pay an application fee for filing a project or any other permit fee to a municipality, State, or some other governmental or regulatory agency, then the amount of such fee paid by the JOC Contractor for which a receipt is obtained shall be treated as a Reimbursable Task to be paid without mark-up. The JOC Contractor shall submit written documentation of such fees. The cost of expediting services or equipment use fees are not reimbursable unless requested in writing by the UK Project Manager.
7. The JOC Contractor's Job Order Proposal shall be submitted by the date indicated on the Request for Job Order Proposal. All incomplete Job Order Proposals shall be rejected. The time allowed for preparation of the JOC Contractor's Job Order Proposal will not exceed (14) fourteen days, unless otherwise agreed upon and written in the Joint Scope Meeting minutes. On complex Job Orders, such as Job Orders requiring engineering/architectural drawings and approvals and permits, a request for price proposal will not be sent until an AHJ accepts the final design. Failure to submit the Job Order Proposal by the required date may result in the JOC Contractor may affect future Job Order opportunities for the JOC Contractor.
8. By submitting a Job Order Proposal, the JOC Contractor agrees to accomplish the Detailed Scope of Work in accordance with the Request for Job Order Proposal at the price submitted. It is the JOC Contractor's responsibility to include the necessary tasks and quantities in the Job Order Price Proposal and apply the appropriate Adjustment Factor(s) prior to delivering it to the UK Project Manager
9. If the JOC Contractor requires clarifications or additional information regarding the Detailed Scope of work in order to prepare the Job Order Proposal, the request must be promptly submitted so that the submittal of the Job Order Proposal is not delayed.

E. Review of the Job Order Proposal and Issuance of the Job Order

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1. The JOC Consultant will evaluate the entire Job Order Price Proposal and compare these with the UK Project Manager estimate of the Detailed Scope of Work to determine the reasonableness of approach, including the appropriateness of the tasks and quantities proposed.
2. The JOC Consultant may request changes to the Job Order Proposal. If requesting changes, the JOC Consultant will notify the JOC Contractor of the proposed changes, at which point, the JOC Consultant and JOC Contractor will discuss the proposed revisions and agree on the changes to the Job Order Proposal. If a revised Job Order Proposal is required, and unless otherwise stated by the JOC Consultant, the revised Job Order Proposal shall be due no later than forty-eight (48) hours after the agreement on the changes. The JOC Contractor shall revise the Job Order Proposal and resubmit it on or before the due date.
3. The UK Project Manager and/or the JOC Consultant reserves the right to reject a Job Order Proposal or cancel a Project for any reason. The UK Project Manager also reserves the right not to issue a Job Order if it is determined to be in the best interest of UK or the UK Project Manager. The UK Project Manager may perform such work by other means. The JOC Contractor shall not recover any costs arising out of or related to the development of the Job Order including but not limited to the costs to attend the Joint Scope Meeting, review the Detailed Scope of Work, prepare a Job Order Proposal (including incidental architectural and engineering services), subcontractor costs, and the costs to review the Job Order Proposal with the UK Project Manager.
4. Upon any task or price discrepancies, the JOC Consultant reserves the right to conduct a Joint Price Proposal Review which must be attended by the JOC Contractor, and the UK Project Manager. Should any task or price discrepancies be unresolved, the JOC Consultant has the final determination on the application of the Unit Price Book as it relates to the Job Order Proposal.
5. By submitting a Job Order Proposal, the JOC Contractor agrees to accomplish the Detailed Scope of Work in accordance with the Request for Job Order Proposal at the lump sum price submitted. It is the JOC Contractor's responsibility to include the necessary tasks and quantities in the Job Order Price Proposal prior to delivering it to the JOC Consultant.
6. Each Job Order provided to the JOC Contractor shall reference the Detailed Scope of Work and set forth the Job Order Price and the Job Order Completion Time. All clauses of this Contract shall be applicable to each Job Order. The Purchase Order delivered to the JOC Contractor constitutes the UK Project Manager acceptance of the JOC Contractor's Job Order Proposal.
7. Job Orders that remain active for more than 90 days, with an approved proposal and without a Purchase Order being created by the UK Project Manager may be subject to being marked as on hold.

F. Updates to the Simplebid Unit Price Book

1. The Simplebid Unit Price Book issued with the Request for Proposal will be in effect for the initial term of the Job Order Contract.
2. The Unit Price Book will be updated at the discretion of the University but no less than annually after the initial year. The Simplebid Unit Price Book accompanying each anniversary shall only apply to Job Orders issued “**after the effective date of that specific renewal option**” and shall have no impact on Job Orders issued prior to the effective date of that specific renewal option.

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3. The University reserves the right to allow for a grace period of no more than 45 days after the new Simplebid Unit Price Book is updated to allow for Job Order Proposals to be processed which were created from the previous Simplebid Unit Price Book.
4. **The Adjustment Factors submitted with the Financial Proposal as part of the Request for Proposal shall be used for the full term of the Job Order Contract.**

G. Job Order Contracting License

1. The University selected FOS of CannonDesign's (FOS) Simplebid job order contracting platform for the JOC program. The Simplebid platform includes FOS' proprietary Simplebid JOC software (JOC Application) and unit price book (Simplebid book), which shall be used by the JOC Contractor to prepare and submit Job Order Price Proposals, subcontractor lists, and other requirements specified by the University. The JOC Contractor shall be required to agree to the Simplebid End User License Agreement (EULA) via a click-through agreement upon logging into the Simplebid software. The Simplebid EULA may also be made available to JOC Contractors upon request.

Administrative Procedure No. 4 Initial Job Order Conference

A. Scheduling of the Initial Job Order Conference

1. With the exception of emergency projects, UK Project Manager will contact the JOC Contractor to schedule Initial Job Order Conference to discuss construction operations, activities, and sequence of events.
2. The JOC Contractor's Project Manager (or equivalent) is required to attend the scheduled Initial Job Order Conference. UK Project Manager, Design Professional (if applicable), and each Subcontractor submitted with the Job Order Proposal must also attend the meeting.

B. Initial Job Order Conference

1. The UK Project Manager will set the time, date and place for the Initial Job Order Conference, which will be scheduled prior to the Contractor mobilizing to the Project site.
2. The notice initiating the Conference shall be addressed to the JOC Contractor, with copies of the notice to the following:
 - Design Professional (if applicable)
 - UK Project Manager
 - JOC Consultant Account Manager
 - Project File
3. The Job Order Start Date is the date that a request is entered into Simplebid for purposes of calculating the Job Order Completion Time.
4. During the Initial Job Order Conference, the UK Project Manager shall conduct the order of business and discuss construction operations, activities, and sequence of events.
5. The UK Project Manager shall attach a separate sheet to the Initial Job Order Conference Report, indicating the names, addresses, and telephone numbers of the Design Professional (if applicable),

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UK Project Manager, and any other required entities. Distribution of the Initial Job Order Conference Meeting Report will be made by the UK Project Manager or designee, as follows:

All attendees and invitees as noted above as well as:

- JOC Consultant Account Manager
- Project File

6. The Submittal Schedule must be addressed at this Initial Job Order Conference (or earlier if authorized in a Letter of Intent) by the JOC Contractor and the Design Professional (if applicable) in accordance with the General Conditions for the JOC Contracts. The Submittal Schedule must be submitted by the Design Professional to the UK Project Manager on or before the first regular job conference held after the initial job order conference. The Submittal Schedule activities shall also be included, integrated, and tied to the logic of other activities in the Project Schedule by the JOC Contractor.

7. Agenda for the Initial Job Order Conference

a. Introduction of attendees.

b. Review of Special Requirements, which may include:

- (1) Protection of the Environment
- (2) Hazardous materials
- (3) Parking
- (4) Office for JOC Contractor
- (5) Temporary Heat
- (6) Existing Utilities
- (7) Working Hours
- (8) Operation and Maintenance Instructions/Manuals
- (9) Small Diverse Business / Veteran Business Enterprise Participation
- (10) Excavation
- (11) Roof Deck
- (14) Mobilization
- (15) Insurance Coverage
- (16) Weather or natural conditions related considerations
- (17) Supply chain or material concerns
- (18) Other

c. General Remarks

- (19) Safety
- (20) Coordination

d. General Information

- (21) Progress Photographs
- (22) Roof Bond/Warranties
- (23) Concrete
- (24) As-Built Drawings
- (25) Project Supervision
- (26) Miscellaneous

e. Permits, Fees, Notices

f. Establishment of date, time and location of the first regular job conference

g. Overview of General Conditions and Special Conditions

h. Draft Project Master Schedule

i. General Comments

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8. The UK Project Manager shall prepare detailed meeting minutes based on the list of all topics to be included with the meeting agenda. The meeting minutes shall be distributed to the JOC Contractor and the JOC Consultant Account Manager.

Administrative Procedure No. 5 Job Conferences

A. General Information Concerning Job Conferences

1. The following representatives must attend Initial, Regular and any Special Job Conferences*:
 - UK Project Manager
 - The JOC Contractor Project Manager or equivalent
 - Design Professional Representative (if applicable)
 - JOC Contractor's Subcontractors as required
 - Special Job Conferences are scheduled by the UK Project Manager.
2. The UK Project Manager will keep a record and distribute the proceedings of Job Conferences. The meeting record – Job Conference Report – shall be distributed to each addressee listed on the record within five business days of the Job Conference.
3. Failure to attend any Job Conference is a violation of these Special Conditions. If the JOC Contractor does not attend a Job Conference, they may be subject to termination of the Job Order, unless absence is excused by the UK Project Manager.
4. The JOC Consultant is not under any contractual requirement to attend any job conferences.

B. Regular Job Conference

1. Job Conferences may be held as often as necessary, however, in no case less than bi-weekly.
2. The UK Project Manager, or designee, may conduct job conferences. The number of job conferences and interval between each conference will depend on the complexity of the Detailed Scope of Work. These job conferences shall be attended by those described above.
3. The agenda of a Regular Job Conference shall include, at a minimum, the following:
 - a. General Review of Previous Report
 - b. Unsatisfactory conditions and/or workmanship, as noted on previous Job Conference Reports, must be noted when corrected by the JOC Contractor in the minutes of the first report following the correction. The manner in which the correction was made should also be noted in the minutes. The unsatisfactory item will be included as an item in each report until the issue is corrected. General discussion of Job Conditions
 - c. Review of past due Shop Drawings
 - d. Review of outstanding Changes in the Work requiring Supplemental Job Orders
 - e. Review of Progress Schedule
 - f. Special attention will be given to items that are behind schedule.
 - g. Projected work for the next bi-weekly period
 - h. Delays

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- i. The JOC Contractor should pay special attention to ensure that delays are documented on the Job Conference Reports since the UK Project Manager will review the minutes of the Job Conferences in reviewing the JOC Contractor's request for any Extension of Time.
 - j. General Information will be inserted onto the written Job Conference Reports, such as percentage of elapsed time for project, percentage of payment for project, percentage of job completion for project (based upon physical inspection), date, time and place of next job conference and name of person who prepared the Report.
- 4. Job Conference Reports will be distributed by the UK Project Manager to the following within five business days of the job conference.

C. Special Job Conferences

- 1. The UK Project Manager may call a Special Job Conference to consider any emergency or unusual job conditions.

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0001	1	Taylor Education Bldg	597 S Upper St	Lexington	40506	1929	Campus
0003	3	Research Facility #1	111 Washington Ave	Lexington	40536	1969	Campus
0004	4	Central Heating Plant #2	598 S Upper St	Lexington	40506	1939	Campus
0005	5	Frank D. Peterson Service Bldg	411 S Limestone St	Lexington	40506	1950	Campus
0009	9	Patterson Hall	335 S Martin Luther King Blvd	Lexington	40526	1904	Campus
0012	12	Blazer Dining	343 S. Martin Luther King Blvd	Lexington	40526	1962	Campus
0014	14	Hilary J. Boone Center	308 Columbia Ave	Lexington	40506	1986	Campus
0015	15	William B. Sturgill Development Bldg	450 Rose St	Lexington	40506	1982	Campus
0016	16	Gatehouse KY Clinic	140 Huguelet Dr	Lexington	40536	2004	Campus
0017	17	Dickey Hall	251 Scott St	Lexington	40506	1964	Campus
0019	19	Memorial Coliseum	201 Ave of Champions	Lexington	40506	1950	Campus
0020	20	Engineering Transportation Research Garage	531 S Limestone St	Lexington	40506	1981	Campus
0021	21	Old Engineers Residence	421 Rose St	Lexington	40506	1919	Campus
0022	22	Fine Arts Guignol Bldg	465 Rose St	Lexington	40506	1949	Campus
0023	23	Safety & Security	305 Euclid Ave	Lexington	40506	1962	Campus
0024	24	Lafferty Hall	150 Patterson Dr	Lexington	40506	1939	Campus
0025	25	White Hall Classroom Bldg	140 Patterson Dr	Lexington	40506	1970	Campus
0027	27	Patterson Office Tower	120 Patterson Dr	Lexington	40506	1970	Campus
0028	28	Barker Hall	408 Administration Dr	Lexington	40506	1902	Campus
0031	31	Frazee Hall	406 Administration Dr	Lexington	40506	1907	Campus
0032	32	Main Building	410 Administration Dr	Lexington	40506	1882	Campus
0033	33	Ezra Gillis Bldg	502 Administration Dr	Lexington	40506	1898	Campus
0034	34	Carol Martin Gatton Business & Economics Bldg	550 S Limestone St	Lexington	40506	1965	Campus
0035	35	Miller Hall	504 Administration Dr	Lexington	40506	1898	Campus
0038	38	Engineering Annex	509 Library Dr	Lexington	40506	1907	Campus
0039	39	Margaret I. King Library	511 Library Dr	Lexington	40506	1930	Campus
0040	40	Maxwell Place	471 Rose St	Lexington	40506	1871	Campus
0041	41	Pence Hall	507 Library Dr	Lexington	40506	1909	Campus
0042	42	Grehan Building	505 Library Dr	Lexington	40506	1951	Campus
0043	43	S. J. Sam Whalen Bldg	533 S. Limestone St	Lexington	40506	1968	Campus
0044	44	Kastle Hall	503 Library Dr	Lexington	40506	1910	Campus
0045	45	McVey Hall	155 Graham Ave	Lexington	40506	1928	Campus
0046	46	Anderson Hall Tower	512 Administration Dr	Lexington	40506	1966	Campus
0047	47	C. W. Mathews Bldg	606 S Limestone St	Lexington	40506	1908	Campus
0048	48	University of Kentucky J. David Rosenberg College of Law	620 S Limestone St	Lexington	40506	1965	Campus
0049	49	Memorial Hall	610 S Limestone St	Lexington	40506	1929	Campus
0050	50	Erikson Hall	135 Graham Ave	Lexington	40506	1940	Campus
0051	51	Mineral Industries Bldg	120 Graham Ave	Lexington	40506	1950	Campus
0052	52	Terrell Civil Engineering Bldg	140 Graham Ave	Lexington	40506	1941	Campus
0053	53	Stone Research Bldg	121 Washington Ave	Lexington	40506	1957	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0054	54	Funkhouser Bldg	501 Library Dr	Lexington	40506	1940	Campus
0055	55	Chemistry-Physics Building	506 Library Dr	Lexington	40506	1963	Campus
0056	56	Breckinridge Hall	502 Library Dr	Lexington	40506	1929	Campus
0057	57	Kinthead Hall	504 Library Dr	Lexington	40506	1929	Campus
0058	58	Bradley Hall	151 Washington Ave	Lexington	40506	1921	Campus
0059	59	Bowman Hall	149 Washington Ave	Lexington	40506	1947	Campus
0061	61	Tobacco Research Laboratory	150 Washington Ave	Lexington	40546	1936	Campus
0064	64	Scovell Hall	115 Huguelet Dr	Lexington	40546	1907	Campus
0065	65	Small Animal Lab	150 Huguelet Dr	Lexington	40546	1935	Campus
0066	66	Agronomy Head House	152 Huguelet Dr	Lexington	40546	1950	Campus
0067	67	Chi Omega Sorority	456 Rose St	Lexington	40508	1950	Campus
0068	68	Delta Delta Delta Sorority	468 Rose St	Lexington	40508	1957	Campus
0069	69	Alpha Delta Pi Sorority	476 Rose St	Lexington	40508	1950	Campus
0073	73	Thomas Poe Cooper Bldg	730 Rose St	Lexington	40546	1930	Campus
0074	74	Shively Track & Field Stadium	698 Sports Center Dr	Lexington	40506	2011	Campus
0075	75	Kelley Hall	360 Huguelet Dr	Lexington	40536	1931	
0076	76	Dimock Animal Pathology	1081 Veterans Drive	Lexington	40546	1948	Campus
0078	78	Med Center Annex #5	1096 Veterans Drive	Lexington	40536	1946	Campus
0079	79	Herman Lee Donovan Hall	361 Huguelet Dr	Lexington	40526	2012	Campus
0080	80	Lyman T. Johnson Hall	340 Hilltop Ave	Lexington	40526	2012	Campus
0082	82	Multi-Disciplinary Science Building (MDS)	725 Rose St	Lexington	40536	1985	Campus
0084	84	Gatehouse Roach Bldg	750 Rose St	Lexington	40506	2004	Healthcare
0085	85	Medical Center Heating and Cooling Plant	151 Hospital Drive	Lexington	40536	1960	Campus
0086	86	Medical Behavioral Science Building	1100 Veterans Drive	Lexington	40536	1982	Campus
0087	87	Medical Center Storage Facility	1530 College Way	Lexington	40536	1981	Healthcare
0088	88	Agriculture Motor Pool	1505 College Way	Lexington	40546	1935	Campus
0089	89	Cooling Plant #1	195 Hospital Drive	Lexington	40506	1967	Campus
0090	90	Art and Visual Studies Building	236 Bolivar St	Lexington	40508	1899	Campus
0091	91	Agriculture Science Center North	1100 South Limestone Street	Lexington	40546	1964	Campus
0092	92	Seed House	150 Hospital Drive	Lexington	40546	1964	Campus
0093	93	Ben F. Roach Cancer Care Facility (Pavilion CC)	750 Rose St	Lexington	40536	1985	Healthcare
0094	94	Cooper House	1312 Nicholasville Rd	Lexington	40546	1940	Campus
0095	95	Frances Jewell Hall	344 S Martin Luther King Blvd	Lexington	40526	2014	Campus
0096	96	Dorothy Enslow Combs Cancer Research Building	744 Rose St	Lexington	40536	1987	Healthcare
0097	97	E. S. Good Barn	1451 University Dr	Lexington	40546	1948	Campus
0098	98	Marylou Whitney and John Hendrickson Cancer Facility for Women (Pavilion)	740 Rose St	Lexington	40536	1991	Healthcare
0099	99	Gluck Equine Research Bldg	1400 Nicholasville Rd	Lexington	40546	1986	Campus
0100	100	Haggin Hall	325 Huguelet Dr	Lexington	40526	2014	Campus
0101	101	Gray Design Building	349 Scott St	Lexington	40506	1917	Campus
0102	102	Reynolds Warehouse #2	351 Scott St	Lexington	40506	1934	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0104	104	Chellgren Hall	720 Woodland Ave	Lexington	40526	2014	Campus
0107	107	Mining & Minerals Resources Bldg	310 Columbia Ave	Lexington	40506	1987	Campus
0108	108	Center for Robotics & Manufacturing Systems	143 Graham Ave	Lexington	40506	1989	Campus
0109	109	Wendell & Vickie Bell Soccer Complex	550 Wildcat Ct	Lexington	40506	2013	Campus
0113	113	Shively Sports Center	712 Sports Center Dr	Lexington	40506	1961	Campus
0117	117	Soccer Filming Tower	570 Wildcat Ct	Lexington	40506	2011	Campus
0119	119	Helen King Alumni Building	400 Rose St	Lexington	40506	1964	Campus
0120	120	Don and Mira Ball Hall	650 Woodland Ave	Lexington	40526	2014	Campus
0121	121	Sigma Nu Fraternity	422 Rose Lane	Lexington	40508	1962	Campus
0122	122	Delta Gamma Sorority	450 Pennsylvania Ave	Lexington	40508	1964	Campus
0123	123	Georgia M. Blazer Hall	326 S Martin Luther King Blvd	Lexington	40526	2014	Campus
0124	124	Delta Zeta Sorority	319 Columbia Terrace	Lexington	40508	1958	Campus
0125	125	Gamma Phi Beta Sorority	329 Columbia Terrace	Lexington	40508	1958	Campus
0126	126	Phi Sigma Kappa Fraternity	327 Columbia Terrace	Lexington	40508	1958	Campus
0127	127	Alpha Gamma Delta Sorority	325 Columbia Terrace	Lexington	40508	1958	Campus
0128	128	323 Columbia Terrace	323 Columbia Terrace	Lexington	40508	1958	Campus
0129	129	Delta Sigma Phi Fraternity	321 Columbia Terrace	Lexington	40508	1958	Campus
0139	139	The 90	440 Hilltop Ave	Lexington	40506	2015	Campus
0141	141	Kappa Delta Sorority	456 Rose Ln	Lexington	40506	2013	Campus
0154	154	Head House	150 Hospital Drive	Lexington	40546	1964	Campus
0155	155	Greenhouse No 2	150 Hospital Drive	Lexington	40546	1964	Campus
0156	156	Greenhouse No 4	150 Hospital Drive	Lexington	40546	1964	Campus
0157	157	Greenhouse No 7	150 Hospital Drive	Lexington	40546	1964	Campus
0158	158	Greenhouse No 5	150 Hospital Drive	Lexington	40546	1964	Campus
0159	159	Greenhouse No 3	150 Hospital Drive	Lexington	40546	1964	Campus
0160	160	Greenhouse No 1	150 Hospital Drive	Lexington	40546	1964	Campus
0161	161	Greenhouse No 9	150 Hospital Drive	Lexington	40546	1974	Campus
0162	162	Greenhouse No 11	150 Hospital Drive	Lexington	40546	1974	Campus
0163	163	Greenhouse No 6	150 Hospital Drive	Lexington	40546	1977	Campus
0164	164	Greenhouse No 12	150 Hospital Drive	Lexington	40546	2001	Campus
0166	166	Gatehouse Administration Dr	520 Administration Dr	Lexington	40506	1990	Campus
0172	172	Alpha Gamma Rho Fraternity	470 Rose Ln	Lexington	40508	2015	Campus
0173	173	Gatehouse Med Plaza	140 Huguelet Dr	Lexington	40506	2004	Campus
0174	174	Don & Cathy Jacobs Science Building	305 Huguelet Dr	Lexington	40506	2016	Campus
0175	175	Gatehouse Med Plaza	140 Huguelet Dr	Lexington	40506	2004	Healthcare
0176	176	Gatehouse Ky Clinic	140 Huguelet Dr	Lexington	40506	1992	Healthcare
0178	178	Gatehouse Young Library	449 Hilltop Ave	Lexington	40506	2003	Campus
0181	181	Pigman Hall	685 Sports Center Dr	Lexington	40526	2015	Campus
0183	183	Isolation Barn	1531 College Way	Lexington	40546	1961	Campus
0184	184	Agricultural Machine Research Lab	411 Stadium View	Lexington	40546	1983	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0186	186	Woodland Glen IV	703 Sports Center Dr	Lexington	40526	2015	Campus
0188	188	Woodland Glen V	693 Sports Center Dr	Lexington	40526	2015	Campus
0189	189	Shawneetown Bldg A	1608 University Court	Lexington	40503	1959	Campus
0190	190	Shawneetown Bldg B	1608 University Court	Lexington	40503	1959	Campus
0191	191	Shawneetown Bldg D	1608 University Court	Lexington	40503	1959	Campus
0192	192	Shawneetown Bldg F	1608 University Court	Lexington	40503	1959	Campus
0193	193	Shawneetown Bldg E	1608 University Court	Lexington	40503	1959	Campus
0194	194	Shawneetown Bldg C	1608 University Court	Lexington	40503	1959	Campus
0196	196	Band Viewing Tower	726 Sports Center Dr	Lexington	40506	2013	Campus
0197	197	Parking Garage #1	1290 Veterans Drive	Lexington	40506	1969	Campus
0198	198	Parking Garage #2	301 Hilltop Ave	Lexington	40506	1969	Campus
0199	199	Parking Garage #3	140 Huguelet Dr	Lexington	40536	1983	Campus
0200	200	Wethington Allied Health Building	900 S. Limestone	Lexington	40536	2002	Campus
0202	202	Cornerstone Garage	409 S Limestone St	Lexington	40506	1997	Campus
0204	204	Cooling Plant #2	591 S Upper St	Lexington	40506	1969	Campus
0205	205	Phi Mu	462 Rose Ln	Lexington	40508	2015	Campus
0207	207	Arts Metal Bldg	357 Scott St	Lexington	40506	1970	Campus
0210	210	Reynolds Warehouse #4	355 Scott St	Lexington	40506	1963	Campus
0211	211	Maxwell Place Garage	475 Rose St	Lexington	40506	1917	Campus
0212	212	Lancaster Aquatics	416 Complex Dr	Lexington	40506	1989	Campus
0213	213	Boone Tennis Center	454 Complex Dr	Lexington	40506	1986	Campus
0214	214	Flammable Storage Bldg	148 Graham Ave	Lexington	40506	1971	Campus
0215	215	W. P. Garrigus Bldg	325 Cooper Dr	Lexington	40546	1973	Campus
0216	216	Multi-Disciplinary Research Lab No 3	700 S. Limestone	Lexington	40536	1972	Campus
0217	217	Electric Substation #2	587 S. Upper St	Lexington	40506	1971	Campus
0219	219	Seaton Center	1210 University Dr	Lexington	40506	1972	Campus
0220	220	Bernard Johnson Student Rec Ctr	430 Complex Dr	Lexington	40506	2003	Campus
0222	222	Kroger Field	1540 University Dr	Lexington	40506	1974	Campus
0223	223	Warren Wright Medical Plaza	745 Rose St	Lexington	40536	1982	Healthcare
0224	224	Lucille Caudill Little Fine Arts Library	160 Patterson Dr	Lexington	40506	1974	Campus
0225	225	T H Morgan Biological Sciences	195 Huguelet Dr	Lexington	40546	1975	Campus
0227	227	Recreation Equipment Storage Bldg	452 Complex Dr	Lexington	40506	1976	Campus
0229	229	Agricultural Distribution Center	412 Stadium View	Lexington	40546	1977	Campus
0230	230	Sanders-Brown Center on Aging	800 S Limestone St	Lexington	40536	1979	Campus
0232	232	College of Nursing Building	751 Rose Street	Lexington	40536	1979	Campus
0235	235	John W Oswald Bldg	460 Cooper Dr	Lexington	40506	1977	Campus
0236	236	Kentucky Tobacco Research and Development Center	1401 University Dr	Lexington	40546	1977	Campus
0241	241	Singletary Center for the Arts	405 Rose St	Lexington	40506	1979	Campus
0243	243	Greg Page Apartments 1	300 Alumni Dr	Lexington	40503	1980	Campus
0244	244	Greg Page Apartments 2	300 Alumni Dr	Lexington	40503	1980	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0245	245	Greg Page Apartments 3	300 Alumni Dr	Lexington	40503	1980	Campus
0246	246	Greg Page Apartments 4	300 Alumni Dr	Lexington	40503	1980	Campus
0247	247	Greg Page Apartments 5	300 Alumni Dr	Lexington	40503	1980	Campus
0248	248	Greg Page Apartments 6	300 Alumni Dr	Lexington	40503	1980	Campus
0249	249	Greg Page Apartments 7	300 Alumni Dr	Lexington	40503	1980	Campus
0250	250	Greg Page Apartments 8	300 Alumni Dr	Lexington	40503	1980	Campus
0252	252	Greg Page Apartments 10	300 Alumni Dr	Lexington	40503	1980	Campus
0253	253	Greg Page Apartments 11	300 Alumni Dr	Lexington	40503	1980	Campus
0254	254	Greg Page Apartments 12	300 Alumni Dr	Lexington	40503	1980	Campus
0255	255	Greg Page Apartments 13	300 Alumni Dr	Lexington	40503	1980	Campus
0256	256	Greg Page Apartments 14	300 Alumni Dr	Lexington	40503	1980	Campus
0257	257	Greg Page Apartments 15	300 Alumni Dr	Lexington	40503	1980	Campus
0258	258	Greg Page Apartments 16	300 Alumni Dr	Lexington	40503	1980	Campus
0259	259	Greg Page Apartments 17	300 Alumni Dr	Lexington	40503	1980	Campus
0260	260	Greg Page Apartments 18	300 Alumni Dr	Lexington	40503	1980	Campus
0261	261	Greg Page Apartments 19	300 Alumni Dr	Lexington	40503	1980	Campus
0262	262	Greg Page Apartments 20	300 Alumni Dr	Lexington	40503	1980	Campus
0263	263	Greg Page Apartments 21	300 Alumni Dr	Lexington	40503	1980	Campus
0264	264	Greg Page Apartments 22	300 Alumni Dr	Lexington	40503	1980	Campus
0265	265	Greg Page Apartments 23	300 Alumni Dr	Lexington	40503	1980	Campus
0266	266	Greg Page Apartments 24	300 Alumni Dr	Lexington	40503	1980	Campus
0267	267	Greg Page Apartments 25	300 Alumni Dr	Lexington	40503	1980	Campus
0268	268	Greg Page Food Storage Laundry	300 Alumni Dr Suite 213	Lexington	40503	1980	Campus
0269	269	Communications Building	430 Stadium View	Lexington	40506	1987	Campus
0274	274	Moloney Building	450 Cooper Dr	Lexington	40506	1988	Campus
0275	275	Bruce Poundstone Regulatory Services Bldg	1600 University Ct	Lexington	40546	1989	Campus
0276	276	Charles E. Barnhart Building	1398 Nicholasville Rd	Lexington	40546	1989	Campus
0277	277	EJ Nutter Training Center	720 Sports Center Dr	Lexington	40506	1987	Campus
0278	278	PPD Storage Bldg	435 Stadium View	Lexington	40506	1987	Campus
0279	279	BIRP Building	460 Stadium View	Lexington	40506	1981	Campus
0280	280	Joe Craft Football Training Facility	295 Alumni Dr	Lexington	40506	2014	Campus
0281	281	Oliver H. Raymond Civil Engineering	508 Administration Dr	Lexington	40506	1994	Campus
0282	282	Gas Storage Building	390 Columbia Ave	Lexington	40506	1990	Campus
0284	284	Kentucky Clinic	740 S Limestone St	Lexington	40536	1992	Healthcare
0285	285	Nutter Field House	1401 Sports Center Dr	Lexington	40506	1993	Campus
0286	286	ASTeCC	145 Graham Ave	Lexington	40506	1996	Campus
0288	288	PPD Greenhouse	455 Stadium View	Lexington	40506	1993	Campus
0289	289	Stadium View Storage Building	475 Stadium View	Lexington	40506	1961	Campus
0293	293	UK Hospital - Chandler Medical Center & Hospital (Pavilion H)	800 Rose St	Lexington	40536	1962	Healthcare
0294	294	Gill Heart and Vascular Institute (Pavilion G)	842 Rose Street	Lexington	40506	2004	Healthcare

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0297	297	Dental Science Bldg	770 Rose St	Lexington	40536	1962	Campus
0298	298	William R. Willard Medical Education Bldg	780 Rose St	Lexington	40536	1962	Campus
0300	300	Arboretum Tool Shed	510 Alumni Dr	Lexington	40546	1993	Campus
0302	302	Dorotha Smith Oatts Visitor Center	500 Alumni Dr	Lexington	40506	2002	Campus
0303	303	Arboretum Restrooms	520 Alumni Dr	Lexington	40503	2013	Campus
0305	305	Peter P. Bosomworth Health Sciences Research Bldg	1095 Veterans Drive	Lexington	40536	1994	Campus
0308	308	Hospital Smoking Shelter	800 Rose St	Lexington	40536	2000	Healthcare
0312	312	Plant Sciences	1405 Veterans Dr	Lexington	40546	2002	Campus
0314	314	252 East Maxwell St	252 East Maxwell St	Lexington	40508	1980	Campus
0315	315	206 East Maxwell St	206 East Maxwell St	Lexington	40506	1853	Campus
0333	333	641 South Limestone St	641 South Limestone St	Lexington	40506	1961	Campus
0336	336	Thomas D Clark Bldg	663 South Limestone St	Lexington	40506	1950	Campus
0343	343	Bingham Davis House	218 E Maxwell St	Lexington	40508	1954	Campus
0344	344	RAYMOND F. BETTS HOUSE	232 E Maxwell St	Lexington	40508	1958	Campus
0345	345	Max Kade German House and Cultural Center	212 E Maxwell St	Lexington	40508	1897	Campus
0346	346	654 Maxwelton Ct	654 Maxwelton Ct	Lexington	40508	1923	Campus
0347	347	624 Maxwelton Ct	624 Maxwelton Ct	Lexington	40506	1981	Campus
0349	349	641 Maxwelton Ct	641 Maxwelton Ct	Lexington	40506	1948	Campus
0350	350	643 Maxwelton Ct	643 Maxwelton Ct	Lexington	40506	1949	Campus
0351	351	644 Maxwelton Ct	644 Maxwelton Ct	Lexington	40508	1957	Campus
0353	353	520 Oldham Ct	520 Oldham Ct.	Lexington	40502	1958	Campus
0359	359	Cooper Smokehouse	1312 Nicholasville Rd	Lexington	40546		Campus
0377	377	319 Rose Lane	319 Rose Lane	Lexington	40508	1924	Campus
0378	378	321 Rose Lane	321 Rose Lane	Lexington	40508	1924	Campus
0391	391	Bus Shelter #2	274 Ave of Champions	Lexington	40506	1985	Campus
0393	393	BUS SHELTER #7	440 Cooper Dr	Lexington	40506	1985	Campus
0394	394	Bus Shelter #6	355 Cooper Dr	Lexington	40506	1985	Campus
0397	397	Bus Shelter #9	1608 University Court	Lexington	40506	1985	Campus
0398	398	Bus Shelter #10	599 S.Upper St	Lexington	40506	1995	Campus
0399	399	Bus Shelter #11	639 S.Limestone	Lexington	40506	1995	Campus
0400	400	Ellen H. Richards House	630 Maxwelton Ct	Lexington	40506	1945	Campus
0401	401	Weldon House	635 Maxwelton Ct	Lexington	40506	1946	Campus
0403	403	Weldon House Unit 2	635 Maxwelton Ct	Lexington	40506		Campus
0413	413	Softball/Soccer Locker Rooms	556 Wildcat Ct	Lexington	40506	1999	Campus
0417	417	660 South Limestone	660 South Limestone	Lexington	40506	1968	Campus
0419	419	Bus Shelter #13	790 Rose Street	Lexington	40506	1995	Campus
0420	420	424 Euclid Avenue	424 Euclid Avenue	Lexington	40508	1949	Campus
0432	432	Commonwealth House	226 E Maxwell St	Lexington	40506	1970	Campus
0433	433	THE WILLIAM E. & CASIANA SCHMIDT VOCAL ARTS CENTER	412 Rose St	Lexington	40508	1942	Campus
0442	442	Ligon House	658 S Limestone St	Lexington	40506	1971	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0446	446	John Cropp Softball Stadium	570 Wildcat Ct	Lexington	40506	2013	Campus
0447	447	Hitting Pavilion	558 Wildcat Ct	Lexington	40506	2013	Campus
0449	449	Shively Grounds Storage Bldg	708 Sports Center Dr	Lexington	40506	2001	Campus
0453	453	Shively Grounds Bldg	706 Sports Center Dr	Lexington	40506	1998	Campus
0456	456	W.T. Young Library	401 Hilltop Ave	Lexington	40506	1998	Campus
0462	462	Sarah Bennett Holmes Hall	111 Avenue of Champions	Lexington	40526	2014	Campus
0463	463	Cleona Belle Matthews Boyd Hall	329 S Martin Luther King Blvd	Lexington	40526	2014	Campus
0465	465	Pavilion at Kroger Field	1580 University Dr	Lexington	40506	2015	Campus
0473	473	505 Oldham Ct	505 Oldham Ct.	Lexington	40502	1932	Campus
0481	481	LCC Academic Tech Building	470 Cooper Dr.	Lexington	40506	1993	Campus
0484	484	Real Properties Garage	518 Oldham Ct	Lexington	40502	1914	Campus
0485	485	Boone Tennis Stadium	725 Sports Center Drive	Lexington	40506	1997	Campus
0488	488	Woodland Early Learning Center	575 Woodland Ave	Lexington	40508	1990	Campus
0490	490	Environmental Quality Management	355 Cooper Dr	Lexington	40506	1997	Campus
0494	494	Stuckert Career Center	408 Rose St	Lexington	40506	2000	Campus
0495	495	James F. Hardyman Communications Bldg	301 Rose St	Lexington	40506	2000	Campus
0503	503	Ralph G Anderson Building (Mech Eng)	506 Administration Drive	Lexington	40506	2002	Campus
0504	504	Phi Gamma Delta Fraternity (FIJI)	447 Pennsylvania Ave	Lexington	40506	2002	Campus
0505	505	Kappa Sigma Fraternity	441 Pennsylvania Ave	Lexington	40506	2002	Campus
0507	507	410 Rose Lane	410 Rose Lane	Lexington	40506	1999	Campus
0509	509	Biomedical Biological Sciences Research Building (BBSRB)	741 S. Limestone	Lexington	40536	2005	Campus
0514	514	Central Utility Plant #4	751 Press Avenue	Lexington	40506	2004	Campus
0517	517	College of Medicine Learning Center	807 S. Limestone	Lexington	40536	1990	Campus
0518	518	BBSRB Generator Building	761 Press Avenue	Lexington	40506	2004	Campus
0564	564	630 South Broadway	630 South Broadway	Lexington	40506	1968	Campus
0565	565	John T. Smith Hall	740 Woodland Ave	Lexington	40526	2005	Campus
0566	566	Dale E. Baldwin Hall	701 Sports Center Dr	Lexington	40526	2005	Campus
0567	567	Margaret Ingels Hall	705 Sports Center Dr	Lexington	40526	2005	Campus
0568	568	David P. Roselle Hall	125 Avenue of Champions	Lexington	40526	2005	Campus
0571	571	Parking Structure #6	721 Press Avenue	Lexington	40506	2006	Campus
0572	572	Parking Structure #7	721 Sports Center Drive	Lexington	40506	2006	Campus
0582	582	University Health Service	830 S. Limestone	Lexington	40536	2008	Healthcare
0592	592	Storage Shed	485 Stadium View	Lexington	40506	2005	Campus
0596	596	Lee T. Todd, Jr. Building	789 S Limestone	Lexington	40536	2009	Campus
0597	597	817 Press Avenue	817 Press Ave	Lexington	40508		Campus
0598	598	819 Press Avenueue	819 Press Ave	Lexington	40508		Campus
0599	599	823 Press Avenue	823 Press Ave	Lexington	40508		Campus
0601	601	Parking Structure #8	110 Transcript Ave	Lexington	40536	2008	Healthcare
0602	602	Patient Care Facility (Pavilion A)	1000 S Limestone	Lexington	40536	2010	Healthcare
0604	604	Joe Craft Center	338 Lexington Avenue	Lexington	40506	2006	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0611	611	Medical Office Building (Samaritan)	125 E. Maxwell St	Lexington	40508	1998	Healthcare
0612	612	Good Samaritan Chiller Building	320 S. Limestone	Lexington	40508	1954	Healthcare
0613	613	Good Samaritan Parking Structure	330 S. Limestone	Lexington	40508	1983	Healthcare
0616	616	Seaton Center Storage	1214 University Dr	Lexington	40506	2003	Campus
0618	618	MacAdam Student Observatory	303 Hilltop Ave	Lexington	40506	2007	Campus
0633	633	Davis Marksberry Building	329 Rose Street	Lexington	40506	2011	Campus
0644	644	Wildcat Coal Lodge	318 College View Ave	Lexington	40506	2010	Campus
0651	651	Mandrell Hall	635 S Limestone	Lexington	40508	1949	Campus
0652	652	Bosworth Hall	631 S Limestone	Lexington	40508	2013	Campus
0653	653	Sanders Hall	629 S Limestone	Lexington	40508	2013	Campus
0654	654	Building 100	625 S Limestone, Bldg 100	Lexington	40508	1959	Campus
0655	655	Building 200	625 S Limestone, Bldg 200	Lexington	40508	1959	Campus
0656	656	Building 300	625 S Limestone, Bldg 300	Lexington	40508	1959	Campus
0657	657	Early Childhood Laboratory	621 S Limestone	Lexington	40508	1959	Campus
0658	658	Maintenance Bldg	627 Maxwellton Ct	Lexington	40508	1993	Campus
0659	659	Gas Building	623 Maxwellton Ct	Lexington	40508		Campus
0660	660	Maxwelton Ct Apts #1	633 Maxwellton Ct, Apts #1	Lexington	40508	1993	Campus
0661	661	Maxwelton Ct Apts #2	633 Maxwellton Ct, Apts #2	Lexington	40508	1993	Campus
0662	662	Maxwelton Ct Apts #3	633 Maxwellton Ct, Apts #3	Lexington	40508	1993	Campus
0663	663	Maxwelton Ct Apts #4	633 Maxwellton Ct, Apts #4	Lexington	40508	1993	Campus
0664	664	Maxwelton Ct Apts #5	633 Maxwellton Ct, Apts #5	Lexington	40508	1993	Campus
0665	665	Maxwelton Ct Apts #6	633 Maxwellton Ct, Apts #6	Lexington	40508	1993	Campus
0666	666	Maxwelton Ct Apts #7	633 Maxwellton Ct, Apts #7	Lexington	40508	1993	Campus
0667	667	Maxwelton Ct Apts #8	633 Maxwellton Ct, Apts #8	Lexington	40508	1993	Campus
0668	668	Maxwelton Ct Apts #9	633 Maxwellton Ct, Apts #9	Lexington	40508	1993	Campus
0669	669	Maxwelton Ct Apts #10	633 Maxwellton Ct, Apts #10	Lexington	40508	1993	Campus
0670	670	Maxwelton Ct Apts #11	633 Maxwellton Ct, Apts #11	Lexington	40508	1993	Campus
0671	671	Maxwelton Ct Apts #12	633 Maxwellton Ct, Apts #12	Lexington	40508	1993	Campus
0672	672	Maxwelton Ct Apts #13	633 Maxwellton Ct, Apts #13	Lexington	40508	1993	Campus
0673	673	Maxwelton Ct Apts #14	633 Maxwellton Ct, Apts #14	Lexington	40508	1993	Campus
0674	674	Maxwelton Ct Apts #15	633 Maxwellton Ct, Apts #15	Lexington	40508	1993	Campus
0675	675	Maxwelton Ct Apts #16	633 Maxwellton Ct, Apts #16	Lexington	40508	1993	Campus
0676	676	Bill Gatton Student Center	160 Avenue of Champions	Lexington	40506	2018	Campus
0677	677	University Flats	1160 University Dr	Lexington	40526	2017	Campus
0678	678	Lewis Hall	1120 University Dr	Lexington	40526	2017	Campus
0679	679	Healthy Kentucky Research Building	760 Press Ave	Lexington	40536	2018	Campus
0682	682	Kentucky Proud Park	510 Wildcat Ct	Lexington	40506	2017	Campus
0690	690	441 Rose Ln	441 Rose Ln	Lexington	40508	1920	Campus
0693	693	SEC Network Center	1540 University Dr	Lexington	40506	2014	Campus
0695	695	Blue Lot Bus Shelter	1590 University Dr	Lexington	40506	2016	Campus

BldgID	BldgNo	Name	Address	City	Zip	YearBuilt	Campus/Health Care
0698	698	Waller Health Care Annex 1	115 Waller Ave	Lexington	40508	2000	Healthcare
0699	699	Waller Health Care Annex 2	109 Waller Ave	Lexington	40508	2000	Healthcare
0702	702	Soccer Support Building	551 Wildcat Ct	Lexington	40506	2017	Campus
0703	703	Senior Center	1530 Nicholasville Rd	Lexington	40507	1983	Campus
0708	708	Kiln Enclosure Building	236 Bolivar St	Lexington	40508	2017	Campus
0711	711	Orange Lot Bus Shelter	1591 University Dr	Lexington	40506	2018	Campus
0712	712	430 Transylvania Park	430 Transylvania Park	Lexington	40508		Campus
0713	713	463 Rose Ln	463 Rose Ln	Lexington	40508		Campus
0719	719	Still Building	1320 Nicholasville Rd	Lexington	40546	2023	Campus
0720	720	The Cornerstone	401 S. Limestone St	Lexington	40506	2020	Campus
0721	721	Maturation Building	1330 Nicholasville Rd	Lexington	40546	2023	Campus
0723	723	Burley Tobacco Coop	620 South Broadway	Lexington	40508		Campus
0741	741	200 Conn Terrace	200 Conn Terrace	Lexington	40503	1955	Campus
0746	746	Jim Green Indoor Track and Field Center	700 Sports Center Dr	Lexington	40506	2023	Campus
0747	747	640 South Broadway	640 S Broadway	Lexington	40506		Campus
1200	1200	Electric Substation #1	196 Hospital Dr	Lexington	40526	1966	Campus
1201	1201	Electric Substation #3	829 Press Ave	Lexington	40506	2004	Campus
2100	2100	Alpha Chi Omega Sorority	411 Pennsylvania Ct	Lexington	40508	2018	Campus
2101	2101	Beta Theta Pi Fraternity	440 Pennsylvania Ave	Lexington	40508	2018	Campus
2102	2102	Kappa Alpha Theta Sorority	408 Pennsylvania Ct	Lexington	40508	2019	Campus
2103	2103	Phi Kappa Tau Fraternity	405 Pennsylvania Ct	Lexington	40508	2019	Campus
2142	2142	V.A. Medical Center	1101 Veterans Dr	Lexington	40502		
8633	8633	UK Healthcare Good Samaritan Hospital	310 South Limestone	Lexington	40508	1954	Healthcare
9813	9813	Child Development Center of the Bluegrass, Inc.	290 Alumni Dr	Lexington	40503	2011	Campus
9853	9853	Shriners Hospitals for Children Medical Center - Lexington	110 Conn Terrace	Lexington	40508	2015	
9854	9854	Anthropology Research Building	1020 Export St	Lexington	40506	1930	Campus
9925	9925	Alpha Phi Sorority	417 Columbia Ave	Lexington	40508	2012	Campus
9983	9983	College of Medicine	138 Leader Ave	Lexington	40506	2002	Campus

UNIVERSITY OF KENTUCKY
CONSTRUCTION PROCUREMENT

**JOB ORDER CONTRACTOR
DETERMINATION OF RESPONSIBILITY**

1. Purpose

KRS 45A.070(6) defines "Responsible bidder or offeror" as "a person who has the capability in all respects to perform fully the contract requirements and the integrity and reliability which will assure good faith performance," and "Best value" as "a Procurement in which the decision is based on the primary objective of meeting the specific business requirements and best interests of the Commonwealth." The information requested in this document is to be used verify the "responsibility" of apparently successful offerors.

A Responsible Offeror:

- (a) Has adequate financial resources (in working capital and bonding capacity) in relation to the scope and dollar amount of the project or the ability to secure such resources;
- (b) Has the experience, organization, technical qualification, available personnel resources, and has or can acquire the equipment necessary to perform the scope of work bid;
- (c) Is able to comply with the required performance schedule or completion date, taking into account existing commitments (i.e. capacity).
 - **Offerors that have not met schedule milestones, including but not limited to Substantial Completion and Final Completion dates on existing contracts with the University may be deemed non-responsible for award** until such time as the offeror has fulfilled their obligations on existing work.
 - The University reserves the right to contact individuals not provided by the offeror on reference projects.
- (d) Has a satisfactory record of performance, integrity, judgment, and skills to complete the scope(s) of work in the bid.

The information provided must verify that the bidding firm has a sufficient level of expertise, experience, financial stability, and personnel resources to qualify the firm as being "responsible" prior to proceeding with an award of Contract. The determination of the firm's capability and responsibility will be made as fairly and honestly as possible using a reasonable exercise of sound judgment and discretion in the review of information provided or otherwise secured through references or other sources.

2. Application Submittal

Apparently successful offerors must complete the information requested by typing or clearly printing responses in ink. All information requested must be provided. If a question does not apply, insert "NA" for not applicable. The University of Kentucky reserves the right to request supplemental information to fully determine the responsibility of offerors. As a condition of award, offerors agree to provide supplemental information, if requested by the University.

3. Insurance Requirements

Successful offerors will be required to provide proof of insurance indicating current liability coverages, including workers' compensation, with limits equal to or exceeding the amounts required by the RFP documents.

Job Order Contractor
Determination of Responsibility
Submittal
UK-2549-25

The apparently successful offeror(s) will be required to complete and submit to the University the following information as a condition of award. Failure to supply this information within the timeframe provided in the University's Notice of Intent to Award may result in the rejection of the offer.

1. Name of Firm _____
Headquarters Street Address _____
City, State, Zip _____
Local Mailing Address _____
City, State, Zip _____
Contact Person _____
Phone () _____
email address _____
Registered Agent _____
Mailing Address _____
City, State, Zip _____
2. Attach evidence of good standing with the Kentucky Secretary of State. If a sole proprietorship or general partnership, so state.
3. In the past five years, has the firm been fined for violating state or federal safety, wage & hour, or environmental laws?
_____ No _____ Yes If yes, attach an explanation.
4. Provide your firm's Experience Modification Rate (EMR). _____ Attach documentation of this rate.

Firms that provide no EMR rate, or a rate higher than 1.0 (truncated) may be deemed non-responsible for award due to worksite safety.

5. Has any key person of the firm (including but not limited to: owners of more than 5%, partners, officers, directors, or any other person whose duties, responsibilities, or authority would cause a reasonable person to consider them a key person of the firm) ever been convicted of embezzlement, theft, bribery, falsification or destruction of records, receipt of stolen property, criminal anti-trust violations or bid-rigging?

_____ No _____ Yes If yes, attach an explanation.

6. Has a civil court issued a judgment of \$10,000 or more against the firm in the past five years?

_____ No _____ Yes If yes, attach an explanation.

7. In the past five years, has the firm been terminated from any contract for reasons other than convenience?

_____ No _____ Yes If yes, attach an explanation.

8. How many years has the firm been in business? _____

9. Surety Info:

Surety Company Name_____

Street Address_____

City, State, Zip_____

Phone Number ()_____

Local Bond Agency_____

Kentucky Licensed Agent_____

Street Address_____

City, State, Zip_____

Phone Number ()_____

10. Bonding Capacity:

Current level of bonding capacity authorized by the surety:

Single Limit \$ _____

Aggregate Limit \$ _____

Bond Premium per \$1,000:_____

11. Bank Reference

Bank Name_____

Street Address_____

City, State, Zip_____

Phone Number ()_____

12. How many years has the firm been performing the services in this scope of work? _____

13. Project Manager: Provide the name of the project manager who will be assigned to and responsible for this project. A current resume of this individual shall be attached to this submittal. This resume should include a list of projects for which this manager has been responsible within the past five (5) years.
The Project Manager identified below shall not be reassigned to other/additional projects without the prior written approval of the University. If the Project Manager ends employment with the Contractor, a replacement Project Manager with equal or greater experience as determined by the University will be provided at no additional cost or extension of project completion time.

Name: _____

Phone: (_____) _____

email address: _____

14. Superintendent: Provide the name of the superintendent who will be assigned to and responsible for this project. A current resume of this individual shall be attached to this submittal. The resume should include a list of projects for which this superintendent has been responsible within the past five (5) years.
The superintendent identified below must be on site at all times that work is being performed without exception and shall not be reassigned to other/additional projects without the prior written approval of the University. If the superintendent ends employment with the Contractor, a replacement superintendent with equal or greater experience as determined by the University will be provided at no additional cost or extension of project completion time.

Name: _____

Phone: (_____) _____

email address: _____

Certification and Signature:

I hereby certify that I am an authorized principal of the firm and I:

1. Have read, and understand the reason for submitting this information;
2. Agree, upon request, to provide any additional information that may be necessary for determination of contractor responsibility;
3. Swear or affirm that all information provided on this submittal is true;
4. Understand that if any of the responses are found to be materially untrue, the firm will be ineligible to be awarded a contract.

Your signature on this document is a sworn statement to the University of Kentucky. This document must be signed by the firm's CEO, president, vice-president, partner, or sole owner.

Under penalties of perjury, I hereby swear or affirm, warrant and represent that the above answers and information have been personally provided by me, and that I have the authority to execute this document on behalf of this firm.

Signature _____
Name _____
Title _____

State of _____) County of)

Subscribed and sworn to before me on this _____ day of _____, 20____, by

_____, _____ acting for and
on behalf of (name) (office held)
_____. (firm)

Notary Public

_____, Kentucky My Commission
expires: _____

**University of Kentucky
JOB ORDER CONTRACTOR
EVALUATION**

Project Name:
Project Location:

Evaluator Name:

Contractor Name:
Contract #
Job Order #
Date:

QUANTITATIVE MEASUREMENTS:		
1	Original Total Construction Contract Amount:	
2	Number of Change Orders Issued:	
3	Total Dollar Value of Change Orders (CO):	
4	Percentage of CO to Total Contract Amount:	
5	Total Dollar Value of Liquidated Damages Assessed:	
6	Notice to Proceed Start Date:	
7	Original Date of Substantial Completion:	
	Revised Substantial Completion Date per Executed Change Order	
	Actual Date of Substantial Completion:	
8	Schedule Variance:	0
Was Client negatively impacted by schedule variance? (Yes/No)		
Was schedule variance a result of other contractors? (Yes/No/Combined)		
COMMENTS:		
SCORING LEGEND:		
(5) Excellent; (4) Good; (3) Satisfactory; (2) Less than Satisfactory; (1) Unacceptable; (0) Not applicable		
Rank the five categories based on the criteria outlined in each one.		
QUALITATIVE MEASUREMENTS: ("To what level...")		Score
Safety		
1	Did the Contractor submit and implement a project specific safety plan?	
2	Did the Contractor report any/all safety issues at every OAC meeting?	
SECTION SCORE:		0
SECTION AVERAGE SCORE:		0.0
Schedule		
1	did the Contractor complete the post-award documentation (insurance forms, schedule of values, project schedule, etc) in a timely manner?	
2	did the Contractor turn in submittals in a timely manner?	
3	Was the Contractor effective in scheduling the work and organizing construction operations?	
4	Did the Contractor submit regular updates to the schedule and revised progress schedules as appropriate?	
5	Did the Contractor have adequate equipment, tools and materials to maintain the project schedule?	
6	Did the Contractor have sufficient competent personnel to keep the project on schedule?	

Project Name:
Project Location:
Evaluator Name:

Contractor Name:
Contract #
Job Order #
Date:

7	Did the contractor cause any schedule delays to the project?	
	SECTION SCORE:	0
	SECTION AVERAGE SCORE:	0.0
	COORDINATION AND SUPERVISION:	
1	Was the Contractor represented at progress (OAC) meetings by a person with appropriate decision making authority?	
2	Did the Contractor work with the Client and Project Manager to maintain occupancy and traffic flow in areas impacted by remodeling, renovation and/or additions?	
3	Did the Contractor effectively manage other Prime Contractors, their own workforces and any sub-contractors?	
4	did the Contractor coordinate work with the utilities and appropriately schedule any required outages?	
5	Did the Contractor submit the appropriate waivers as required by the Contract Documents?	
	SECTION SCORE:	0
	SECTION AVERAGE SCORE:	0.0
	Responsiveness	
1	Was the Contractor proactive in notifying the Consultants and/or University of any deficiencies or problems with the Contract Documents?	
2	Did the Contractor proactively work with the Consultants to resolve any conflicts between conditions on-site and the Contract Documents without additional cost or delays?	
3	Was the Contractor responsive and cooperative with the University client and Project Manager?	
4	Did the Contractor respond to RFP/CO's in a timely manner after receipt from the Consultants?	
	SECTION SCORE:	0
	SECTION AVERAGE SCORE:	0.0
	PROJECT / FINAL CLOSEOUT	
1	Did the Contractor complete all punchlist items within the required timeline?	
2	Did the Contractor respond to warranty calls within a satisfactory time and completed work to resolve the issues?	
3	Did the Contractor provide closeout documentation (warranties, manuals, as-builts, etc) in a timely manner?	

Project Name:
Project Location:
Evaluator Name:

Contractor Name:
Contract #
Job Order #
Date:

	SECTION SCORE:	0
	SECTION AVERAGE SCORE:	0.0
	TOTAL SCORE:	0
	AVERAGE SCORE:	0.0
	COMMENTS: (Required for scores of less than 3)	
RECOMMENDATIONS:		
1	Would you recommend contracting with this Contractor for future projects?	
2	Would you recommend contracting with the Contractor for projects with this budget range?	
(Y) Yes; (N) No; (C) Conditional, would use Contractor again but with limitations listed below		
	LIMITATIONS:	
	LESSONS LEARNED:	

AFFIDAVIT

Comes the affiant and after having been duly sworn states as follows:

1. That affiant is the contractor awarded a contract by the University of Kentucky on RFP # UK-2549-25, University of Kentucky Job Order Program.
2. That all contractors and subcontractors employed, or that will be employed, under the provisions of this contract are in compliance with Kentucky requirements for Workers' Compensation Insurance according to KRS Chapter 342 and Unemployment Insurance according to KRS Chapter 341.

Further, the affiant sayeth naught.

By: _____

Title: _____

Contractor: _____

State of _____)

County of _____)

Subscribed and sworn to before me by _____ on this _____

day of _____, 2024.

My commission expires _____

Notary Public, State at Large

**UNIVERSITY OF KENTUCKY
CONSTRUCTION PROCUREMENT**

PAYMENT BOND

Bond Number: _____

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the University of Kentucky (the “Owner”) and JOB ORDER CONTRACTOR (the “Principal”) have entered a master contract (“Master Contract”) that allows for task orders to be issued within the terms and conditions established therein.

WHEREAS, the Owner and the Principal have mutually approved a Task Order for the completion of the scope of work detailed in TASK ORDER PROPOSAL #, TITLE (hereafter, the “Project”), with the task order price or amount of TASK ORDER VALUE IN WORDS - DOLLARS (\$0000.00).

WHEREAS, the Principal is required to furnish a payment bond for the protection of all persons performing, supplying, or furnishing labor, materials, equipment, or supplies to the contractor or its subcontractors for the performance of the work provided for in the agreement, including security for payment of all unemployment contributions which become due and payable under Kentucky unemployment insurance law, in an amount equal to one hundred percent (100%) of the contract amount, executed by a surety company authorized to do business in the Commonwealth of Kentucky, and satisfactory to the Commonwealth; and

WHEREAS, Surety Name of Surety State (the “Surety”), a surety company authorized to do business in the Commonwealth of Kentucky, has agreed to issue such bond.

NOW, THEREFORE, for the value received and intending to be legally bound hereby, the Principal and Surety agree to the following terms and conditions of this obligation:

1. **Recitations:** The recitals above are true and substantive parts of this instrument.
2. **Definitions:** The following terms are defined for the purposes of this instrument:
 - (a) **Bond** means this instrument and the terms and conditions of the Contract (as defined herein), both express and implied, which are incorporated herein by reference and constitute a part of this instrument to the same extent and effect as though copied verbatim herein, and are legally binding on the Principal and Surety including the obligations of the Surety provided therein.
 - (b) **Claimants** means all persons having just and lawful claims for (i) labor, materials, services, insurance, supplies, machinery, equipment, rentals, fuels, oils, implements, tools, appliances, and any other items of whatever nature, furnished for, used or consumed in the prosecution of the work called for by the Contract, whether lienable or non-lienable and whether or not permanently incorporated in said work; (ii) pension, welfare, vacation, and other supplemental employee benefit contributions payable under collective bargaining agreements with respect to persons employed upon said work; and (iii) federal, state, and local taxes and contributions required by law to be withheld and paid with respect to the employment of persons upon said work.
 - (c) **Master Contract** means that certain contract entered DATE between the Owner and the Principal for the performance of a Job Order Program.

- (d) **Contract** means that task order issued DATE, for the construction of the scope of work detailed in TASK ORDER PROPOSAL #, TITLE (the “Project”), all documents that comprise the agreement, any documents incorporated therein by reference, and any Contract Changes (as defined herein).
- (e) **Contract Change** means any change order, change of time, extension of time, amendment, modification, addition, or other alteration, material or otherwise, to the Contract, the contract price or amount, the work to be performed under the Contract, or the specifications accompanying same.

3. **Guaranty:** The Principal and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner, as obligee of the Bond, to pay all Claimants having just and lawful claims (as defined above). The Principal and Surety likewise guarantee the faithful payment of the prevailing hourly wage as set forth in the schedule incorporated into the bid documents unless the Project is exempt from the prevailing wage requirements of KRS 337.505 through 337.550.
4. **Bond Amount:** The bond amount is Contract Value in Words, \$0000.00 dollars. This amount shall be increased automatically by Contract Changes to the contract price or amount and shall not limit the Surety’s obligation or liability under the Bond for paying attorney fees, costs, or other legal expenses incurred by the Owner, which may be in excess of the bond amount as increased.
5. **Defeasance:** Except as provided by the Contract, the Principal and Surety shall have no obligations under the Bond if the Principal during the original term of the Contract, any extensions thereof which may be granted by the Owner with or without notice to the Surety, the guaranty period, the warranty period, and other periods limited only by statutes of limitation (a) promptly pays all Claimants; (b) satisfies all claims and demands incurred under the Contract; and (c) fully indemnifies and saves harmless the Owner from all costs, damages, attorney fees, consultant fees, and other expenses that it may suffer by reason of the Principal’s failure to do so. The Bond will otherwise remain in full force and effect.
6. **Amendment:** The Bond, including without limitation the Bond Amount, will be deemed amended, automatically and immediately without separate or written amendments hereto, upon any Contract Changes. The Principal and Surety agree to be bound by any Contract Changes. The Surety waives notice of any Contract Changes.
7. **Interpretation:** The Bond will be interpreted and enforced in accordance with Kentucky law. The Principal and Surety agree that they have taken part in drafting the Bond, which will not be construed against or in favor of any other party on the basis of drafting. To the extent that this instrument contradicts the Contract, the Contract will control.
8. **Beneficiaries:** The Principal and Surety agree that (a) the Bond will insure to the benefit of the Owner and all Claimants having just and lawful claims (as defined above) (collectively the “Beneficiaries”), whether or not they have any direct contractual relationship with the Principal; (b) the Beneficiaries may maintain independent actions upon this Bond in their own names; and (c) no final settlement between the Owner and Principal will abridge the right of other Beneficiaries with unsatisfied claims.

IN WITNESS WHEREOF, the Principal and Surety, by their duly authorized representatives, have executed this instrument, which is effective as of 00/00/0000.

ATTEST:
WITNESSES:

CONTRACTOR.

Witness as to PRINCIPAL

By

Witness as to PRINCIPAL

Title

ATTEST:
WITNESSES:

SURETY

Witness as to SURETY

By

Witness as to SURETY

Attorney-in-Fact

**UNIVERSITY OF KENTUCKY
CONSTRUCTION PROCUREMENT**

PERFORMANCE BOND

Bond Number: _____

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the University of Kentucky (the “Owner”) and JOB ORDER CONTRACTOR (the “Principal”) have entered a master contract (“Master Contract”) that allows for task orders to be issued within the terms and conditions established therein.

WHEREAS, the Owner and the Principal have mutually approved a Task Order for the completion of the scope of work detailed in TASK ORDER PROPOSAL #, TITLE (hereafter, the “Project”), with the task order price or amount of TASK ORDER VALUE IN WORDS - DOLLARS (\$0000.00).

WHEREAS, the Principal is required to furnish a performance bond for the faithful performance of the contract in an amount equal to one hundred percent (100%) of the contract price or amount as it may be increased, executed by a surety company authorized to do business in the Commonwealth of Kentucky, and satisfactory to the Commonwealth; and

WHEREAS, Surety Name of Surety State (the “Surety”), a surety company authorized to do business in the Commonwealth of Kentucky, has agreed to issue such bond.

NOW, THEREFORE, for the value received and intending to be legally bound hereby, the Principal and Surety agree to the following terms and conditions of this obligation:

1. **Recitations:** The recitals above are true and substantive parts of this instrument.
2. **Definitions:** The following terms are defined for the purposes of this instrument:

Bond means this instrument and the terms and conditions of the Contract (as defined herein), both express and implied, which are incorporated herein by reference and constitute a part of this instrument to the same extent and effect as though copied verbatim herein, and are legally binding on the Principal and Surety including the obligations of the Surety provided therein.

- (b) **Claimants** means all persons having just and lawful claims for (i) labor, materials, services, insurance, supplies, machinery, equipment, rentals, fuels, oils, implements, tools, appliances, and any other items of whatever nature, furnished for, used or consumed in the prosecution of the work called for by the Contract, whether lienable or non-lienable and whether or not permanently incorporated in said work; (ii) pension, welfare, vacation, and other supplemental employee benefit contributions payable under collective bargaining agreements with respect to persons employed upon said work; and (iii) federal, state, and local taxes and contributions required by law to be withheld and paid with respect to the employment of persons upon said work.
- (c) **Master Contract** means that certain contract entered DATE between the Owner and the Principal for the performance of a Job Order Program.

- (d) **Contract** means that task order issued DATE, for the construction of the scope of work detailed in TASK ORDER PROPOSAL #, TITLE (the “Project”), all documents that comprise the agreement, any documents incorporated therein by reference, and any Contract Changes (as defined herein).
- (e) **Contract Change** means any change order, change of time, extension of time, amendment, modification, addition, or other alteration, material or otherwise, to the Contract, the contract price or amount, the work to be performed under the Contract, or the specifications accompanying same.

3. **Guaranty:** The Principal and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner, as obligee of the Bond, for the full and faithful performance of the Contract and any Contract Changes. The Principal and Surety likewise guarantee the faithful performance of the prevailing hourly wage as set forth in the schedule incorporated into the bid documents unless the Project is exempt from the prevailing wage requirements of KRS 337.505 through 337.550.
4. **Bond Amount:** The bond amount is Contract Value in Words, \$0000.00 (dollars). This amount shall be increased automatically by Contract Changes to the contract price or amount and shall not limit the Surety’s obligation or liability under the Bond for paying attorney fees, costs, or other legal expenses incurred by the Owner, which may be in excess of the bond amount as increased.
5. **Defeasance:** Except as provided by the Contract, the Principal and Surety shall have no obligations under the Bond if the Principal during the original term thereof, any extensions thereof which may be granted by the Owner with or without notice to the Surety, the guaranty period, the warranty period, and other periods limited only by statutes of limitation (a) well, truly, and faithfully performs its duties to the Owner; (b) performs the Contract; (c) satisfies all claims and demands incurred under the Contract; (d) fully indemnifies and saves harmless the Owner from all costs, damages, attorney fees, consultant fees, and other expenses that it may suffer by reason of the Principal’s failure to do so; and (e) reimburses and repays the Owner all such expenses and outlay, without limitation, which the Owner may incur in making good any default. The Bond will otherwise remain in full force and effect.
6. **Amendment:** The Bond, including without limitation the Bond Amount, will be deemed amended, automatically and immediately without separate or written amendments hereto, upon any Contract Changes. The Principal and Surety agree to be bound by any Contract Changes. The Surety waives notice of any Contract Changes.
7. **Interpretation:** The Bond will be interpreted and enforced in accordance with Kentucky law. The Principal and Surety agree that they have taken part in drafting the Bond, which will not be construed against or in favor of any other party on the basis of drafting. To the extent that this instrument contradicts the Contract, the Contract will control.

IN WITNESS WHEREOF, the Principal and Surety, by their duly authorized representatives, have executed this instrument, which is effective as of 00/00/0000.

ATTEST:
WITNESSES:

CONTRACTOR

Witness as to PRINCIPAL

By

Witness as to PRINCIPAL

Title

ATTEST:
WITNESSES:

SURETY

Witness as to SURETY

By

Witness as to SURETY

Attorney-in-Fact

AGREEMENT
BETWEEN
UNIVERSITY OF KENTUCKY
AND
JOB ORDER CONTRACTOR

THIS AGREEMENT, made the Nth day of Month, 2024, by and between Job Order Contractor ("Contractor") and the UNIVERSITY OF KENTUCKY, ("Owner"), is to bind the parties hereto to the principles and terms set forth herein, and shall be binding upon the parties hereto.

WITNESSETH, that the Contractor and Owner for the consideration hereinafter named, agree as follows:

ARTICLE No. 1 SCOPE OF WORK:

Contractor shall provide all services for the University of Kentucky Job Order Contracting Program and shall furnish and perform everything required by the contract documents.

The contract documents include this Agreement, the Owner's Request for Proposal Numbered UK-2549-25 and as modified by Addenda _____ the Contractor's technical and financial proposals dated _____ and _____ respectively, the General Conditions, the Special Conditions, the Supplemental Conditions for JOC, the Medical facility project manual, the Simplebid® Unit Price Book version _____, the Contractor's Insurance and Affidavit, Performance and Payment Bonds as required by task orders, the Specifications, the Drawings including Supplemental Drawings and Change Orders issued after execution of the Agreement for the Work described in Article No. 1 of this Agreement, all of which are incorporated in and made a part thereof by reference, and which shall be binding upon the Contractor and Owner.

ARTICLE No. 2 TERM

The initial term of this Agreement shall become effective on Nth day of MONTH and shall expire on 7/31/2026.

ARTICLE No. 3 LIQUIDATED DAMAGES:

It is mutually understood and agreed by and between the parties hereto that time is of the essence in the performance of task orders issued under the auspices of this contract and that the Owner, the University of Kentucky, will sustain substantial monetary and other damages in the event of a failure or delay by the Contractor in the completion of the Work. It is further understood and agreed upon and made part of this Contract that the Work must be begun, performed, and completed without delay by the Contractor and if the Contractor fails to begin, perform without interruption, and complete said Work in due and proper time, the Contractor may be declared in default of this Agreement and will be required to pay liquidated damages to the Owner in amounts described within the Task Order.

This provision for liquidated damages is intended to compensate the Owner for the delay only and shall not preclude the Owner from making claims for other damages.

If the Work is not commenced or completed as required by the Task Orders issued under this Agreement, then the Contractor and its surety or sureties shall be liable for and pay to the Owner all damages sustained by reason of such failure or breach of contract and the Owner may immediately relet the Work.

ARTICLE No. 4 THE CONTRACT AMOUNT:

No Task Orders are guaranteed under this Agreement. When task orders are issued to Contractor, the Owner agrees to pay as full consideration for the Contractor's satisfactory performance of the Contract obligations an amount equal to the Contractor's adjustment factor multiplied by the Unit Price Book quantities established in each Task Order.

ARTICLE No. 5 SPECIAL NOTICE:

The Contractor hereby certifies that it is fully informed of the conditions of this Agreement, and agrees that it shall employ, methods and means in carrying out the Work so as not to interfere with or interrupt the Work of any other Contractor working on/or adjacent to the site for this Work.

IN WITNESS WHEREOF this Agreement is executed on the date and year first herein before written.

WITNESS:

CONTRACTOR: _____

Contractor

BY: _____

Title: _____

Name, Title

Approved for Legality and Form

Recommended By:

APPROVED: _____

Chief Procurement Officer

Simplebid® End User License Agreement

Your use of, and access to, the Simplebid® job order contracting software, including the Simplebid cost book ("Cost Book") and/or other related products (collectively, the "Software"), and the features, functions, and services offered through the Software (collectively, the "Services"), is subject to Your prior acceptance of this End User License Agreement ("EULA"), as may be amended from time to time by Facility Optimization Solutions, LLC ("FOS" we, "or "us").

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- b. You will not use the Software or Services for any purpose other than Your internal business purposes only and only for the Entity/Agency;
- c. You may not resell, sublicense, transfer, re-distribute, allow access to or otherwise provide or make available for any purpose any component of the Software to any person, firm or entity except as expressly set forth herein;
- d. You may not and may not permit or authorize any third party to, alter, reverse engineer, disassemble, decompile, circumvent or disable any code, feature or security or technologic measure that effectively controls access to, the Software, or otherwise engage in any conduct designed or intended to interfere with the operation of the Software;
- e. You shall not, and shall cause the Authorized Users not to, (i) use the Software and/or Services to store or transmit computer viruses, worms, time bombs, Trojan horses and other harmful or malicious code, routines, files, scripts, agents or programs, (ii) use the Software and/or Services to store or distribute any information, material or data that is harassing, threatening, infringing, libelous, unlawful, obscene, or which violates the privacy or intellectual property rights of any third party, (iii) access or use the Software and/or Services for any benchmarking or competitive purposes, including, without limitation, for the purpose of designing and/or developing any competitive products or services, (iv) sell, resell, rent, lease, offer any time sharing arrangement, service bureau or any service based upon, the Software and/or Services, (v) interfere with or disrupt the integrity or performance of the Software and/or Services or third-party data contained therein, (vi) attempt to gain unauthorized access to the Software and/or Services or any associated systems or networks or (vii) modify, make derivative works of, disassemble, decompile or reverse engineer the Software and/or Services or any component thereof.
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Limitation of Liability. FOS's liability under this EULA in connection with any claim arising out of or relating to the License, Software and/or Services any provided in connection with this EULA shall be limited to the lesser of the amount of Your actual direct damages or either (i) the amount of the License Fees paid to FOS under the applicable Order Form, if You have executed an Order Form, or (ii) \$500, if you have not executed an Order Form. Your right to monetary damages in such amount shall be exclusive of all other remedies which You may have at law or in equity against FOS, any affiliate or subsidiary of FOS, or any officer, director, shareholder, employee, consultant, agent, successor, or assign of FOS.

Account; Passwords. To access and use the Software and/or the Services, you must register an account with FOS (the "Account"). You shall only use the username issued to You by FOS in connection with the

Account, except as authorized by this EULA. If You are provided with a temporary username and/or password, You must modify the temporary credentials and create a unique username and/or password. You shall not share the Your Account username or password with anyone except as authorized by this EULA. You are responsible for maintaining the confidentiality of Your Account username and password and You are fully responsible for all activities that occur in connection with same. In the event of any breach of security, including, without limitation, access to the Software and/or Services via Your Account by someone other than You, You agree to immediately (a) change Your password, and (b) notify FOS of the security breach. You agree that the terms of this EULA will be binding upon and govern the relationship between You and FOS. You further agree to take any and all action necessary to ensure compliance with this EULA, and You shall indemnify FOS for any and all costs, damages, losses or expenses incurred in respect any use of the Software and/or Services via Your Account. FOS will not be liable for any loss or damage arising from your failure to comply with this paragraph. FOS reserves the right to terminate Your access to the Software and/or Services at any time for any reason or no reason.

Your Data: Suggestions.

- a. As between You and FOS, You own all right, title, and interest in and to the Your Data. Except as provided in this subparagraph, FOS obtains no rights under this EULA from you in or to the Your Data, including any related intellectual property rights. You grant FOS a license to display, perform, execute, distribute and modify the Your Data to enable You to operate the Software and/or Services and provide any applicable support. Further, You consent to FOS's (i) use of anonymous or de-identified Your Data for the purposes of marketing the Software and/or Services for benchmarking purposes; (ii) use of technical data and related information, including information about your browser, to facilitate the provision of software updates, product support, and other services to you (if any) related to the Software and/or Services, and (iii) disclosure of the Your Data to comply with any request of a governmental or regulatory body (including subpoenas or court orders). You agree that these rights and licenses are royalty-free, worldwide and irrevocable (for so long as the Your Data is stored in the Software) and include a right of FOS to make the Your Data available to, and transfer such rights to, others with whom FOS has contractual relationships related to the provision of the Software, the Services and/or any support related to same.
- b. You further represent and warrant that (a) You own all right, title, and interest in and to the Your Data or have the rights and permissions necessary to use Your Data in connection with the Software and Services; and (b) You have all rights and permissions necessary to grant the rights contemplated by this EULA.
- c. If you provide any suggestions regarding the Software or the Services to FOS, we will own all right, title and interest in and to the suggestions, even if you have designated the suggestions as confidential. FOS will be entitled to use the suggestions without restriction. You hereby irrevocably assign to FOS all right, title and interest in and to the suggestions and agree to provide FOS any assistance FOS may require to document, perfect and maintain FOS's rights in the suggestions.

Waiver of Consequential Damages. In no event shall FOS or its affiliates be liable to You for any special, indirect, consequential or incidental damages arising out of, or as the result of the License, the Software and/or the Services provided to You, regardless of whether arising out of a contract claim, tort claim or otherwise and whether such damages are foreseeable.

Indemnification. You assume sole responsibility for its use of the License, the Software and/or the Services and shall defend, indemnify and hold FOS, its affiliates, and their directors, officers and employees harmless from and against all liabilities, claims, and damages that arise in connection with or as a result of use of the Software and/or Services by You or Your Authorized Users.

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Termination. This EULA shall continue in effect until terminated as set forth herein. This EULA may be terminated, and/or the License revoked or modified by FOS if the You breach any provision of this EULA, including, without limitation, if You fails to pay applicable fees when due and FOS submitted a proper invoice. FOS shall provide seven (7) days written notice to You of termination of this EULA or revocation of any License. FOS may also terminate this EULA immediately upon notice to You if FOS's relationship with a third-party provider whose software, hosting or other technology FOS uses to provide the Software and/or Services expires, terminates or requires FOS to change the way FOS provides the Software and/or Services. Upon FOS's termination of this EULA due to Your breach, it is agreed that no refund of License Fees shall be due to You. Upon termination of the EULA, neither You nor Your Users will be authorized to use the Software and/or Services and the License shall be immediately cancelled. In the event of termination of the EULA, upon written request by You, copies of Your Data will be delivered to You within thirty (30) days thereof; provided, that You shall pay in advance all reasonable costs of transferring copies of the Your Data to You. No termination of this EULA shall release or affect any obligations or liabilities incurred by either party under this EULA prior to the effective date of such termination. The paragraphs of this EULA under the headings "Disclaimer," "Ownership of Software," "Limitation of Liability," "For U.S. Government End Users," "Export Restrictions," "Waiver of Consequential Damages," "Indemnification," and "Governing Law" shall survive termination of the License and this EULA.

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Governing Law. This EULA shall be construed according to, and the legal relations between the Parties shall be governed by, the laws of the State of New York, excluding its conflicts of law provisions. You and FOS agree to submit to the personal and exclusive jurisdiction of the courts located within the county of Erie, to resolve any dispute or claim arising from this EULA.

Amendments. Changes to this EULA may be made by FOS by publishing revised versions of this EULA to the URL www.simplebid.net. All revisions to this EULA shall be deemed effective and binding upon You and Your Users immediately upon being published to the foregoing URL without advance notice or consent of You or Your Users.



Simplebid®



The Simplebid® UPB

Job Order Contracting Unit Price Book

Prepared for: University of Kentucky

Contract:

Version: 2024-08-16

Date: August 16, 2024



Version: 2024-08-16
August 16, 2024

Unit Price Book

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Ownership and Permitted Use Statement

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I. Introduction

The Simplebid UPB is a database of construction tasks and associated unit costs. This database is designed to facilitate the job order contracting (JOC) construction procurement method. This publication is often known as a JOC Unit Price Book (UPB).

Important Considerations

It is important for users of the Simplebid platform to recognize that the Simplebid UPB has some characteristics that may be unlike other unit price books used in JOC programs.

- Items & Assemblies

The Simplebid UPB includes both itemized unit costs and assembly level line items. Assembly items combine multiple construction tasks into single systems level cost and are based on an appropriate unit of measure.

- Unit Costs

The Simplebid UPB's unit costs are inclusive of all labor, equipment, and materials required for the complete installation of a unit of measurable work.

- Pricing

Simplebid UPB line-items reflect subcontractor costs and exclude general conditions & requirements which are to be accounted for in the contractor's Adjustment Factors. Detailed information regarding the pricing structure and excluded costs are provided in Section III, entitled "General Pricing Structure".

II. Using the Simplebid UPB

A. For Job Order Contracting Only

The Simplebid software and the Simplebid UPB are only to be used for the preparation of JOC Adjustment Factors and to prepare price proposals responding to work order requests for proposals issued within a JOC program. Other uses of the Simplebid software and Simplebid UPB are prohibited and subject to the Simplebid end user license agreement.

B. A. For JOC Solicitations and Work Order Proposal Pricing

The Simplebid UPB contains component and assembly unit prices for construction tasks and includes general notes, descriptions, and clarifications. These general notes, descriptions, and clarifications are intended to help guide the user in the selection of unit price line items, determine JOC Adjustment Factors, and compile individual work order price proposals. The Simplebid UPB does not replace or take precedence over project specific documents including but not limited to the following:

- Material Quality and Quantity
- Installation Means, Procedures, or Methods
- Scope of Work Documents
- Plans & Specifications
- Contractual Agreements

It is the responsibility of the responding bidder to review and understand all contract documents, including the contents of the Simplebid UPB, to determine Adjustment Factors as solicited by University of Kentucky.

It is the responsibility of awarded contractors using the Simplebid software and the Simplebid UPB to return price proposals that reflect each individual work order scope of work as described by any project documents. Awarded contractors are required to perform all tasks within a prescribed scope of work in accordance with the job order contract and any other contractual agreements with University of Kentucky. Furthermore, awarded contractors are required to perform all work in accordance with procurement, production, and project specifications, applicable laws, codes, statutes, and industry standards as prescribed by University of Kentucky.

C. Use of Adjustment Factors

Adjustment Factors that are established upon the execution of a job order contract between a responding bidder and University of Kentucky and are applied through the Simplebid software to all individual unit prices contained in the Simplebid UPB and to all New Item Requests (NIRs).

These Adjustment Factors are carried throughout the term defined by the job order contract between the responding bidder and University of Kentucky.

D. UPB Layout

The Simplebid UPB is arranged by CSI MasterFormat® which provides a standard list of numbers and titles to organize construction items and costs. This structure includes a sortable arrangement of industry-standard divisions that are broken down into four subgroups:

General Requirements Subgroup	Division 01
Facility Construction Subgroup	Division 02 through Division 14
Facility Services Subgroup	Division 21 through Division 28
Site and Infrastructure Subgroup	Division 31 through Division 35

The Simplebid Unit Price Book is further divided into four standard MasterFormat® Levels including Divisions (Level 1) and Titles or Sections (Levels 2 - 4). Hover notes are included as applicable for different levels to provide clarification statements. Hover notes typically apply to all levels and items within the associated level.

III. Pricing Structure

A. General Pricing Structure

The Simplebid UPB's General Pricing Structure includes the following key factors used to determine line-item unit prices.

Line-item unit prices **include** applicable sales taxes.

Simplebid UPB line-item unit prices **include** burdened and "fully loaded" subcontractor pricing including but not limited to:

Subcontractor Indirect Costs and Markups	
<input checked="" type="checkbox"/>	All home office costs
<input checked="" type="checkbox"/>	All required insurances, bonds, and indemnifications
<input checked="" type="checkbox"/>	All construction facilities and personnel including mobilization and demobilization
<input checked="" type="checkbox"/>	Nonworking supervision
<input checked="" type="checkbox"/>	Overhead and Profit

Line-item unit prices include current local competitive construction market pricing. Local prevailing wage rates **are included** in unit price line items.

Responding bidder fees, profits, bonds, insurance, and general requirements / conditions are omitted from each individual line-item unit price within the Simplebid UPB and are to be included by the responding bidder within the job order contract Adjustment Factors. Responding bidder's typical omitted general requirements (CSI MasterFormat® Division 01) are listed below. The costs associated with omitted general requirements should be included by the responding bidder within the job order contract Adjustment Factors.

Certain project specific construction cost implications may exist. Where applicable, these costs should be included in additional adjustment factors or adjustment factor modifiers. Refer to University of Kentucky solicitation documents to understand the scope of solicited job order contracts and the associated Adjustment Factors.

B. General Requirements

All General Requirements **are excluded** (unless specifically stated otherwise) and are to be included in the Contractor's Adjustment Factor.

Examples of **Omitted** General Requirements:

Staff	
<input type="checkbox"/>	All Field Staff – Engineer, Scheduler, Project Manager, Superintendent, Office Clerk, Secretary, etc.
<input type="checkbox"/>	General Foreman - Non-Working
<input type="checkbox"/>	Project Site Coordinator
<input type="checkbox"/>	Quality Control Manager
<input type="checkbox"/>	Training Consultant
<input type="checkbox"/>	Sustainability Coordinator
Permits & Fees	
<input type="checkbox"/>	Building Permits
<input type="checkbox"/>	Demolition, Abatement, and Environmental Permits
<input type="checkbox"/>	HVAC, Plumbing, Fire Protection, and Electrical Permits
<input type="checkbox"/>	Stormwater & Dewatering Discharge Permits
<input type="checkbox"/>	Traffic Control & Street Use Permits
Testing and Inspections	
<input type="checkbox"/>	Hourly Inspection Services
<input type="checkbox"/>	General Testing Services
<input type="checkbox"/>	Specified Material Testing and Inspection Services (subject to agency approval)
Documentation	
<input type="checkbox"/>	As Built Drawings, Models, and Renderings (REVIT)
<input type="checkbox"/>	Construction Progress Documentation
<input type="checkbox"/>	Digital Progress, Aerial, and Drone Photos and Videos
<input type="checkbox"/>	Pre-Construction & Building Layout Surveys

⊗ Submittal Drawings & Procedures	⊗ Facility Performance and Quality Assurance Requirements
⊗ Contractor Plans – Dewatering, Pollution Control, Emergency Response, Shoring, etc.	⊗ Commissioning
⊗ Project Closeout	⊗ Field Equipment – Trucks, Buggies, Carts, etc.
Temporary Facilities	⊗ Material Storage Facilities & Containers
⊗ Temporary Energy Usage	⊗ Daily & Final Clean-up
⊗ Temporary Facilities - Field Offices, Furnishings, Equipment, etc.	⊗ Special Procedures
⊗ Temporary Sanitary Facilities	⊗ Safety Requirements & Fall Protection
⊗ Temporary Stormwater Runoff, Control, and Filtering	⊗ Home Office Support
⊗ Temporary Utility Connections - Storm, Water, Sanitary, Electric, IT, Communication, Gas, etc.	⊗ Travel Expenses, Milage, and Per Diem
Miscellaneous	⊗ Mockups
⊗ Legal, Accounting, and Audit Consultants	⊗ Product Sourcing Administration
⊗ Environmental, Indoor Air Quality, Pollution, and Infection Control Procedures	⊗ Project Meetings and Coordination
⊗ Waste Management Procedures (Handling & Separation)	⊗ Best Management Practices (BMPs)
	⊗ Protection of Existing Surfaces and Conditions
	⊗ Safety, Security, and Surveillance Equipment

ⓘ Exception – See CSI MasterFormat® Division 01 for allowable general requirements items.
ⓘ Exception – General Requirements exceptions will be considered on a case-by-case basis for extenuating circumstances or conditions upon approval from the agency and project manager.

C. Holistic Pricing

Assembly items are intended to create a holistic description and price for a measurable construction task. Not all items may be an exact match to any terms and specifications of the project documents. It is the responding bidder or awarded contractor's sole responsibility to select the assembly item that most closely reflects the intent of the scope of work and any project documents and to contact University of Kentucky with any questions regarding selections or substitutions.

Assembly items **are required** for first selection and take precedence over the selection of individual component line items.

D. Economy of Scale

The Simplebid UPB is compiled with the recognition that economies-of-scale **are not** available in some cases. Where possible, unit price line items clearly define their quantification limits in the description. These unit price line-items provide pricing adjustments that represent equitable "high-cost/low-productivity" situations. It is important to read each description and notes regarding applicable quantities as pricing for a similar task may vary.

E. Measured Units

This table contains the Simplebid UPB's measured units with the corresponding description:

Unit	Description
ACRE	Acre
CF	Cubic Feet
CFM	Cubic Feet Per Minute
CY	Cubic Yard
DAY	Day
DRUM	Drum
EA	Each
FL	Floor
FLAT	Flat
FLT	Flight
FT	Feet
GAL	Gallon
HOLE	Hole
HR	Hour
INCH	Inch
LB	Pound
LF	Linear Feet
LS	Lump Sum
ML	Mile
MO	Month
OP	Opening
PR	Pair
RI	Riser
SEAT	Seat
SET	Set
SF	Square Feet
SFCA	Square Foot Contact Area
SFRA	Square Foot Roof Area
SITE	Site
STOP	Stop
SY	Square Yards
TN	Ton
TON	Ton
WATT	Watt
WK	Week
YR	Year

A. Labor, Materials, & Equipment

1. Labor Costs

Labor (Included)
<input checked="" type="checkbox"/> All small tools.
<input checked="" type="checkbox"/> Base wages at straight time including fringes and benefits.
<input checked="" type="checkbox"/> Unemployment insurances, worker's compensation, social security, and Medicare taxes.
<input checked="" type="checkbox"/> Refer to construction documents, applicable codes, and OSHA safety requirements for specific installation requirements.
<input checked="" type="checkbox"/> Receiving, unloading, stockpiling, distribution, handling, assembly, fitting, joining, spreading (earthwork, etc.), and erection as required for installation.

2. Materials Costs

Materials / Materials Handling (Included)
<input checked="" type="checkbox"/> Delivery FOB to the site – Including loading, transportation, unloading, staging to the required area and ready for installation.
<input checked="" type="checkbox"/> Consumable materials used up during construction such as drill bits, welding rods, gases, flux, saw blades, etc.
<input checked="" type="checkbox"/> Lifts, rigging, and scaffolding required to stage, lift, and reach up to 15 feet above the work surface.
<input checked="" type="checkbox"/> All caulking including exterior weatherproofing caulking as well as interior material change caulking.
<input checked="" type="checkbox"/> Any construction aids for safety, testing or balancing as required by contract documents.
<input checked="" type="checkbox"/> Refer to contract documents and applicable building codes for specific material requirements.
<input checked="" type="checkbox"/> All general equipment (defined as any equipment which does not require a classified power equipment operator) including but not limited to air tools, welders, generators, and power tools.
<input checked="" type="checkbox"/> All required fasteners, gaskets, adhesives, and anchors to substrates.
<input checked="" type="checkbox"/> CSI MasterFormat® Divisions 02 through 28 items include material handling for up to 200 feet and 3 stories from stockpile or delivery location to work areas unless specifically stated otherwise.
<input checked="" type="checkbox"/> CSI MasterFormat® Divisions 31 through 35 items include material handling for up to 500 yards from staging or delivery location to work areas unless specifically stated otherwise.
<input checked="" type="checkbox"/> Additional costs for seismic, hurricane impact, anti-ligature, and ADA-required materials are shown as separate line items.

① **Exception** - If rigging, lifts, scaffolding, winches, and rubbish shoots are required for work above 15'-0' from the work surface, refer to CSI MasterFormat® Division 01 for associated assembly items.

① **Exception** - Refer to CSI MasterFormat® Division 01 for material handling of items beyond the conditions noted above.

3. Construction Equipment Costs

Construction Equipment (Included)
<input checked="" type="checkbox"/> All heavy equipment (defined as any equipment requiring a classified power equipment operator) expenses including but not limited to rental, purchase, mobilization, demobilization, set-up, operating, maintenance, repair, depreciation, incidentals, and fuel costs.

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Construction Equipment (Included)	
<input checked="" type="checkbox"/>	Equipment operators, oilers, truck drivers, etc. (unless noted otherwise)
<input checked="" type="checkbox"/>	All equipment as required for installation and removals (unless noted otherwise) including but not limited to:
<input checked="" type="checkbox"/>	Earthmoving
<input checked="" type="checkbox"/>	Shoring
<input checked="" type="checkbox"/>	Placement/Pouring
<input checked="" type="checkbox"/>	Rigging
<input checked="" type="checkbox"/>	Structural Items
<input checked="" type="checkbox"/>	Hauling & Disposal (On and off site)
<p>① Exception - Refer to MasterFormat® Section-Specific Notes below for exceptions and additional clarifications.</p> <p>① Exception - All general equipment is included under material costs as noted above. Individual equipment line items can only be utilized as noted by specific items or MasterFormat sections.</p>	

B. MasterFormat® Section Specific Considerations

Refer to notes located on CSI MasterFormat® Levels 1 through 4 in the Simplebid Unit Price Book (presented as “hover notes” within the Simplebid JOC software) for additional section specific clarifications to the following:

1. General Requirements Subgroup

Disallowed
⊘ Additional General Requirements beyond those included in UPB CSI MasterFormat® Division 01 or those excluded above.
Division 01 – General Requirements
<input checked="" type="checkbox"/> Includes general requirements items which are exceptions to, or have not been, specifically omitted above.

2. Facility Construction (Vertical Construction) Subgroup

Disallowed
⊘ Mobilization and Demobilization of all construction equipment unless specifically stated otherwise.
Division 02 – Existing Conditions
<input checked="" type="checkbox"/> Includes all assembly items for temporary shoring of building structure to facilitate modifications and removals.
<input checked="" type="checkbox"/> Includes all item removals for CSI MasterFormat® Divisions 3 through 14, 31, and 32. Item removals for CSI MasterFormat® Divisions 21 through 28 and 33 are located within their applicable sections.
<input checked="" type="checkbox"/> Refer to the corresponding CSI MasterFormat® Division for the refurbishment or reuse of existing items.
<input checked="" type="checkbox"/> Refer to the corresponding CSI MasterFormat® Division for the patching of existing conditions.
<input checked="" type="checkbox"/> All demolition/removal costs exclude any salvage value.

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Division 03 – Concrete

- ☒ All Structural Pre-cast Concrete Simplebid Assembly Items may refer to CSI MasterFormat® Division 01 for the cost of rigging.

Division 05 – Structural Steel

- ☒ Refer to CSI MasterFormat® Division 01 for rigging equipment if any single (1) structural steel piece weighs more than 1-Ton (2,000 lbs.)

3. Facility Services Subgroup**Allowed**

- ☒ Refer to CSI MasterFormat® Division 01 for rigging equipment required for the installation of mechanical and electrical equipment weighing over 1,000 pounds.
- ☒ Mobilization and Demobilization of temporary mechanical and electrical equipment.

Disallowed

- ☐ Mobilization and Demobilization of all construction equipment (except rigging) unless specifically stated otherwise.

Division 21 – Fire Suppression**Division 22 – Plumbing****Division 23 – Heating, Ventilating, and Air Conditioning (HVAC)****Division 25 – Integrated Automation****General**

- ☒ All demolition/removal costs exclude any salvage value.
- ☒ Manufacturer and Model numbers are for reference/comparison purposes only and are not intended to specify specific items. Reference contract documents for specific selections and approved equals.
- ☒ Item descriptions may not include every size, range, or increment of sizes available for every item. It is the responsibility of the contractor to choose the most applicable item.
- ☒ Cutting and patching work required for the installation of mechanical system or components shall be included under CSI MasterFormat® Divisions 02 through 14.
- ☒ Items are of commercial grade unless stated otherwise.
- ☒ Labor costs include accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, mechanical & electrical systems, etc. to be priced separately.

Piping & Ductwork

- ☒ Piping and ductwork insulation items include factory applied all service jacket as required.
- ☒ Ductwork items include hangers and fittings.
- ☒ Piping, Fittings, Valves, and Specialties include all required nuts, bolts, and gaskets.
- ☒ Specialties include (but are not limited to): strainers, traps, balancing valves, control valves, regulating valves, flexible connectors, vents, meters, gauges, etc.
- ☒ Piping items include hangers and couplings (as required) unless stated otherwise.
- ☒ Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.
- ☒ Pre-Insulated / Prefabricated piping systems to be factor fabricated, assembled, and pressure tested. System includes insulated carrier piping, conduit, fittings, and inner pipe supports.
- ☒ Cast iron no hub pipe and fittings including heavy-duty shielded couplings.
- ☒ Sizes shown for piping insulation line items are based on nominal pipe sizes.

Equipment, Terminal Units & Fixtures

- ☒ Equipment costs include freight to jobsite, factory certified start-up services, owners' training, and manufacturer's standard warranty.

Division 21 – Fire Suppression Division 22 – Plumbing Division 23 – Heating, Ventilating, and Air Conditioning (HVAC) Division 25 – Integrated Automation
<input checked="" type="checkbox"/> Equipment and terminal unit items exclude balancing, temperature control, electrical, ductwork, and piping hook-ups (connections), unless stated otherwise. The contractor is responsible for adding these additional items as required.
<input checked="" type="checkbox"/> Equipment hook-up items include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
<input checked="" type="checkbox"/> Plumbing fixture rough-ins and terminal unit hook-up items include all required pipe, fittings, valves, and specialties within 5 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
<input checked="" type="checkbox"/> Equipment costs exclude housekeeping pads and dunnage.
<input checked="" type="checkbox"/> All air handling & rooftop unit costs include variable frequency drives.
<input checked="" type="checkbox"/> Exhaust fan and packaged DX rooftop unit costs include roof curbs as required.
<input checked="" type="checkbox"/> Division 25 Integrated Automation Instrumentation and Control items include all actuators, sensors (digital & analog), thermostats, control valves, controllers, transducers, wiring, programming, startup, etc. as required for proper operation unless stated otherwise. Refer to contract documents for specific control points and details.
<input checked="" type="checkbox"/> Equipment, terminal unit, and plumbing fixture demolition / removal costs exclude piping, ductwork, and electrical connections and should be added as separate items as required.
Division 26 – Electrical Division 27 – Communications Division 28 – Electronic Safety and Security
General
<input checked="" type="checkbox"/> Due to the transient and proprietary nature of Division 27 Communications equipment, it is the contractor's responsibility to select equipment from Simplebid that meets the intent of the construction document's specified equipment.
<input checked="" type="checkbox"/> All demolition/removal costs exclude any salvage value.
<input checked="" type="checkbox"/> Manufacturer and Model numbers are for reference/comparison purposes only and are not intended to specify specific items. Reference contract documents for specific selections and approved equals.
<input checked="" type="checkbox"/> Item descriptions may not include every size, range, or increment of sizes available for every item. It is the responsibility of the contractor to choose the most applicable item.
<input checked="" type="checkbox"/> Cutting and patching work required for the installation of electrical system or components shall be included under CSI MasterFormat® Divisions 02 through 14.
<input checked="" type="checkbox"/> Items are of commercial grade unless stated otherwise.
<input checked="" type="checkbox"/> Labor costs include accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, mechanical & electrical systems, etc. to be priced separately.
Conduit & Wire
<input checked="" type="checkbox"/> Conduit line items include couplings and supports unless stated otherwise.
<input checked="" type="checkbox"/> Conduit fittings reflect the average cost of all fitting types and should be quantified as such.
Equipment & Fixtures
<input checked="" type="checkbox"/> Equipment items include freight to jobsite, factory certified start-up services, owners' training, and manufacturer's standard warranty.
<input checked="" type="checkbox"/> Equipment items exclude ductwork, piping, wiring, cable, conductors, and conduit connections.
<input checked="" type="checkbox"/> Exclude housekeeping pads and dunnage.
<input checked="" type="checkbox"/> Equipment demolition / removal costs exclude wiring, cable, conductors, and conduit connections.
<input checked="" type="checkbox"/> Excludes Integrated Automation Instrumentation and Controls.

4. Site and Infrastructure (Horizontal Construction) Subgroup

Allowed
☑ Refer to CSI MasterFormat® Division 01 for the mobilization and demobilization of heavy construction equipment weighing over 1 ton.
☑ Refer to CSI MasterFormat® Division 01 for the hauling/trucking of Division 31 and 32 excavated, backfill, paving and removal items over 30 miles.
Disallowed
⊘ The use of any designated emergency construction equipment as applied to UPB line items.
Division 31 – Earthwork
Division 32 – Exterior Improvements
☑ Includes any required hauling/trucking (on or off site) for up to 30 miles for all excavated, backfill, paving, and removal items for up to 30 miles unless noted otherwise.
☑ Rock excavation items include pneumatic excavation equipment.
☑ All hauling items are per bank CY and account for swell.
☑ All bedding and backfill items include compaction.
Division 33 – Site Utilities
☑ Refer to CSI MasterFormat® Division 31 for excavation, backfill, and stone bedding items required for the installation or removal of Site Utility items.
☑ Refer to CSI MasterFormat® Division 32 for cutting and patching work required for the installation of Site Utility items.
☑ All piping items under Division 33 exclude hangers.
☑ Piping, Fittings, Valves, and Specialties include all required nuts, bolts, and gaskets.
☑ All piping items include couplings, identification tape, location wire, glue, lube, grout, mastic tape, plastic sleeves, structure penetration seals and pull ropes as required by contract documents.
☑ Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.
☑ All demolition/removal costs exclude any salvage value.
☑ Manufacturer and Model numbers are for reference/comparison purposes only and are not intended to specify specific items. Reference contract documents for specific selections and approved equals
☑ Item descriptions may not include every size, range, or increment of sizes available for every item. It is the responsibility of the contractor to choose the most applicable item.

C. Other Pricing Considerations

1. Manufacturers Standard Shapes and Colors: Included

Manufacturer's standard shapes and colors (Included)
☑ Manufacturer's standard shapes and colors are included
① Exception – Custom order shapes and colors.

2. Atypical Costs: **Omitted**

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Atypical Costs – Paid for by Contracting Agency	
The below items must be verified as omitted in the job order contract and not included with the responding bidder's Adjustment Factors.	
<input type="radio"/>	Architectural Fees
<input type="radio"/>	Interior Designer Fees
<input type="radio"/>	FF&E Consultant Fees
<input type="radio"/>	Management Fees
<input type="radio"/>	Engineering Fees
<input type="radio"/>	Civil Engineering Fees
<input type="radio"/>	Geotechnical Consulting Fees
<input type="radio"/>	Geotechnical Borings Costs
<input type="radio"/>	Hazardous Material Consultant Fees
<input type="radio"/>	Commissioning Agent Fees

3. General Calculations and Quantifications

Pricing Considerations: General Calculations and Quantifications	
<input checked="" type="checkbox"/>	All calculations are quantified based on the in-place dimensions
Allowed	
<input checked="" type="checkbox"/>	Replacement quantities as specified by the construction documents are to be added to the estimate as separate line items, excluding labor, and noted as such.
Disallowed	
<input type="radio"/>	Additional quantities for "swell" factors or waste - Line-item costs already include allowances for these factors.

4. Material Sourcing Requirements

Review job order contract general conditions, program procedures, and any other relevant documentation to understand requirements for materials sourcing.

V. New Item Additions

New Item Additions, if any, shall be separately identified and requested using the Simplebid New Item Request (NIR) form. The Unit Price for a New Item Addition shall be researched and generated by FOS of CannonDesign in the same manner as a Pre-Priced Task. New Item Additions will be subject to the appropriate Adjustment Factor as defined per Work Order. The Contracting Agency's determination as to whether an Item is a Pre-Priced Task or a New Item Addition shall be final and binding to the Contractor. Information submitted with a New Item Request shall include, but not be limited to, the following:

- Complete specifications and technical data, including task content, support drawings, task cost data, quality control and inspection requirements.
- Itemized labor, material, and equipment costs.
- Vendor and subcontractor quotes.

The Contractor shall not submit a quote or bid from any supplier or subcontractor that the Contractor is not prepared to use. The Agency may require additional quotes and bids if the suppliers or subcontractors are not acceptable or if the prices are not reasonable. The Contractor shall provide an installed unit price (or demolition price if appropriate) which shall include all costs required to accomplish the requested task.

At a minimum, Contractor shall provide the following documentation to the Agency when requested, in support of Contractor and Subcontractor cost proposals:

- Material quantities and type of products.
- Labor breakdown by trade classification, wage rates, and estimated hours.
- Equipment breakdown by trade classification, wage rates, and estimated hours.

Following approval by the Contracting Agency of a New Item Request, the unit price line-item will be added to the Unit Price Book as a New Item Addition. The total extended price for the New Item Addition will be determined by multiplying the unit price by the quantity required. The price offered in the Work Order Proposal will be determined by multiplying the total extended price by the appropriate Adjustment Factor. Following approval by the Contracting Agency, a New Item Addition may become a permanent Pre-Priced Task which will no longer require price justification. The Contracting Agency's determination as to whether an item is a Pre-Priced Task or a Detailed Scope of Work item requiring a New Item Addition shall be final and binding to the Contractor.

VI. Clerical Errors and Omissions

If you believe there is an error in the information included in the Simplebid UPB, please contact the appropriate Simplebid representative.

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CannonDesign is not responsible for any use or misuse of the Simplebid Platform, including the Simplebid Software and Simplebid UPB, for fluctuations in commodity and product prices, availability of commodities/products, for performance of the Work associated with this JOC program, for compliance with contractual agreements, for compliance with procurement, production and/or project specifications, or compliance of the work with applicable laws/codes.

End User License Agreement (EULA)

Simplebid® End User License Agreement

This End User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) ("You", "Your") and Facility Optimization Solutions, LLC ("FOS", "we," or "us"). Your use of, and access to, the Simplebid® job order contracting platform, including the Simplebid Unit Price Book ("UPB") and/or other related products (collectively, the "Platform"), and the features, functions, and services offered through the Platform (collectively, the "Services"), is subject to Your prior acceptance of this EULA, as may be amended from time to time by FOS.

Scope of License. Subject to the terms and conditions contained herein including, without limitation, the restrictions below, FOS grants You a limited, revocable, non-exclusive, non-transferable license to use the Platform. This License is also subject to such other restrictions as may be contained in the Privacy Policy:

- a. You will not permit any person other than Yourself and if you are a single entity, employees who have accepted this EULA ("Authorized Users") to access and use the Platform and/or Services;
- b. If you are an Authorized User of the entity/agency (the "User Agency") engaged by FOS to provide this Platform, You will not use the Platform or Services for any purposes other than the User Agency's internal business purposes in support of the User Agency's program;
- c. If You are a contractor or Authorized User of a contractor participating in a User Agency job order contracting program, You will not use the Platform or Services for any purposes other than Your internal business purposes to provide job order contract task order documents exclusively to the User Agency;
- d. You may not resell, sublicense, transfer, re-distribute, allow access to or otherwise provide or make available for any purpose any component of the Platform to any person, firm or entity except as expressly set forth herein;
- e. You may not alter, reverse engineer, disassemble, decompile, circumvent or disable any code, feature or security or technologic measure that effectively controls access to the Platform, or otherwise engage in any conduct designed or intended to interfere with the operation of the Platform, or permit or authorize any third party to do so.
- f. You shall not, and shall cause the Authorized Users not to, (i) use the Platform and/or Services to store or transmit computer viruses, worms, time bombs, Trojan horses and other harmful or malicious code, routines, files, scripts, agents or programs, (ii) use the Platform and/or Services to store or distribute any information, material or data that is harassing, threatening, infringing, libelous, unlawful, obscene, or which violates the privacy or intellectual property rights of any third party, (iii) access or use the Platform and/or Services for any benchmarking or competitive purposes, including, without limitation, for the purpose of designing and/or developing any competitive products or services, (iv) sell, resell, rent, lease, offer any time sharing arrangement, service bureau or any service based upon the Platform and/or Services, (v) interfere with or disrupt the integrity or performance of the Platform and/or Services or third-party data contained therein, (vi) attempt to gain unauthorized access to the Platform and/or Services or any associated systems or networks or (vii) modify, make derivative works of, disassemble, decompile or reverse engineer the Platform and/or Services or any component thereof.
- g. You are solely responsible for the use and security of Your and Your Authorized Users own computers, hardware, and services used to access the Platform and/or Services.

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a. As between You and FOS, You own all right, title, and interest in and to Your Data. Except as provided in this subparagraph, FOS obtains no rights under this EULA from you in or to the Your Data, including any related intellectual property rights. You grant FOS a license to display, perform, execute, distribute, and modify Your Data to enable You to operate the Platform and/or Services and provide any applicable support. Further, You consent to FOS's (i) use of anonymous or de-identified versions of Your Data for the purposes of marketing the Platform and/or Services for benchmarking purposes; (ii) use of technical data and related information, including information about your browser, to facilitate the provision of software updates, product support, and other services to you (if any) related to the Platform and/or Services, and (iii) disclosure of Your Data to comply with any request of a governmental or regulatory body (including subpoenas or court orders). You agree that these rights and licenses are royalty-free, worldwide and irrevocable (for so long as the Your Data is stored in the Platform) and include a right of FOS to make the Your Data available to, and transfer such rights to, others with whom FOS has contractual relationships related to the provision of the Platform, the Services and/or any support related to same.

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Version: 2024-08-16
August 16, 2024

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Amendments. Changes to this EULA may be made by FOS by publishing revised versions of this EULA to the URL www.simplebid.net. All revisions to this EULA shall be deemed effective and binding upon You and Your Authorized Users immediately upon being published to the foregoing URL without advance notice or consent of You or Your Authorized Users.

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33-05-09	Piping Specials for Utilities	1,014
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33-42-31	Stormwater Area Drains and Inlets	1,058
33-46-23	Modular Buried Stormwater Storage Units	1,061
33-44-00	Stormwater Utility Equipment	1,062
33-44-26	Stormwater Catch Basin Insert Filters	1,062
33-50-00	Hydrocarbon Utilities	1,062
33-52-00	Hydrocarbon Transmission and Distribution	1,062
33-52-16	Gas Hydrocarbon Piping	1,062
33-70-00	Electrical Utilities	1,063
33-71-00	Electrical Utility Transmission and Distribution	1,063
33-71-15	Electrical Overhead Utilities	1,063
33-71-19	Electrical Underground Utilities	1,063
33-71-26	Transmission and Distribution Equipment	1,069
33-79-00	Site Lighting	1,069
33-79-13	Site Improvement Grounding	1,069
33-79-23	Roadway and Traffic Lighting	1,072
34-00-00	Transportation	1,074
34-40-00	Transportation Signaling and Control Equipment	1,074
34-41-00	Roadway Signaling and Control Equipment	1,074
34-41-13	Traffic Signals	1,074
34-70-00	Transportation Construction and Equipment	1,074
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34-71-13	Vehicle Barriers	1,074
35-00-00	Waterway and Marine Construction	1,074
35-05-00	Common Work Results for Waterway and Marine Construction	1,074
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35-05-50	Common Work Results for Marine Construction	1,074
46-00-00	Water and Wastewater Equipment	1,074
46-20-00	Water and Wastewater Preliminary Treatment Equipment	1,074

46-23-00 Grit Removal and Handling Equipment
46-23-43 Inline Baffled Grit Removal Equipment

1,074
1,074

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		Units	Labor	Material	Equipment	Total
01-00-00 General Requirements						
01-20-00 Price and Payment Procedures						
01-21-00 Allowances						
01-21-43 Time Allowances						
100000	Carpenter Must be authorized by Agency and Account Manager prior to usage.	HR	\$68.30	\$0.00	\$0.00	\$68.30
100001	Electrician Must be authorized by Agency and Account Manager prior to usage.	HR	\$78.46	\$0.00	\$0.00	\$78.46
100002	Equipment Operator Must be authorized by Agency and Account Manager prior to usage.	HR	\$82.43	\$0.00	\$0.00	\$82.43
100003	Glazier (Glassman) Must be authorized by Agency and Account Manager prior to usage.	HR	\$68.75	\$0.00	\$0.00	\$68.75
100004	Insulator (or Asbestos Worker) Must be authorized by Agency and Account Manager prior to usage.	HR	\$67.68	\$0.00	\$0.00	\$67.68
100005	Iron Worker Must be authorized by Agency and Account Manager prior to usage.	HR	\$78.78	\$0.00	\$0.00	\$78.78
100006	Laborer Must be authorized by Agency and Account Manager prior to usage.	HR	\$58.88	\$0.00	\$0.00	\$58.88
100007	Mason (Bricklayer) Must be authorized by Agency and Account Manager prior to usage.	HR	\$70.29	\$0.00	\$0.00	\$70.29
100008	Painter Must be authorized by Agency and Account Manager prior to usage.	HR	\$68.75	\$0.00	\$0.00	\$68.75
100009	Pipefitter Must be authorized by Agency and Account Manager prior to usage.	HR	\$81.71	\$0.00	\$0.00	\$81.71
100010	Plumber Must be authorized by Agency and Account Manager prior to usage.	HR	\$81.71	\$0.00	\$0.00	\$81.71
100011	Roofer Must be authorized by Agency and Account Manager prior to usage.	HR	\$71.53	\$0.00	\$0.00	\$71.53
100012	Sheetmetal Worker Must be authorized by Agency and Account Manager prior to usage.	HR	\$82.78	\$0.00	\$0.00	\$82.78

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100013	Sprinkler Fitter Must be authorized by Agency and Account Manager prior to usage.	HR	\$93.48	\$0.00	\$0.00	\$93.48
100014	Tile Setter Must be authorized by Agency and Account Manager prior to usage.	HR	\$71.61	\$0.00	\$0.00	\$71.61
100015	Project Manager Must be authorized by Agency and Account Manager prior to usage.	HR	\$86.05	\$0.00	\$0.00	\$86.05
100016	Superintendent Must be authorized by Agency and Account Manager prior to usage.	HR	\$79.91	\$0.00	\$0.00	\$79.91
100017	Field Engineer Must be authorized by Agency and Account Manager prior to usage.	HR	\$71.71	\$0.00	\$0.00	\$71.71
100018	Foreman Must be authorized by Agency and Account Manager prior to usage.	HR	\$70.35	\$0.00	\$0.00	\$70.35
100019	Drafter Must be authorized by Agency and Account Manager prior to usage.	HR	\$49.85	\$0.00	\$0.00	\$49.85

01-40-00 Quality Requirements

01-41-00 Regulatory Requirements

01-41-23 Fees

100020	Fees – Reimbursable	EA	\$0.00	\$1.06	\$0.00	\$1.06
100021	Design Cost – Reimbursable	EA	\$0.00	\$1.06	\$0.00	\$1.06
100022	Conservator As A Non-Professional Service – Reimbursable	EA	\$0.00	\$1.06	\$0.00	\$1.06

01-41-26 Permit Requirements

100023	Plan Check / Permit – Reimbursable	EA	\$0.00	\$1.06	\$0.00	\$1.06
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01-45-00 Quality Control

01-45-00 Quality Control

100024	Roofing Material / Labor Warranty - Reimbursable Type of warranty and warranty period as determined by owner	EA	\$0.00	\$1.06	\$0.00	\$1.06
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01-45-23 Testing and Inspecting Services

100025	Testing and Inspections – Reimbursable	EA	\$0.00	\$1.06	\$0.00	\$1.06
100026	Window System Water Test	SF	\$0.54	\$0.55	\$0.25	\$1.34
100027	Window System Water Test - SF	SF	\$0.54	\$0.55	\$0.25	\$1.34

01-45-33 Code-Required Special Inspections and Procedures

100028	Agency Required Seismic Inspection – Per Building GSF	SF	\$0.17	\$0.21	\$0.00	\$0.38
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01-50-00 Temporary Facilities and Controls

01-52-00 Construction Facilities

01-52-13 Field Offices and Sheds

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100029	Office Trailer - Up To 40' x 10' For owners use only; Does not include service connections	MO	\$0.00	\$0.00	\$400.00	\$400.00
100030	Office Trailer - Delivery and Set Up	EA	\$0.00	\$0.00	\$907.99	\$907.99
100031	Office Trailer - Pick Up	EA	\$0.00	\$0.00	\$907.99	\$907.99
01-52-19 Sanitary Facilities						
100032	Handwashing Station with Soap and Paper Towel Dispenser w/ Maintenance Cleaning Once a Week, Includes Delivery and Pickup For owners use only	MO	\$0.00	\$210.94	\$0.00	\$210.94
100033	Standard Portable Toilet w/ Maintenance Cleaning Once a Week, Includes Delivery and Pickup For owners use only	MO	\$0.00	\$210.94	\$0.00	\$210.94
100034	ADA Portable Toilet w/ Maintenance Cleaning Once a Week, Includes Delivery and Pickup For owners use only	MO	\$0.00	\$316.94	\$0.00	\$316.94
100035	Rental of Temporary Toilet Room Trailer with (1) ADA Compliant Toilet Compartment with Sink & Accessible Ramp For owners use only. Includes weekly water tank service & weekly janitorial service as required	WK	\$0.00	\$0.00	\$4,351.00	\$4,351.00
100036	Delivery, Setup and Pickup of Temporary Toilet Room Trailer During Normal Working Hours For owners use only	EA	\$0.00	\$0.00	\$700.00	\$700.00
01-53-00 Temporary Construction						
01-53-00 Temporary Construction						
100037	Temp Gravel Staging and Parking – Up To 6" Thick Includes filter fabric and removal	SF	\$2.39	\$0.22	\$1.47	\$4.08
100038	Temp Gravel Staging and Parking – Up To 8" Thick Includes filter fabric and removal	SF	\$3.14	\$0.29	\$1.92	\$5.35
100039	Temp Gravel Staging and Parking – Up To 12" Thick Includes filter fabric and removal	SF	\$4.11	\$0.38	\$2.52	\$7.01
100040	Temp Gravel Roads – Up To 6" Thick Includes filter fabric and removal	SF	\$2.39	\$0.22	\$1.47	\$4.08
100041	Temp Gravel Roads – Up To 8" Thick Includes filter fabric and removal	SF	\$3.14	\$0.29	\$1.92	\$5.35
100042	Temp Gravel Roads – Up To 12" Thick Includes filter fabric and removal	SF	\$4.11	\$0.38	\$2.52	\$7.01

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100043	Temp Truck Scale - 70' L x 11' W Includes set up/breakdown, calibration, freight to and from site, crane to unload/load. Ramps are to be field constructed, electrical connections are not included	MO	\$1,597.43	\$0.00	\$15,484.00	\$17,081.43
100044	Temp Concrete Barrier – Up To 32" Tall – Includes Removal Includes traffic ends	LF	\$66.58	\$31.80	\$0.00	\$98.38
100045	Traffic Control – 2 Man Crew	DY	\$819.00	\$0.00	\$0.00	\$819.00
100046	Traffic Control Cones w/Reflective Tape , 1 To 50 Cones (DY), Set and Remove by Hand Daily	EA	\$8.15	\$0.72	\$0.00	\$8.87
100047	Traffic Control Cones w/Reflective Tape , 1 to 50 Cones (WK), Set and Remove by Hand Daily	EA	\$8.15	\$0.67	\$0.00	\$8.82
100048	Traffic Control Cones w/Reflective Tape , 1 to 50 Cones (MO), Set and Remove by Hand Daily	EA	\$8.15	\$0.62	\$0.00	\$8.77
100049	Traffic Control Cones w/Reflective Tape , Over 50 Cones (EA), Set and Removed by Truck Daily, Includes Operator	EA	\$2.56	\$2.15	\$0.00	\$4.71
100050	Traffic Control Vertical Panel Channelizers, 1 To 50 Panels (DY), Set and Remove by Hand Daily	EA	\$8.15	\$1.44	\$0.00	\$9.59
100051	Traffic Control Vertical Panel Channelizers, 1 To 50 Panels (WK), Set and Remove by Hand Daily	EA	\$8.15	\$1.40	\$0.00	\$9.55
100052	Traffic Control Vertical Panel Channelizers, 1 To 50 Panels (MO), Set and Remove by Hand Daily	EA	\$8.15	\$1.38	\$0.00	\$9.53
100053	Traffic Control Vertical Panel Channelizers, Over 50 Panels (EA), Set and Remove by Truck Daily, Includes Operator	EA	\$2.56	\$2.89	\$0.00	\$5.45
100054	Traffic Control Barrels, Plastic (EA), Single Barrel, Set and Remove by Hand Daily	EA	\$12.24	\$6.78	\$0.00	\$19.02
100055	Traffic Control Barrels, Plastic (WK), Single Barrel, Set and Remove by Hand Daily	EA	\$12.24	\$6.68	\$0.00	\$18.92
100056	Traffic Control Barrels, Plastic (MO), Single Barrel, Set and Remove by Hand Daily	EA	\$12.24	\$6.62	\$0.00	\$18.86
100057	Traffic Control - Set and Remove Traffic Barrels, Over 50 Barrels (EA),Set and Remove by Truck Daily, Includes Operator	EA	\$3.84	\$6.11	\$0.00	\$9.95
100058	Traffic Control Type 1 Barricade (DY), Set and Remove by Hand Daily	EA	\$12.24	\$4.23	\$0.00	\$16.47

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100059	Traffic Control Type 1 Barricade (WK), Set and Remove by Hand Daily	EA	\$12.24	\$4.28	\$0.00	\$16.52
100060	Traffic Control Type 1 Barricade (MO), Set and Remove by Hand Daily	EA	\$12.24	\$4.05	\$0.00	\$16.29
100061	Traffic Control Type 2 Barricade (DY), Set and Remove by Hand Daily	EA	\$12.24	\$6.19	\$0.00	\$18.43
100062	Traffic Control Type 2 Barricade (WK), Set and Remove by Hand Daily	EA	\$12.24	\$6.19	\$0.00	\$18.43
100063	Traffic Control Type 2 Barricade (MO), Set and Remove by Hand Daily	EA	\$12.24	\$5.77	\$0.00	\$18.01
100064	Traffic Control Type 3 Barricade (DY), Set and Remove by Hand Daily	EA	\$12.24	\$6.72	\$0.00	\$18.96
100065	Traffic Control Type 3 Barricade (WK), Set and Remove by Hand Daily	EA	\$12.24	\$6.72	\$0.00	\$18.96
100066	Traffic Control Type 3 Barricade (MO), Set and Remove by Hand Daily	EA	\$12.24	\$5.74	\$0.00	\$17.98
100067	Traffic Control LED Barricade Light (Flasher), Battery Operated With Photocell (Types A, B and C)	EA	\$8.15	\$0.74	\$0.00	\$8.89
100068	Traffic Control Trailer Mounted Flashing Arrow Board (DY), Solar Powered, Set Up and Removal 1 Time Includes 1 hour per day for maintenance	DY	\$48.92	\$151.05	\$0.00	\$199.97
100069	Traffic Control Trailer Mounted Flashing Arrow Board (WK), Solar Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	WK	\$122.31	\$437.26	\$0.00	\$559.57
100070	Traffic Control Trailer Mounted Flashing Arrow Board (MO), Solar Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	MO	\$530.10	\$829.44	\$0.00	\$1,359.54
100071	Traffic Control Trailer Mounted Variable Message Board, 3 Lines (DY), Solar Powered, Set Up and Removal 1 Time Includes 1 hour per day for maintenance	DY	\$48.92	\$291.50	\$0.00	\$340.42
100072	Traffic Control Trailer Mounted Variable Message Board, 3 Lines (WK), Solar Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	WK	\$122.31	\$742.01	\$0.00	\$864.32

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100073	Traffic Control Trailer Mounted Variable Message Board, 3 Lines (MO), Solar Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	MO	\$530.10	\$1,722.50	\$0.00	\$2,252.60
100074	Traffic Control - Portable Traffic Signal, Trailer Mounted (DY), Solar Powered, Set Up and Removal 1 Time Includes 1 hour per day for maintenance	DY	\$48.92	\$530.00	\$0.00	\$578.92
100075	Traffic Control - Portable Traffic Signal, Trailer Mounted (WK), Solar Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	WK	\$122.31	\$1,457.50	\$0.00	\$1,579.81
100076	Traffic Control - Portable Traffic Signal, Trailer Mounted (MO), Solar Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	MO	\$530.10	\$5,203.55	\$0.00	\$5,733.65
100077	Traffic Control - Light Tower, Trailer Mounted (DY), Diesel Powered, Set Up and Removal 1 Time Includes 1 hour per day for maintenance	DY	\$48.92	\$180.20	\$0.00	\$229.12
100078	Traffic Control - Light Tower, Trailer Mounted (WK), Diesel Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	WK	\$122.31	\$450.49	\$0.00	\$572.80
100079	Traffic Control - Light Tower, Trailer Mounted (MO), Diesel Powered, Set Up and Removal 1 Time Includes 1/2 hour per day for maintenance	MO	\$530.10	\$1,298.50	\$0.00	\$1,828.60
100080	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (DY) - Excludes Operator	DY	\$0.00	\$583.00	\$0.00	\$583.00
100081	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (WK) - Excludes Operator	WK	\$0.00	\$1,590.00	\$0.00	\$1,590.00
100082	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (MO) - Excludes Operator	MO	\$0.00	\$3,763.00	\$0.00	\$3,763.00
100083	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (DY) - 1/4 Time Operator	DY	\$113.59	\$583.00	\$0.00	\$696.59

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100084	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (WK) - 1/4 Time Operator	WK	\$567.93	\$1,590.00	\$0.00	\$2,157.93
100085	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (MO) - 1/4 Time Operator	MO	\$2,461.26	\$3,763.00	\$0.00	\$6,224.26
100086	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (DY) - Full Time Operator	DY	\$454.34	\$583.00	\$0.00	\$1,037.34
100087	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (WK) - Full Time Operator	WK	\$2,271.72	\$1,590.00	\$0.00	\$3,861.72
100088	Traffic Control Truck w/Mounted Impact Attenuators/Crash Cushions and Arrow Board (MO) - Full Time Operator	MO	\$9,845.08	\$3,763.00	\$0.00	\$13,608.08
100089	Traffic Control Mesh/Vinyl Roll Up Construction Signs (DY), Set and Remove by Hand Daily	EA	\$12.24	\$2.91	\$0.00	\$15.15
100090	Traffic Control Mesh/Vinyl Roll Up Construction Signs (WK), Set and Remove by Hand Daily	EA	\$12.24	\$2.65	\$0.00	\$14.89
100091	Traffic Control Mesh/Vinyl Roll Up Construction Signs (MO), Set and Remove by Hand Daily	EA	\$12.24	\$2.01	\$0.00	\$14.25
100092	Traffic Control Portable Sign Stand (DY), Set and Remove by Hand Daily	EA	\$12.24	\$2.39	\$0.00	\$14.63
100093	Traffic Control Portable Sign Stand (WK), Set and Remove by Hand Daily	EA	\$12.24	\$2.28	\$0.00	\$14.52
100094	Traffic Control Portable Sign Stand (MO), Set and Remove by Hand Daily	EA	\$12.24	\$1.66	\$0.00	\$13.90
100095	Traffic Control Road Work Construction Sign, 36", Aluminum (DY), Set and Remove 1 Time	EA	\$48.92	\$1.58	\$0.00	\$50.50
100096	Traffic Control Road Work Construction Sign, 36", Aluminum (WK), Set and Remove 1 Time	EA	\$48.92	\$1.33	\$0.00	\$50.25
100097	Traffic Control Road Work Construction Sign, 36", Aluminum (MO), Set and Remove 1 Time	EA	\$48.92	\$1.10	\$0.00	\$50.02
100098	Temporary Traffic Stripe - Tape	LF	\$1.89	\$1.00	\$0.00	\$2.89
100099	Temporary Traffic Stripe - Paint	LF	\$1.44	\$0.77	\$0.00	\$2.21
100100	Temporary Overlay Marker (TOM) Unit price includes setting and removing temporary pavement markers	EA	\$0.58	\$1.68	\$0.45	\$2.71

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		Units	Labor	Material	Equipment	Total
100101	Temporary Protection - Tank Shroud (On Grade or Elevated Water Tower) Includes fabric, cables, winches, stations, and all required material/equipment to completely seal the tank	SF	\$6.83	\$2.13	\$3.35	\$12.31
100102	Temp Plastic Poly Sheeting – Includes Removal	SF	\$0.26	\$0.16	\$0.00	\$0.42
100103	Temp Dust Partitions, Zip Wall - Includes Removal Suitable in positive and negative pressure applications	SF	\$0.69	\$1.44	\$0.00	\$2.13
100104	Temp Sealed Partition – Includes Removal Refer to partition type L3 for details	SF	\$2.86	\$1.94	\$0.00	\$4.80
100105	Temp Partition, Starc LiteBarrier – Includes Removal	SF	\$3.67	\$1.52	\$0.00	\$5.19
100106	Temporary Pedestrian Control / Protection Walkway – Includes Removal Enclosed on two sides with 2x4 framing and plywood. Roof constructed of 2x6 framing and plywood or equal	SF	\$7.73	\$6.36	\$0.00	\$14.09
100107	Temp Construction Fence – Up To 6' Tall – Includes Removal Rental rate is LF per month	LF	\$3.35	\$9.64	\$0.00	\$12.99
100108	Temp Construction Fence – Up To 6' Tall With Vinyl Slats – Includes Removal Rental rate is LF per month	LF	\$3.35	\$11.76	\$0.00	\$15.11
100109	Temp Construction Fence – Up To 8' Tall – Includes Removal Rental rate is LF per month	LF	\$4.63	\$13.36	\$0.00	\$17.99
100110	Temp Construction Fence – Up To 8' Tall With Vinyl Slats – Includes Removal Rental rate is LF per month	LF	\$4.63	\$15.48	\$0.00	\$20.11
100111	Relocate Temporary Construction Fencing On-Site	LF	\$2.42	\$0.52	\$0.00	\$2.94
100112	Temp Fence Single Gate – Up To 6' Wide – Includes Removal	EA	\$42.96	\$212.00	\$0.00	\$254.96
100113	Temp Fence Double Gate – Up To 12' Wide – Includes Removal	EA	\$85.93	\$397.50	\$0.00	\$483.43
100114	Temp Fence Sliding Gate – Up To 12' Wide – Includes Removal	EA	\$85.93	\$476.99	\$0.00	\$562.92
100115	Temporary Fence Ballast - Prefabricated Low profile ballast for temporary fence panel stands, Bigfoot Ballast Weight or equal, includes removal	MO	\$0.71	\$5.83	\$0.00	\$6.54
100116	Temporary Fence Ballast - Sand / Gravel Bag 50 LB bags, includes removal	MO	\$0.71	\$3.18	\$0.00	\$3.89

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100117	Temp Wood Framed Stairs – LF of Tread – Includes Removal Includes, stringers, treads, riser, fasteners, blocking, hangers	LF	\$1.86	\$5.83	\$0.00	\$7.69
100118	Temp Wood Framed Stair Landing – Includes Removal Includes, framing, sheathing, posts, fasteners, blocking, hangers	SF	\$23.16	\$32.86	\$0.00	\$56.02
100119	Temp Ladder – Includes Removal	LF	\$4.73	\$5.83	\$0.00	\$10.56
100120	Temp Construction – Perimeter Cable Rails – Includes Removal	LF	\$4.38	\$3.02	\$0.00	\$7.40
100121	Temp Construction – Perimeter Wood Rails – Includes Removal	LF	\$3.61	\$1.58	\$0.00	\$5.19
100122	[Modifier] Add Reinforced Poly for Dust Partitions	SF	\$0.00	\$0.16	\$0.00	\$0.16

01-54-00 Construction Aids

Cost include fuel and operator unless noted otherwise. In an instance where the operator is excluded, the books individual line item pricing will cover the cost of operating that piece of equipment.

01-54-00 Construction Aids

Cost include fuel and operator unless noted otherwise. In an instance where the operator is excluded, the books individual line item pricing will cover the cost of operating that piece of equipment.

100123	Fuel Reimbusement For Temporary Equipment – Reimbursable	EA	\$0.00	\$1.06	\$0.00	\$1.06
100124	Rubbish Chute Per Floor Includes set up and removal	FL	\$112.78	\$318.00	\$0.00	\$430.78
100125	Dumpsters 6 CY Includes deliver, pick-up and dump fees	EA	\$0.00	\$693.61	\$0.00	\$693.61
100126	Dumpsters 10 CY Includes deliver, pick-up and dump fees	EA	\$0.00	\$780.16	\$0.00	\$780.16
100127	Dumpsters 20 CY Includes deliver, pick-up and dump fees	EA	\$0.00	\$858.18	\$0.00	\$858.18
100128	Dumpsters 30 CY Includes deliver, pick-up and dump fees	EA	\$0.00	\$948.38	\$0.00	\$948.38
100129	Dumpsters 40 CY Includes deliver, pick-up and dump fees	EA	\$0.00	\$1,030.06	\$0.00	\$1,030.06
100130	Frac Tank – 21,000 Gallon – Uncoated Includes delivery and pickup	MO	\$0.00	\$1,802.00	\$0.00	\$1,802.00
100131	Frac Tank – 21,000 Gallon – Coated For chemical storage. Includes delivery and pickup	MO	\$0.00	\$2,226.00	\$0.00	\$2,226.00
100132	Recycling Requirements and Containers Can be used where special recycling requirements are called out in the project documents	MO	\$1,460.05	\$476.99	\$0.00	\$1,937.04
100133	Personnel Hoist – Up To 6,000 LB Capacity Includes Removal	MO	\$5,073.03	\$1,413.33	\$20,000.00	\$26,486.36
100134	Material Hoist – Up To 2,000 LB – Includes Removal	MO	\$3,804.78	\$1,060.01	\$15,000.00	\$19,864.79

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		Units	Labor	Material	Equipment	Total
100135	Scissor Lift - 20' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$246.00	\$246.00
100136	Scissor Lift - 20' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$505.00	\$505.00
100137	Scissor Lift - 20' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$1,000.99	\$1,000.99
100138	Scissor Lift - 30' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$249.00	\$249.00
100139	Scissor Lift - 30' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$570.00	\$570.00
100140	Scissor Lift - 30' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$1,285.00	\$1,285.00
100141	Scissor Lift - 40' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$311.25	\$311.25
100142	Scissor Lift - 40' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$712.51	\$712.51
100143	Scissor Lift - 40' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$1,606.25	\$1,606.25
100144	Rough Terrain Scissor Lift - 30' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$249.00	\$249.00
100145	Rough Terrain Scissor Lift - 30' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$754.00	\$754.00
100146	Rough Terrain Scissor Lift - 30' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$1,503.00	\$1,503.00
100147	Rough Terrain Scissor Lift - 40' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$416.00	\$416.00
100148	Rough Terrain Scissor Lift - 40' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$839.99	\$839.99
100149	Rough Terrain Scissor Lift - 40' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$1,632.00	\$1,632.00

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		Units	Labor	Material	Equipment	Total
100150	Telescopic Boom Lift – 30' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$435.00	\$435.00
100151	Telescopic Boom Lift – 30' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,094.00	\$1,094.00
100152	Telescopic Boom Lift – 30' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,342.00	\$2,342.00
100153	Telescopic Boom Lift – 40' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$594.00	\$594.00
100154	Telescopic Boom Lift – 40' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,341.00	\$1,341.00
100155	Telescopic Boom Lift – 40' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,783.00	\$2,783.00
100156	Telescopic Boom Lift – 50' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$608.00	\$608.00
100157	Telescopic Boom Lift – 50' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,435.00	\$1,435.00
100158	Telescopic Boom Lift – 50' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,863.01	\$2,863.01
100159	Telescopic Boom Lift – 60' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$769.00	\$769.00
100160	Telescopic Boom Lift – 60' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,632.00	\$1,632.00
100161	Telescopic Boom Lift – 60' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$3,249.00	\$3,249.00
100162	Telescopic Boom Lift – 80' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$1,235.00	\$1,235.00
100163	Telescopic Boom Lift – 80' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$2,633.99	\$2,633.99
100164	Telescopic Boom Lift – 80' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$4,553.00	\$4,553.00

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		Units	Labor	Material	Equipment	Total
100165	Telescopic Boom Lift – 120' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$1,414.01	\$1,414.01
100166	Telescopic Boom Lift – 120' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$3,130.00	\$3,130.00
100167	Telescopic Boom Lift – 120' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$8,935.01	\$8,935.01
100168	Articulating Boom Lift – 30' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$496.00	\$496.00
100169	Articulating Boom Lift – 30' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,141.00	\$1,141.00
100170	Articulating Boom Lift – 30' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,453.00	\$2,453.00
100171	Articulating Boom Lift – 40' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$595.21	\$595.21
100172	Articulating Boom Lift – 40' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,369.20	\$1,369.20
100173	Articulating Boom Lift – 40' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,943.60	\$2,943.60
100174	Articulating Boom Lift – 60' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$677.00	\$677.00
100175	Articulating Boom Lift – 60' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,437.01	\$1,437.01
100176	Articulating Boom Lift – 60' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$3,334.00	\$3,334.00
100177	Articulating Boom Lift – 80' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$1,023.01	\$1,023.01
100178	Articulating Boom Lift – 80' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$2,286.00	\$2,286.00
100179	Articulating Boom Lift – 80' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$5,071.01	\$5,071.01

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		Units	Labor	Material	Equipment	Total
100180	Articulating Boom Lift – 125' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$1,611.00	\$1,611.00
100181	Articulating Boom Lift – 125' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$3,638.00	\$3,638.00
100182	Articulating Boom Lift – 125' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$8,766.00	\$8,766.00
100183	Articulating Boom Lift – 135' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$2,072.00	\$2,072.00
100184	Articulating Boom Lift – 135' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$4,823.00	\$4,823.00
100185	Articulating Boom Lift – 135' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$12,169.00	\$12,169.00
100186	Atrium Manlift - 30' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$600.00	\$600.00
100187	Atrium Manlift - 30' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,400.00	\$1,400.00
100188	Atrium Manlift - 30' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,988.00	\$2,988.00
100189	Atrium Manlift - 60' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$1,585.00	\$1,585.00
100190	Atrium Manlift - 60' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$3,710.00	\$3,710.00
100191	Atrium Manlift - 60' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$7,897.00	\$7,897.00
100192	Atrium Manlift - 80' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$2,515.00	\$2,515.00
100193	Atrium Manlift - 80' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$7,272.00	\$7,272.00
100194	Atrium Manlift - 80' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$16,755.01	\$16,755.01

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		Units	Labor	Material	Equipment	Total
100195	Atrium Manlift - 100' (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$2,895.70	\$2,895.70
100196	Atrium Manlift - 100' (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$8,362.80	\$8,362.80
100197	Atrium Manlift - 100' (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$17,731.00	\$17,731.00
100198	Telehandler Variable Reach Up To 20' and 5,000 LB (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$599.00	\$599.00
100199	Telehandler Variable Reach Up To 20' and 5,000 LB (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,386.00	\$1,386.00
100200	Telehandler Variable Reach Up To 20' and 5,000 LB (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$2,894.00	\$2,894.00
100201	Telehandler Variable Reach Up To 40' and 7,000 LB (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$671.00	\$671.00
100202	Telehandler Variable Reach Up To 40' and 7,000 LB (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$1,573.00	\$1,573.00
100203	Telehandler Variable Reach Up To 40' and 7,000 LB (MO) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$3,429.00	\$3,429.00
100204	Telehandler Variable Reach Up To 50' and 10,000 LB (DY) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	DY	\$0.00	\$0.00	\$881.00	\$881.00
100205	Telehandler Variable Reach Up To 50' and 10,000 LB (WK) – Excludes Operator Includes environmental fees. Can be used where heights are > 15'	WK	\$0.00	\$0.00	\$2,353.00	\$2,353.00
100206	Telehandler Variable Reach Up To 50' and 10,000 LB (MO) – Excludes Operator Includes mobilization, demobilization and environmental fees. Can be used where heights are > 15'	MO	\$0.00	\$0.00	\$5,006.00	\$5,006.00

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100207	Site Dust Control Water Truck (DY) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$631.59	\$39.01	\$309.35	\$979.95
100208	Site Dust Control Water Truck (WK) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$3,033.49	\$195.04	\$928.05	\$4,156.58
100209	Site Dust Control Water Truck (MO) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$12,631.83	\$844.77	\$2,784.15	\$16,260.75
100210	Site Dust Control Water Truck (DY) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$473.70	\$29.26	\$309.35	\$812.31
100211	Site Dust Control Water Truck (WK) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$2,275.13	\$146.28	\$928.05	\$3,349.46
100212	Site Dust Control Water Truck (MO) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$9,473.88	\$633.88	\$2,784.15	\$12,891.91
100213	Site Dust Control Water Truck (DY) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$315.80	\$19.50	\$309.35	\$644.65
100214	Site Dust Control Water Truck (WK) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$1,516.75	\$97.52	\$928.05	\$2,542.32
100215	Site Dust Control Water Truck (MO) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$6,315.92	\$422.99	\$2,784.15	\$9,523.06
100216	Site Dust Control Water Truck (DY) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$157.90	\$9.75	\$309.35	\$477.00
100217	Site Dust Control Water Truck (WK) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$758.38	\$48.76	\$928.05	\$1,735.19
100218	Site Dust Control Water Truck (MO) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$3,157.96	\$210.89	\$2,784.15	\$6,153.00
100219	Water Truck (DY) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$631.59	\$48.76	\$319.70	\$1,000.05
100220	Water Truck (WK) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$3,033.49	\$243.80	\$959.10	\$4,236.39
100221	Water Truck (MO) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$12,631.83	\$1,055.65	\$2,877.30	\$16,564.78

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100222	Water Truck (DY) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$473.70	\$36.57	\$319.70	\$829.97
100223	Water Truck (WK) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$2,275.13	\$182.85	\$959.10	\$3,417.08
100224	Water Truck (MO) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$9,473.88	\$792.35	\$2,877.30	\$13,143.53
100225	Water Truck (DY) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$315.80	\$24.38	\$319.70	\$659.88
100226	Water Truck (WK) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$1,516.75	\$121.90	\$959.10	\$2,597.75
100227	Water Truck (MO) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$6,315.92	\$527.83	\$2,877.30	\$9,721.05
100228	Water Truck (DY) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$157.90	\$12.19	\$319.70	\$489.79
100229	Water Truck (WK) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$758.38	\$60.95	\$959.10	\$1,778.43
100230	Water Truck (MO) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$3,157.96	\$264.52	\$2,877.30	\$6,299.78
100231	Bucket Truck Up To 50' (DY) – Full Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$631.59	\$48.76	\$495.78	\$1,176.13
100232	Bucket Truck Up To 50' (WK) – Full Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$3,033.49	\$243.80	\$1,487.33	\$4,764.62
100233	Bucket Truck Up To 50' (MO) – Full Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$12,631.83	\$1,055.65	\$4,462.00	\$18,149.48
100234	Bucket Truck Up To 50' (DY) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$473.70	\$36.57	\$495.78	\$1,006.05
100235	Bucket Truck Up To 50' (WK) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$2,275.13	\$182.85	\$1,487.33	\$3,945.31
100236	Bucket Truck Up To 50' (MO) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$9,473.88	\$792.35	\$4,462.00	\$14,728.23

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100237	Bucket Truck Up To 50' (DY) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$315.80	\$24.38	\$495.78	\$835.96
100238	Bucket Truck Up To 50' (WK) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$1,516.75	\$121.90	\$1,487.33	\$3,125.98
100239	Bucket Truck Up To 50' (MO) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$6,315.92	\$527.83	\$4,462.00	\$11,305.75
100240	Bucket Truck Up To 50' (DY) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$157.90	\$12.19	\$495.78	\$665.87
100241	Bucket Truck Up To 50' (WK) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$758.38	\$60.95	\$1,487.33	\$2,306.66
100242	Bucket Truck Up To 50' (MO) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$3,157.96	\$264.52	\$4,462.00	\$7,884.48
100243	Street Sweeper (DY) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$627.30	\$48.76	\$287.73	\$963.79
100244	Street Sweeper (WK) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$3,013.71	\$243.80	\$959.10	\$4,216.61
100245	Street Sweeper (MO) – Full Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$12,547.80	\$1,055.65	\$2,877.30	\$16,480.75
100246	Street Sweeper (DY) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$470.86	\$36.57	\$319.70	\$827.13
100247	Street Sweeper (WK) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$2,260.29	\$182.85	\$959.10	\$3,402.24
100248	Street Sweeper (MO) – 3/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$9,410.44	\$792.35	\$2,877.30	\$13,080.09
100249	Street Sweeper (DY) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$314.06	\$24.38	\$319.70	\$658.14
100250	Street Sweeper (WK) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$1,506.86	\$121.90	\$959.10	\$2,587.86
100251	Street Sweeper (MO) – 1/2 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$6,273.89	\$527.83	\$2,877.30	\$9,679.02

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		Units	Labor	Material	Equipment	Total
100252	Street Sweeper (DY) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	DY	\$156.62	\$12.19	\$319.70	\$488.51
100253	Street Sweeper (WK) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	WK	\$753.43	\$60.95	\$959.10	\$1,773.48
100254	Street Sweeper (MO) – 1/4 Time Operator Includes fuel, water, operator, mobilization and demobilization	MO	\$3,136.53	\$264.52	\$2,877.30	\$6,278.35
01-54-19 Temporary Cranes						
<i>To be used for hoisting and rigging of rooftop mechanical equipment</i>						
100255	25 Ton and Lower Crane (DY) – Full Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$659.46	\$175.54	\$1,263.63	\$2,098.63
100256	25 Ton and Lower Crane (WK) – Full Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$3,297.28	\$880.12	\$3,790.27	\$7,967.67
100257	25 Ton and Lower Crane (MO) – Full Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$14,285.46	\$3,815.47	\$11,372.64	\$29,473.57
100258	25 Ton and Lower Crane (DY) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$494.59	\$131.65	\$1,263.63	\$1,889.87
100259	25 Ton and Lower Crane (WK) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$2,472.96	\$660.70	\$3,790.27	\$6,923.93
100260	25 Ton and Lower Crane (MO) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$10,714.10	\$2,862.21	\$11,372.64	\$24,948.95
100261	25 Ton and Lower Crane (DY) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$329.73	\$87.77	\$1,263.63	\$1,681.13
100262	25 Ton and Lower Crane (WK) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$1,648.64	\$440.06	\$3,790.27	\$5,878.97
100263	25 Ton and Lower Crane (MO) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$7,142.73	\$1,907.74	\$11,372.64	\$20,423.11
100264	25 Ton and Lower Crane (DY) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$164.86	\$43.88	\$1,263.63	\$1,472.37
100265	25 Ton and Lower Crane (WK) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$824.32	\$220.64	\$3,790.27	\$4,835.23

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		Units	Labor	Material	Equipment	Total
100266	25 Ton and Lower Crane (MO) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$3,571.37	\$954.48	\$11,372.64	\$15,898.49
100267	45 Ton Crane (DY) – Full Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$659.46	\$175.54	\$1,944.04	\$2,779.04
100268	45 Ton Crane (WK) – Full Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$3,297.28	\$880.12	\$5,831.19	\$10,008.59
100269	45 Ton Crane (MO) – Full Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$14,285.46	\$3,815.47	\$17,496.36	\$35,597.29
100270	45 Ton Crane (DY) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$494.59	\$131.65	\$1,944.04	\$2,570.28
100271	45 Ton Crane (WK) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$2,472.96	\$660.70	\$5,831.19	\$8,964.85
100272	45 Ton Crane (MO) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$10,714.10	\$2,862.21	\$17,496.36	\$31,072.67
100273	45 Ton Crane (DY) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$329.73	\$87.77	\$1,944.04	\$2,361.54
100274	45 Ton Crane (WK) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$1,648.64	\$440.06	\$5,831.19	\$7,919.89
100275	45 Ton Crane (MO) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$7,142.73	\$1,907.74	\$17,496.36	\$26,546.83
100276	45 Ton Crane (DY) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$164.86	\$43.88	\$1,944.04	\$2,152.78
100277	45 Ton Crane (WK) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$824.32	\$220.64	\$5,831.19	\$6,876.15
100278	45 Ton Crane (MO) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$3,571.37	\$954.48	\$17,496.36	\$22,022.21
100279	55 Ton Crane (DY) – Full Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$659.46	\$175.54	\$2,235.65	\$3,070.65
100280	55 Ton Crane (WK) – Full Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$3,297.28	\$880.12	\$6,705.87	\$10,883.27

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		Units	Labor	Material	Equipment	Total
100281	55 Ton Crane (MO) – Full Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$14,285.46	\$3,815.47	\$20,120.83	\$38,221.76
100282	55 Ton Crane (DY) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$494.59	\$131.65	\$2,235.65	\$2,861.89
100283	55 Ton Crane (WK) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$2,472.96	\$660.70	\$6,705.87	\$9,839.53
100284	55 Ton Crane (MO) – 3/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$10,714.10	\$2,862.21	\$20,120.83	\$33,697.14
100285	55 Ton Crane (DY) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$329.73	\$87.77	\$2,235.65	\$2,653.15
100286	55 Ton Crane (WK) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$1,648.64	\$440.06	\$6,705.87	\$8,794.57
100287	55 Ton Crane (MO) – 1/2 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$7,142.73	\$1,907.74	\$20,120.83	\$29,171.30
100288	55 Ton Crane (DY) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	DY	\$164.86	\$43.88	\$2,235.65	\$2,444.39
100289	55 Ton Crane (WK) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	WK	\$824.32	\$220.64	\$6,705.87	\$7,750.83
100290	55 Ton Crane (MO) – 1/4 Time Operator Includes fuel, operator, mobilization and demobilization	MO	\$3,571.37	\$954.48	\$20,120.83	\$24,646.68
100291	Rigging Labor required for rigging to set equipment in place. Includes, but not limited to shackles, master links and slings	DY	\$471.04	\$0.00	\$0.00	\$471.04
01-54-20 Special Use Heavy Equipment						
<i>To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only</i>						
100292	Crane service for 100 Ton Hydraulic Crane Includes travel to/from site, set-up/breakdown, and swing time on four separate occasions. The each item is for a single day	EA	\$0.00	\$0.00	\$33,851.40	\$33,851.40
100293	130 Ton Hydraulic Crane Includes crane rental and operator for 8 hours; Liebherr LTM 1130-5.1, 197' main boom	DY	\$498.70	\$0.00	\$3,320.00	\$3,818.70

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100294	200 Ton Hydraulic Crane Includes crane rental and operator for 8 hours; Liebherr LTM 1200-5.1, 236' main boom	DY	\$498.70	\$0.00	\$4,120.00	\$4,618.70
100295	400 Ton Hydraulic Crane Includes crane rental and operator for 8 hours; Tadano 7.450-1, 262' main boom	DY	\$498.70	\$0.00	\$4,920.00	\$5,418.70
100296	70 - 79 HP Crawler Dozer (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$430.00	\$430.00
100297	70 - 79 HP Crawler Dozer (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$1,500.00	\$1,500.00
100298	80 - 89 HP Crawler Dozer (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$475.00	\$475.00
100299	80 - 89 HP Crawler Dozer (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$1,664.99	\$1,664.99
100300	90 - 100 HP Crawler Dozer (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$525.00	\$525.00
100301	90 - 100 HP Crawler Dozer (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$1,835.00	\$1,835.00
100302	Mini Excavator, 3/8 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$391.00	\$391.00
100303	Mini Excavator, 3/8 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$1,351.25	\$1,351.25

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		Units	Labor	Material	Equipment	Total
100304	Mini Excavator, 3/8 CY (MO) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	MO	\$0.00	\$0.00	\$3,346.50	\$3,346.50
100305	Excavator, 3/4 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$540.50	\$540.50
100306	Excavator, 3/4 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$2,047.00	\$2,047.00
100307	Excavator, 2 3/4 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$1,167.25	\$1,167.25
100308	Excavator, 2 3/4 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$3,852.50	\$3,852.50
100309	Front End Loader, 1 to 2 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$350.75	\$350.75
100310	Front End Loader, 1 to 2 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$1,207.50	\$1,207.50
100311	Front End Loader, 2 to 4 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$477.25	\$477.25
100312	Front End Loader, 2 to 4 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$1,782.50	\$1,782.50

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		Units	Labor	Material	Equipment	Total
100313	Front End Loader, 4 to 6 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$747.50	\$747.50
100314	Front End Loader, 4 to 6 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$2,478.25	\$2,478.25
100315	Skid Steer Loader, 60" Bucket (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$258.75	\$258.75
100316	Skid Steer Loader, 60" Bucket (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$770.50	\$770.50
100317	Skid Steer Loader, 72" Bucket (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$258.75	\$258.75
100318	Skid Steer Loader, 72" Bucket (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$770.50	\$770.50
100319	Skid Steer Loader, 78" Bucket (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$258.75	\$258.75
100320	Skid Steer Loader, 78" Bucket (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$770.50	\$770.50

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		Units	Labor	Material	Equipment	Total
100321	Dump Truck, 10 - 14 CY (DAY) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$840.65	\$840.65
100322	Dump Truck, 10 - 14 CY (WK) To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$2,909.99	\$2,909.99
100323	Compaction Wheel (DAY) Daily Rate for adding compaction wheel to equipment. To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	DY	\$0.00	\$0.00	\$126.50	\$126.50
100324	Compaction Wheel (WK) Weekly Rate for adding compaction wheel to equipment. To be used for emergency or site-specific work as authorized by the project manager. To be used with Divisions 31 and 32 only	WK	\$0.00	\$0.00	\$391.00	\$391.00
01-54-23 Temporary Scaffolding and Platforms						
100325	Exterior Scaffold per SF of Vertical Surface (WK) Can be used where heights are > 15'. Includes delivery, set up and removal, building anchorage as required. Unit cost includes rental for 1 week	SF	\$2.53	\$0.00	\$1.51	\$4.04
100326	Exterior Scaffold per SF of Vertical Surface (MO) Can be used where heights are > 15'. Includes delivery, set up and removal, building anchorage as required. Unit cost includes rental for 28 days	SF	\$2.53	\$0.00	\$6.00	\$8.53
100327	[Modifier] Exterior Scaffold Weekly Rental Rate After 28 Days Per SF of vertical surface area	SF	\$0.00	\$0.00	\$0.54	\$0.54
100328	Interior Scaffold per SF of Vertical Surface – Includes Removal Can be used where heights are less than or equal to 15'. Unit cost includes rental for 1 week	SF	\$1.93	\$0.00	\$1.25	\$3.18
100329	Scaffold Stair Tower – LF of Tread – Includes Removal Includes, frame, stringers, treads, fasteners, hangers, railings, and landings	LF	\$1.86	\$5.83	\$0.00	\$7.69

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		Units	Labor	Material	Equipment	Total
100330	Scaffold Shoring Towers Includes delivery, set up and removal	CF	\$12.91	\$5.17	\$0.00	\$18.08
100331	Scaffold - Swing Stage Set Up/Removal Includes mobilization/demobilization, set up and disassembly	EA	\$944.41	\$0.00	\$0.00	\$944.41
100332	Scaffold - Swing Stage (WK) Includes anchorage, tiebacks, counterweights (if required), cables, winches, decking and guard systems and all necessary equipment for a complete installation. Assumes 20' deck	WK	\$0.00	\$0.00	\$1,237.00	\$1,237.00
100333	Scaffold - Swing Stage (MO) Includes anchorage, tiebacks, counterweights (if required), cables, winches, decking and guard systems and all necessary equipment for a complete installation. Assumes 20' deck	MO	\$0.00	\$0.00	\$2,250.00	\$2,250.00
100334	Scaffold - One Man Work Cage (WK) Includes anchorage, tiebacks, counterweights (if required), cables, winches, decking and guard systems and all necessary equipment for a complete installation	WK	\$0.00	\$0.00	\$408.22	\$408.22

01-58-00 Project Identification

01-58-13 Temporary Project Signage

100335	MDO Plywood Sign, Up to 8 SF, One or Two Color Design, Engineer Grade	EA	\$0.00	\$159.01	\$0.00	\$159.01
100336	MDO Plywood Sign, >8 to 16 SF, One or Two Color Design, Engineer Grade	EA	\$0.00	\$318.00	\$0.00	\$318.00

01-60-00 Product Requirements

01-64-00 Owner-Furnished Products

01-64-00 Owner-Furnished Products

100337	Furniture - Moving, Relocating, Storing and Re-Installing - Reimbursable Includes removal, storing and/or relocating existing furniture prior to and after construction	LS	\$0.00	\$1.06	\$0.00	\$1.06
100338	Furniture, Fixtures and Equipment (FF&E) - Reimbursable Includes interior/exterior furnishings and accessories	LS	\$0.00	\$1.06	\$0.00	\$1.06
100339	Audio-Visual Systems – Reimbursable Includes stand alone and integrated audio-visual systems and equipment	LS	\$0.00	\$1.06	\$0.00	\$1.06

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		Units	Labor	Material	Equipment	Total
100340	Video/Electronic Safety and Security Systems - Reimbursable Includes stand alone and integrated video/electronic safety and security equipment	LS	\$0.00	\$1.06	\$0.00	\$1.06

01-65-00 Product Delivery Requirements

All items in Division 01-65-00 apply to Divisions 31 to 35 only.

01-65-13 Mobilization & Demobilization of Heavy Equipment

100341	Mobilization and Demobilization of Heavy Construction Equipment (Over 1 Ton) by Transport w/Dump Truck and Trailer Cost per hour includes multiple pieces of equipment if loaded on a single trailer. Item applies to Divisions 31 through 35 only.	HR	\$90.68	\$0.00	\$124.20	\$214.88
100342	Mobilization and Demobilization of Heavy Construction Equipment (Over 1 Ton) by Transport w/ Tractor Trailer and Lowboy - Up to 8'6" Wide, 65' Long and 80,000 LBS Cost per hour includes multiple pieces of equipment if loaded on a single trailer. Item applies to Divisions 31 through 35 only.	HR	\$98.92	\$0.00	\$185.15	\$284.07
100343	Mobilization and Demobilization of Heavy Construction Equipment (Over 1 Ton) by Transport w/ Tractor Trailer and Lowboy - Either Over 8'6" Wide, 65' Long or 80,000 LBS (Oversized Load) Cost per hour includes multiple pieces of equipment if loaded on a single trailer. Item applies to Divisions 31 through 35 only.	HR	\$107.16	\$0.00	\$286.35	\$393.51

01-65-16 Hauling of Bulk Materials

100344	[Modifier] Hourly Rate for Trucking / Hauling Materials (Other Than Asphalt) Over 30 Miles (Dump Truck or Equal, Up to 8 CY or 2-1/2 Tons) Quantity to be calculated based on the number of hours required for hauling materials over 30 miles only. Hauling time for the first 30 miles should be excluded. Can be applied cumulatively to base line items for importing or exporting materials. Applies to Divisions 31 through 35 only.	HR	\$61.82	\$0.00	\$18.77	\$80.59
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		Units	Labor	Material	Equipment	Total
100345	[Modifier] Hourly Rate for Trucking / Hauling Materials (Other Than Asphalt) Over 30 Miles (Dump Truck or Equal, 9 to 15 CY or 3 to 10 Tons) Quantity to be calculated based on the number of hours required for hauling materials over 30 miles only. Hauling time for the first 30 miles should be excluded. Can be applied cumulatively to base line items for importing or exporting materials. Applies to Divisions 31 through 35 only.	HR	\$65.94	\$0.00	\$25.59	\$91.53
100346	[Modifier] Hourly Rate for Trucking / Hauling Materials (Other Than Asphalt) Over 30 Miles (Dump Truck or Equal, 16 to 25 CY or 11 to 30 Tons) Quantity to be calculated based on the number of hours required for hauling materials over 30 miles only. Hauling time for the first 30 miles should be excluded. Can be applied cumulatively to base line items for importing or exporting materials. Applies to Divisions 31 through 35 only.	HR	\$70.07	\$0.00	\$36.05	\$106.12
100347	[Modifier] Hourly Rate for Trucking / Hauling Asphalt Materials Over 30 Miles (Dump Truck or Equal, Up to 8 CY or 2-1/2 Tons) Quantity to be calculated based on the number of hours required for hauling asphalt over 30 miles only. Hauling time for the first 30 miles should be excluded. Can be applied cumulatively to base line items for importing or exporting materials. Applies to Divisions 31 and 32 only.	HR	\$65.94	\$0.00	\$18.77	\$84.71
100348	[Modifier] Hourly Rate for Trucking / Hauling Asphalt Materials Over 30 Miles (Dump Truck or Equal, 9 to 15 CY or 3 to 10 Tons) Quantity to be calculated based on the number of hours required for hauling asphalt over 30 miles only. Hauling time for the first 30 miles should be excluded. Can be applied cumulatively to base line items for importing or exporting materials. Applies to Divisions 31 and 32 only.	HR	\$70.07	\$0.00	\$25.59	\$95.66

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		Units	Labor	Material	Equipment	Total
100349	[Modifier] Hourly Rate for Trucking / Hauling Asphalt Materials Over 30 Miles (Dump Truck or Equal, 16 to 25 CY or 11 to 30 Tons) Quantity to be calculated based on the number of hours required for hauling asphalt over 30 miles only. Hauling time for the first 30 miles should be excluded. Can be applied cumulatively to base line items for importing or exporting materials. Applies to Divisions 31 and 32 only.	HR	\$74.19	\$0.00	\$36.05	\$110.24

01-66-00 Product Storage and Handling Requirements

01-66-00 Product Storage and Handling Requirements

100350	Product Delivery Requirements – Reimbursable Includes requirements for expedited packing, shipping, delivery, and acceptance of products	LS	\$0.00	\$1.06	\$0.00	\$1.06
100351	Material Handling - Horizontal Distribution - Work Areas Greater Than 200 Feet from Material Stockpile or Delivery Location Quantity to be calculated based on the number of hours required for material handling over 200' only. Distribution time for the first 200' should be excluded. Applies to Divisions 02 through 28 only.	HR	\$51.20	\$0.00	\$0.00	\$51.20
100352	Material Handling - Vertical Distribution - Work Areas Greater Than 3 Floors from Material Stockpile or Delivery Location Quantity to be calculated based on the number of hours required for material handling over 3 floors only. Distribution time for the first 3 floors should be excluded. Applies to Divisions 02 through 28 only.	HR	\$51.20	\$0.00	\$0.00	\$51.20
100353	Material Handling - Site Infrastructure - Work Areas Greater Than 500 Yards from Staging Area Quantity to be calculated based on the number of hours required for material handling over 500 yards only. Distribution time for the first 500 yards should be excluded. Cost includes equipment to transport materials. Applies to Divisions 31 through 35 only.	HR	\$65.94	\$0.00	\$25.59	\$91.53

01-70-00 Execution and Closeout Requirements

01-71-00 Examination and Preparation

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		Units	Labor	Material	Equipment	Total
01-71-36 Non-Destructive Concrete Examination						
100354	Concrete Scanning For Core Drill	EA	\$374.82	\$0.00	\$0.00	\$374.82
01-74-00 Cleaning and Waste Management						
01-74-23 Final Cleaning						
100355	Daily Cleanup of Occupied Spaces – Per Building Work Area Square Foot Daily cleaning of work area during construction. General cleaning using appropriate materials and means to leave site in a condition safe and acceptable for intended use or occupancy. Only applicable for occupied spaces.	SF	\$0.31	\$0.00	\$0.00	\$0.31
100356	Final Cleanup – Per Building Work Area Square Foot Cleaning when work is substantially complete and dry. Thoroughly clean, sweep, wash, and polish all work and equipment provided under the Contract, including finishes. Using appropriate materials and means, to leave structures and site in a complete and finished condition ready for intended use or occupancy. No exposed temporary labels or markings to remain	SF	\$0.62	\$0.00	\$0.00	\$0.62
100357	Final Glass Cleaning – Per Square Foot Of Glass Wash glass in accordance with glass manufacturer's recommendations. Both sides of exposed surfaces, not more than 4 days prior to close of construction activities. Cannot be combined with Final Cleanup line item, which would include glass cleanup	SF	\$0.46	\$0.00	\$0.00	\$0.46
100358	[Modifier] Quantity Premium - Cleanup (< 500 SF) Quantity premium can be used when total square footage of Cleaning is less than 500 sf. Can be applied cumulatively to base line item	SF	\$0.94	\$0.00	\$0.00	\$0.94

02-00-00 Existing Conditions

Removals for MasterFormat divisions three through fourteen and thirty-two are included in 02-00-00 Existing Conditions. Mechanical, Electrical, and Site Utility removals are located within their applicable divisions

02-30-00 Subsurface Investigation

02-31-00 Geophysical Investigations

02-31-23 Electromagnetic Investigations

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		Units	Labor	Material	Equipment	Total
100359	Electromagnetic Survey using Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR). Non-Destructive Surface Examinations such as earth, concrete, masonry, or asphalt to locate underground items prior to excavation or trenching; Usage Requirements: 4-hour minimum on-site	HR	\$176.64	\$0.00	\$103.50	\$280.14

02-32-00 Geotechnical Investigations

02-32-19 Exploratory Excavations

100360	Potholing For Utilities - Less Than 5' Deep Hole patching is not included, see applicable section for material type to be used for patching	HOLE	\$425.95	\$0.00	\$0.00	\$425.95
100361	Potholing For Utilities - 5' To 8' Deep Hole patching is not included, see applicable section for material type to be used for patching	HOLE	\$567.93	\$0.00	\$0.00	\$567.93
100362	Potholing For Utilities - 8' To 11' Deep Hole patching is not included, see applicable section for material type to be used for patching	HOLE	\$780.91	\$0.00	\$0.00	\$780.91
100363	Potholing For Utilities - 11' To 14' Deep Hole patching is not included, see applicable section for material type to be used for patching	HOLE	\$922.89	\$0.00	\$0.00	\$922.89
100364	Potholing For Utilities - Mobilization	HR	\$0.00	\$0.00	\$125.00	\$125.00

02-40-00 Demolition and Structure Moving

02-41-00 Demolition

Unit pricing includes all labor, material, and equipment to safely remove material and transport it into an approved rubbish container, such as a dumpster, trailer, truck, etc. Hauling of demolished material over 30 miles can be selected at the end of each section.

02-41-13 Selective Site Demolition

Limited access items can be used for all quantities/areas which cannot be accessed with heavy equipment.

100365	Remove Stone Riprap (Under 100 CY)	CY	\$35.09	\$0.00	\$0.00	\$35.09
100366	Remove Stone Riprap (100 To 200 CY)	CY	\$31.58	\$0.00	\$0.00	\$31.58
100367	Remove Stone Riprap (Over 200 CY)	CY	\$28.70	\$0.00	\$0.00	\$28.70
100368	Sawcut - Asphalt, Concrete, or Unit Paving (Under 50 LF)	LS	\$440.84	\$0.00	\$0.00	\$440.84
100369	Sawcut - Asphalt (50 LF & Up)	LF	\$4.21	\$0.00	\$0.00	\$4.21
100370	Sawcut - Concrete (50 LF & Up)	LF	\$5.85	\$0.00	\$0.00	\$5.85
100371	Sawcut - Unit Paving (50 LF & Up)	LF	\$5.85	\$0.00	\$0.00	\$5.85

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		Units	Labor	Material	Equipment	Total
100372	Remove Pavement - Asphalt (Under 100 SF Or Limited Access) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$84.35	\$0.00	\$0.00	\$84.35
100373	Remove Pavement - Asphalt (100 to 399 SF) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$72.94	\$0.00	\$0.00	\$72.94
100374	Remove Pavement - Asphalt (400 To 999 SF) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$65.01	\$0.00	\$0.00	\$65.01
100375	Remove Pavement - Asphalt (1,000 SF & Up) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$58.58	\$0.00	\$0.00	\$58.58
100376	Remove Pavement - Concrete (Under 100 SF Or Limited Access) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$236.27	\$0.00	\$0.00	\$236.27
100377	Remove Pavement - Concrete (100 to 399 SF) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$173.49	\$0.00	\$0.00	\$173.49
100378	Remove Pavement - Concrete (400 To 999 SF) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$133.80	\$0.00	\$0.00	\$133.80
100379	Remove Pavement - Concrete (1,000 SF & Up) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	CY	\$103.94	\$0.00	\$0.00	\$103.94
100380	Remove Pavement - Unit Paving (Under 100 SF Or Limited Access) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	SF	\$2.84	\$0.00	\$0.00	\$2.84
100381	Remove Pavement - Unit Paving (100 to 399 SF) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	SF	\$2.07	\$0.00	\$0.00	\$2.07
100382	Remove Pavement - Unit Paving (400 To 999 SF) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	SF	\$1.75	\$0.00	\$0.00	\$1.75

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		Units	Labor	Material	Equipment	Total
100383	Remove Pavement - Unit Paving (1,000 SF & Up) Roadway, Parking Lot, or Pedestrian Paving. Includes surface course removal only.	SF	\$1.62	\$0.00	\$0.00	\$1.62
100384	Remove Curb or Gutter - Concrete Roadway, Parking Lot, or Pedestrian	CY	\$63.16	\$0.00	\$0.00	\$63.16
100385	Remove Signage - Single Post Traffic, Roadway, Parking Lot, or Pedestrian. Includes pole and base removal.	EA	\$39.48	\$0.00	\$0.00	\$39.48
100386	Remove Signage - Double Post Traffic, Roadway, Parking Lot, or Pedestrian. Includes pole and base removal.	EA	\$78.95	\$0.00	\$0.00	\$78.95
100387	Remove Pavement Marking - Painted Symbols	SF	\$2.78	\$0.00	\$0.00	\$2.78
100388	Remove Pavement Marker - Raised / Reflective	EA	\$1.12	\$0.00	\$0.00	\$1.12
100389	Remove Pavement Striping - 4" Paint	LF	\$1.63	\$0.00	\$0.00	\$1.63
100390	Remove Pavement Striping - 12" Paint	LF	\$1.87	\$0.00	\$0.00	\$1.87
100391	Remove Roadway Speed Bump – Plastic	LF	\$17.12	\$0.00	\$0.00	\$17.12
100392	Remove Roadway Vehicle Barrier	EA	\$237.80	\$0.00	\$0.00	\$237.80
100393	Remove Equipment - Parking, Vehicle, or Pedestrian Includes Ticketing Dispenser, Fare/Fee Collection, Key Card Control Unit, Pedestrian Detection, Money Changing, or Security Equipment	EA	\$523.16	\$0.00	\$0.00	\$523.16
100394	Remove Parking Bumper / Wheel Stop	EA	\$39.48	\$0.00	\$0.00	\$39.48
100395	Remove Parking Meter	EA	\$157.90	\$0.00	\$0.00	\$157.90
100396	Remove Parking Gates	LF	\$31.58	\$0.00	\$0.00	\$31.58
100397	Remove Exterior Stairs - Cast-In-Place Concrete Per LF of Stair Tread Width.	LF	\$33.32	\$0.00	\$0.00	\$33.32
100398	Remove Exterior Stairs - Precast Concrete Per LF of Stair Tread Width.	LF	\$28.55	\$0.00	\$0.00	\$28.55
100399	Remove Exterior Stairs - Metal Per LF of Stair Tread Width.	LF	\$19.99	\$0.00	\$0.00	\$19.99
100400	Remove Exterior Stairs - Wood Per LF of Stair Tread Width.	LF	\$14.27	\$0.00	\$0.00	\$14.27
100401	Remove Exterior Ramp - Concrete	SF	\$6.31	\$0.00	\$0.00	\$6.31
100402	Remove Exterior Ramp - Metal	SF	\$4.21	\$0.00	\$0.00	\$4.21
100403	Remove Exterior Ramp - Wood	SF	\$3.16	\$0.00	\$0.00	\$3.16
100404	Remove Tactile Warning Surface Textured ground surface indicators	SF	\$1.58	\$0.00	\$0.00	\$1.58
100405	Remove Basketball Backstop Includes post and base.	EA	\$315.80	\$0.00	\$0.00	\$315.80
100406	Remove Post - Volleyball Net	EA	\$157.90	\$0.00	\$0.00	\$157.90
100407	Remove Post - Tennis Net	EA	\$157.90	\$0.00	\$0.00	\$157.90

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		Units	Labor	Material	Equipment	Total
100408	Remove Recreational Court Surface - Limited Access Basketball, Tennis, etc.	SF	\$3.16	\$0.00	\$0.00	\$3.16
100409	Remove Recreational Court Surface Basketball, Tennis, etc.	SF	\$1.58	\$0.00	\$0.00	\$1.58
100410	Remove Playground Equipment Includes obstacles, ladders, stairs, slides, swings, etc.	EA	\$315.80	\$0.00	\$0.00	\$315.80
100411	Remove Playground Structure Includes platforms, walks, etc.	SF	\$11.73	\$0.00	\$0.00	\$11.73
100412	Remove Playfield Surfacing, Limited Access	SF	\$3.16	\$0.00	\$0.00	\$3.16
100413	Remove Playfield Surfacing	SF	\$1.58	\$0.00	\$0.00	\$1.58
100414	Remove Fountain / Water Feature	EA	\$1,263.18	\$0.00	\$0.00	\$1,263.18
100415	Remove Fountain / Water Feature - Equipment Controls	EA	\$237.80	\$0.00	\$0.00	\$237.80
100416	Remove Fence - Chain Link Includes Recreational Courts	SF	\$1.56	\$0.00	\$0.00	\$1.56
100417	Remove Fence - Decorative Metal	SF	\$2.10	\$0.00	\$0.00	\$2.10
100418	Remove Fence - Plastic	SF	\$1.26	\$0.00	\$0.00	\$1.26
100419	Remove Fence - Wood	SF	\$1.15	\$0.00	\$0.00	\$1.15
100420	Remove Fence Post - Wood or Metal	EA	\$53.94	\$0.00	\$0.00	\$53.94
100421	Remove Fence Gate - Chain Link (Single) Includes Door, Frame, and Hardware	EA	\$68.70	\$0.00	\$0.00	\$68.70
100422	Remove Fence Gate - Chain Link (Double) Includes Door, Frame, and Hardware	EA	\$84.55	\$0.00	\$0.00	\$84.55
100423	Remove Fence Gate - Decorative Metal, Plastic, or Wood (Single) Includes Door, Frame, and Hardware	EA	\$157.90	\$0.00	\$0.00	\$157.90
100424	Remove Fence Gate - Decorative Metal, Plastic, or Wood (Double) Includes Door, Frame, and Hardware	EA	\$197.37	\$0.00	\$0.00	\$197.37
100425	Remove Bicycle Rack	EA	\$157.90	\$0.00	\$0.00	\$157.90
100426	Remove Bicycle Locker	EA	\$39.95	\$0.00	\$0.00	\$39.95
100427	Remove Trash / Litter/ Recycle Receptor	EA	\$157.90	\$0.00	\$0.00	\$157.90
100428	Remove Fixed Table or Bench	EA	\$157.90	\$0.00	\$0.00	\$157.90
100429	Remove Seating - Fixed Stadium	SEAT	\$33.32	\$0.00	\$0.00	\$33.32
100430	Remove Seating - Fixed Bleacher	SEAT	\$24.98	\$0.00	\$0.00	\$24.98
100431	Remove Signage - Monumental	SF	\$27.20	\$0.00	\$0.00	\$27.20
100432	Remove Flagpole Includes Foundation	EA	\$384.13	\$0.00	\$0.00	\$384.13
100433	Remove Booth - Ticket / Attendant	EA	\$631.59	\$0.00	\$0.00	\$631.59
100434	Remove Car Shelter	SF	\$2.09	\$0.00	\$0.00	\$2.09
100435	Remove Transportation Stop Shelter	SF	\$2.61	\$0.00	\$0.00	\$2.61
100436	Remove Shelter / Gazebo - Cast-In-Place Concrete	SF	\$4.21	\$0.00	\$0.00	\$4.21

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100437	Remove Shelter / Gazebo - Precast Concrete	SF	\$3.16	\$0.00	\$0.00	\$3.16
100438	Remove Shelter / Gazebo - Steel	SF	\$2.61	\$0.00	\$0.00	\$2.61
100439	Remove Shelter / Gazebo - Wood	SF	\$1.90	\$0.00	\$0.00	\$1.90
100440	Remove Shelter / Gazebo - Laminated Wood	SF	\$2.14	\$0.00	\$0.00	\$2.14
100441	Remove Shelter / Gazebo - Fabric	SF	\$1.90	\$0.00	\$0.00	\$1.90
100442	Remove Retaining Wall - Cast-In-Place Concrete (Less Than 20 CY)	CY	\$210.53	\$0.00	\$0.00	\$210.53
100443	Remove Retaining Wall - Cast-In-Place Concrete (20 To 50 CY)	CY	\$157.90	\$0.00	\$0.00	\$157.90
100444	Remove Retaining Wall - Cast-In-Place Concrete (Greater Than 20CY)	CY	\$126.32	\$0.00	\$0.00	\$126.32
100445	Remove Retaining Wall - Precast Concrete	SF	\$8.42	\$0.00	\$0.00	\$8.42
100446	Remove Retaining Wall - Unit Masonry	SF	\$6.31	\$0.00	\$0.00	\$6.31
100447	Remove Retaining Wall - Concrete Cap	LF	\$12.60	\$0.00	\$0.00	\$12.60
100448	Remove Retaining Wall - Segmental	SF	\$6.31	\$0.00	\$0.00	\$6.31
100449	Remove Retaining Wall - Metal Crib	SF	\$4.76	\$0.00	\$0.00	\$4.76
100450	Remove Retaining Wall - Timber	SF	\$4.76	\$0.00	\$0.00	\$4.76
100451	Remove Retaining Wall - Stone	SF	\$6.31	\$0.00	\$0.00	\$6.31
100452	Remove Bollard - Metal or Concrete	EA	\$237.80	\$0.00	\$0.00	\$237.80
100453	Remove Guardrail	LF	\$24.98	\$0.00	\$0.00	\$24.98
100454	Remove Deck - Wood	SF	\$4.76	\$0.00	\$0.00	\$4.76
100455	Remove Deck - Wood Railing	LF	\$12.49	\$0.00	\$0.00	\$12.49
100456	Remove Deck - Wood Stair Tread Per LF of Tread Width	LF	\$14.27	\$0.00	\$0.00	\$14.27
100457	Remove Deck - Composite	SF	\$4.76	\$0.00	\$0.00	\$4.76
100458	Remove Deck - Composite Railing	LF	\$12.49	\$0.00	\$0.00	\$12.49
100459	Remove Deck - Composite Stair Tread Per LF of Tread Width	LF	\$14.27	\$0.00	\$0.00	\$14.27
100460	Remove Irrigation System - Pump	EA	\$157.90	\$0.00	\$0.00	\$157.90
100461	Remove Irrigation System - Drip Includes All Distribution Components	LF	\$1.43	\$0.00	\$0.00	\$1.43
100462	Remove Irrigation System - Pop-Up Includes All Distribution Components	SF	\$1.43	\$0.00	\$0.00	\$1.43
100463	Remove Turf and Grasses	SF	\$1.43	\$0.00	\$0.00	\$1.43
100464	Remove Ground Cover	SF	\$1.43	\$0.00	\$0.00	\$1.43
100465	Remove Plants and Bulbs	SF	\$1.43	\$0.00	\$0.00	\$1.43
100466	Remove Shrub - Up To 2 Ft Diameter	EA	\$39.48	\$0.00	\$0.00	\$39.48
100467	Remove Shrub - 2 To 4 Ft Diameter	EA	\$78.95	\$0.00	\$0.00	\$78.95

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100468	Remove Shrub - Over 4 Ft Diameter	EA	\$157.90	\$0.00	\$0.00	\$157.90
100469	Trim Tree - Up To 6" Max Branch Caliper	EA	\$39.48	\$0.00	\$0.00	\$39.48
100470	Trim Tree - 6 To 12" Max Branch Caliper Includes chipping and loading	EA	\$78.95	\$0.00	\$0.00	\$78.95
100471	Trim Tree - 12 To 24" Max Branch Caliper Includes chipping and loading	EA	\$157.90	\$0.00	\$0.00	\$157.90
100472	Trim Tree - Over 24" Max Branch Caliper Includes chipping and loading	IN	\$13.16	\$0.00	\$0.00	\$13.16
100473	Remove Tree - Up To 6" Caliper – Excludes Stump Removal Includes chipping and loading	EA	\$631.59	\$0.00	\$0.00	\$631.59
100474	Remove Tree - 6 To 12" Caliper – Excludes Stump Removal Includes chipping and loading	EA	\$789.49	\$0.00	\$0.00	\$789.49
100475	Remove Tree - 12 To 24" Caliper – Excludes Stump Removal Includes chipping and loading	EA	\$1,263.18	\$0.00	\$0.00	\$1,263.18
100476	Remove Tree - Over 24" Caliper – Excludes Stump Removal Includes chipping and loading	IN	\$52.64	\$0.00	\$0.00	\$52.64
100477	Grind Tree Stump - Up To 6" Caliper	EA	\$95.12	\$0.00	\$0.00	\$95.12
100478	Grind Tree Stump - 6 To 12" Caliper	EA	\$158.53	\$0.00	\$0.00	\$158.53
100479	Grind Tree Stump - 12 To 24" Caliper	EA	\$190.23	\$0.00	\$0.00	\$190.23
100480	Grind Tree Stump - Over 24" Caliper	IN	\$7.92	\$0.00	\$0.00	\$7.92
100481	Remove Tree Stump - Up To 6" Caliper	EA	\$114.14	\$0.00	\$0.00	\$114.14
100482	Remove Tree Stump - 6 To 12" Caliper	EA	\$190.24	\$0.00	\$0.00	\$190.24
100483	Remove Tree Stump - 12 To 24" Caliper	EA	\$228.29	\$0.00	\$0.00	\$228.29
100484	Remove Tree Stump - Over 24" Caliper	IN	\$9.51	\$0.00	\$0.00	\$9.51
100485	Remove Landscape Edging	LF	\$1.26	\$0.00	\$0.00	\$1.26
100486	Remove Landscape Timber	LF	\$1.58	\$0.00	\$0.00	\$1.58
100487	Remove Tree Grate	EA	\$78.95	\$0.00	\$0.00	\$78.95
100488	Removal and Disposal of Large Sized Mixed Debris from Site Including but not limited to large concrete aggregates, large tree stumps, mixed concrete bricks, asphalt, etc. Debris to be broken into allowable sizes to not incur hard-to-handle bulk waste fee charges.	CY	\$19.75	\$170.66	\$28.85	\$219.26
100489	Remove Landscape Lighting	EA	\$39.48	\$0.00	\$0.00	\$39.48

02-41-16 Structure Demolition

Unit pricing includes all labor, material, and equipment to safely remove material and transport it into an approved rubbish container, such as a dumpster, trailer, truck, etc. Hauling of demolished material can be selected at the end of each section

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100490	Remove Building / Structure - Concrete (Up To 1,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$5.05	\$0.00	\$0.00	\$5.05
100491	Remove Building / Structure - Concrete (1,000 To 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$4.21	\$0.00	\$0.00	\$4.21
100492	Remove Building / Structure - Concrete (Over 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$3.61	\$0.00	\$0.00	\$3.61
100493	Remove Building / Structure - Masonry (Up To 1,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$4.21	\$0.00	\$0.00	\$4.21
100494	Remove Building / Structure - Masonry (1,000 To 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$3.61	\$0.00	\$0.00	\$3.61
100495	Remove Building / Structure - Masonry (Over 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$3.16	\$0.00	\$0.00	\$3.16
100496	Remove Building / Structure - Steel (Up To 1,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$3.61	\$0.00	\$0.00	\$3.61
100497	Remove Building / Structure - Steel (1,000 To 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$3.16	\$0.00	\$0.00	\$3.16
100498	Remove Building / Structure - Steel (Over 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$2.81	\$0.00	\$0.00	\$2.81
100499	Remove Building / Structure - Wood (Up To 1,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$3.16	\$0.00	\$0.00	\$3.16
100500	Remove Building / Structure - Wood (1,000 To 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$2.81	\$0.00	\$0.00	\$2.81
100501	Remove Building / Structure - Wood (Over 4,000 SF) Includes all interior construction components. Excludes foundations.	SF	\$2.53	\$0.00	\$0.00	\$2.53

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100502	Remove Concrete Slab On Grade – With Welded Wire Mesh (W.W.M) Excludes foundations.	SF	\$3.61	\$0.00	\$0.00	\$3.61
100503	Remove Concrete Slab On Grade – With Rebar Excludes foundations.	SF	\$4.51	\$0.00	\$0.00	\$4.51
100504	Remove Foundation (Less Than 20 CY) Includes Walls and Footers	CY	\$210.53	\$0.00	\$0.00	\$210.53
100505	Remove Foundation (20 To 50 CY) Includes Walls and Footers	CY	\$157.90	\$0.00	\$0.00	\$157.90
100506	Remove Foundation (Greater Than 50 CY) Includes Walls and Footers	CY	\$126.32	\$0.00	\$0.00	\$126.32
100507	[Modifier] Hourly Rate For Transport and Disposal of Removals / Debris Over 30 Miles (Dump Truck, 12-14 CY or =) Quantity premium can be used when travel distance goes over 30 miles. Can be applied cumulatively to base line items.	HR	\$0.00	\$0.00	\$120.00	\$120.00

02-41-20 Selective Structure Demolition

Unit pricing includes all labor, material, and equipment to safely remove material and transport it into an approved rubbish container, such as a dumpster, trailer, truck, etc. Hauling of demolished material can be selected at the end of each section

100508	Sawcut Floor – Concrete with Welded Wire Mesh (W.W.M)	LF	\$5.28	\$0.00	\$0.00	\$5.28
100509	Sawcut Floor – Concrete with Rebar	LF	\$6.60	\$0.00	\$0.00	\$6.60
100510	Sawcut Wall – Cast-In-Place Concrete	LF	\$22.82	\$0.00	\$0.00	\$22.82
100511	Sawcut Wall – Precast Concrete	LF	\$21.09	\$0.00	\$0.00	\$21.09
100512	Sawcut Wall – Brick	LF	\$9.23	\$0.00	\$0.00	\$9.23
100513	Sawcut Wall – CMU	LF	\$11.81	\$0.00	\$0.00	\$11.81
100514	Remove Foundation (Less Than 20 CY) Includes Walls and Footers	CY	\$210.53	\$0.00	\$0.00	\$210.53
100515	Remove Foundation (20 To 50 CY) Includes Walls and Footers	CY	\$157.90	\$0.00	\$0.00	\$157.90
100516	Remove Foundation (Greater Than 50 CY) Includes Walls and Footers	CY	\$126.32	\$0.00	\$0.00	\$126.32
100517	Remove Concrete Slab-On-Grade – With Welded Wire Mesh (W.W.M) Excludes foundations.	SF	\$3.61	\$0.00	\$0.00	\$3.61
100518	Remove Concrete Slab-On-Grade – With Rebar Excludes foundations.	SF	\$4.51	\$0.00	\$0.00	\$4.51
100519	Remove Concrete Slab-On-Grade – Small Quantity or Trench Work With Welded Wire Mesh (W.W.M) Excludes foundations.	SF	\$7.21	\$0.00	\$0.00	\$7.21

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100520	Remove Concrete Slab-On-Grade – Small Quantity or Trench Work With Rebar Excludes foundations.	SF	\$9.02	\$0.00	\$0.00	\$9.02
100521	Shoring - Temporary Jack Post Includes installation and removal.	EA	\$225.57	\$265.00	\$0.00	\$490.57
100522	Remove Structural Wall – Concrete (Less Than 20 CY)	CY	\$210.53	\$0.00	\$0.00	\$210.53
100523	Remove Structural Wall – Concrete (20 To 50 CY)	CY	\$157.90	\$0.00	\$0.00	\$157.90
100524	Remove Structural Wall – Concrete (Greater Than 50 CY)	CY	\$126.32	\$0.00	\$0.00	\$126.32
100525	Remove Structural Wall – Precast Concrete	SF	\$12.88	\$0.00	\$0.00	\$12.88
100526	Remove Structural Wall - Brick	SF	\$3.61	\$0.00	\$0.00	\$3.61
100527	Remove Structural Wall - CMU	SF	\$5.85	\$0.00	\$0.00	\$5.85
100528	Remove Structural Wall - Stone	SF	\$5.85	\$0.00	\$0.00	\$5.85
100529	Remove Structural Wall Stud - Wood	SF	\$2.15	\$0.00	\$0.00	\$2.15
100530	Remove Structural Wall Stud - Metal	SF	\$2.25	\$0.00	\$0.00	\$2.25
100531	Remove Structural Framing - Cast-In-Place Concrete Column	CY	\$375.66	\$0.00	\$0.00	\$375.66
100532	Remove Structural Framing - Cast-In-Place Concrete Beam	CY	\$488.70	\$0.00	\$0.00	\$488.70
100533	Remove Structural Framing - Cast-In-Place Concrete Lintel	CY	\$733.06	\$0.00	\$0.00	\$733.06
100534	Remove Structural Framing - Precast Concrete Column	CY	\$326.20	\$0.00	\$0.00	\$326.20
100535	Remove Structural Framing - Precast Concrete Beam	CY	\$376.25	\$0.00	\$0.00	\$376.25
100536	Remove Structural Framing - Precast Concrete Lintel	CY	\$564.66	\$0.00	\$0.00	\$564.66
100537	Remove Structural Framing - Masonry Brick Column	CF	\$5.29	\$0.00	\$0.00	\$5.29
100538	Remove Structural Framing - Masonry CMU Column	CF	\$8.58	\$0.00	\$0.00	\$8.58
100539	Remove Structural Framing - Masonry Lintel	CF	\$22.03	\$0.00	\$0.00	\$22.03
100540	Remove Structural Framing - Steel Column	TN	\$1,546.77	\$0.00	\$0.00	\$1,546.77
100541	Remove Structural Framing - Steel Beam, Truss, or Joist	TN	\$2,010.17	\$0.00	\$0.00	\$2,010.17
100542	Remove Structural Framing - Steel Lintel	TN	\$3,015.83	\$0.00	\$0.00	\$3,015.83
100543	Remove Structural Framing - Wood Column	CF	\$3.44	\$0.00	\$0.00	\$3.44
100544	Remove Structural Framing - Wood Beam, Truss, or Joist	CF	\$4.47	\$0.00	\$0.00	\$4.47
100545	Remove Structural Framing - Wood Timber Column	CF	\$4.63	\$0.00	\$0.00	\$4.63
100546	Remove Structural Framing - Wood Timber Beam, Truss, or Joist	CF	\$6.04	\$0.00	\$0.00	\$6.04
100547	Remove Structural Framing - Glue-Laminated Column	CF	\$5.37	\$0.00	\$0.00	\$5.37
100548	Remove Structural Framing - Glue-Laminated Beam or Arch	CF	\$6.98	\$0.00	\$0.00	\$6.98
100549	Remove Elevated Floor - Concrete Slab	SF	\$18.04	\$0.00	\$0.00	\$18.04

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100550	Remove Elevated Floor - Concrete Waffle Slab	SF	\$23.46	\$0.00	\$0.00	\$23.46
100551	Remove Elevated Floor - Concrete Slab on Deck	SF	\$15.04	\$0.00	\$0.00	\$15.04
100552	Remove Elevated Floor - Precast Concrete	SF	\$18.04	\$0.00	\$0.00	\$18.04
100553	Remove Elevated Floor - Wood Subfloor and Framing	SF	\$9.03	\$0.00	\$0.00	\$9.03
100554	Remove Balcony - Concrete	SF	\$18.04	\$0.00	\$0.00	\$18.04
100555	Remove Balcony - Metal	SF	\$10.37	\$0.00	\$0.00	\$10.37
100556	Remove Balcony - Wood	SF	\$9.03	\$0.00	\$0.00	\$9.03
100557	Remove Mezzanine - Concrete	SF	\$18.04	\$0.00	\$0.00	\$18.04
100558	Remove Mezzanine - Metal	SF	\$12.97	\$0.00	\$0.00	\$12.97
100559	Remove Mezzanine - Wood	SF	\$11.28	\$0.00	\$0.00	\$11.28
100560	Remove Ramp - Concrete	SF	\$18.04	\$0.00	\$0.00	\$18.04
100561	Remove Ramp - Metal	SF	\$9.03	\$0.00	\$0.00	\$9.03
100562	Remove Ramp - Wood	SF	\$7.85	\$0.00	\$0.00	\$7.85
100563	Remove Roof Deck - Concrete	SF	\$4.72	\$0.00	\$0.00	\$4.72
100564	Remove Roof Deck - Concrete on Metal Deck	SF	\$5.89	\$0.00	\$0.00	\$5.89
100565	Remove Roof Deck - Steel	SF	\$2.36	\$0.00	\$0.00	\$2.36
100566	Remove Roof Deck - Acoustical Metal	SF	\$2.94	\$0.00	\$0.00	\$2.94
100567	Remove Roof Deck - Structural Panel	SF	\$3.24	\$0.00	\$0.00	\$3.24
100568	Remove Roof Deck - Plywood or Tongue and Groove Sheathing	SF	\$0.60	\$0.00	\$0.00	\$0.60
100569	Remove Roof Deck - Roof Panel	SF	\$2.36	\$0.00	\$0.00	\$2.36
100570	Remove Roof Deck - Insulated Roof Panel	SF	\$2.64	\$0.00	\$0.00	\$2.64
100571	Remove Canopy and Associated Structure	SF	\$18.04	\$0.00	\$0.00	\$18.04
100572	Remove Stair Tread - Concrete	LF	\$30.07	\$0.00	\$0.00	\$30.07
100573	Remove Stair Tread - Precast Concrete	LF	\$25.78	\$0.00	\$0.00	\$25.78
100574	Remove Stair Tread - Metal	LF	\$18.04	\$0.00	\$0.00	\$18.04
100575	Remove Stair Tread - Concrete Filled Metal Pan	LF	\$20.76	\$0.00	\$0.00	\$20.76
100576	Remove Stair Tread - Wood	LF	\$18.04	\$0.00	\$0.00	\$18.04
100577	Remove Railing	LF	\$22.55	\$0.00	\$0.00	\$22.55
100578	Remove Wall Railing	LF	\$11.28	\$0.00	\$0.00	\$11.28
100579	Remove Fire Escape – Per Flight	FLT	\$902.28	\$0.00	\$0.00	\$902.28
100580	Remove Metal Walkway	SF	\$12.97	\$0.00	\$0.00	\$12.97
100581	Remove Ladder	LF	\$6.44	\$0.00	\$0.00	\$6.44
100582	Transport and Disposal Of Removals / Debris – Up To 30 Miles	CY	\$14.87	\$1.33	\$8.75	\$24.95
100583	[Modifier] Hourly Rate For Transport and Disposal of Removals / Debris Over 30 Miles (Dump Truck, 12-14 CY or =) Quantity premium can be used when travel distance goes over 30 miles. Can be applied cumulatively to base line items.	HR	\$0.00	\$0.00	\$120.00	\$120.00
02-41-21 Selective Exterior Demolition						
<i>Unit pricing includes all labor, material, and equipment to safely remove material and transport it into an approved rubbish container, such as a dumpster, trailer, truck, etc. Hauling of demolished material can be selected at the end of each section</i>						
100584	Remove Wall Veneer Only – Precast	SF	\$5.23	\$0.00	\$0.00	\$5.23

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100585	Remove Wall Veneer Only – Brick	SF	\$3.61	\$0.00	\$0.00	\$3.61
100586	Remove Wall Veneer Only – CMU	SF	\$5.22	\$0.00	\$0.00	\$5.22
100587	Remove Wall Veneer Only – Terra Cotta	SF	\$3.61	\$0.00	\$0.00	\$3.61
100588	Remove Wall Veneer Only – Stone	SF	\$5.22	\$0.00	\$0.00	\$5.22
100589	Remove Wall Veneer Only – EIFS	SF	\$2.79	\$0.00	\$0.00	\$2.79
100590	Remove Wall Veneer Only – Plaster / Stucco	SF	\$3.22	\$0.00	\$0.00	\$3.22
100591	Remove Wall Veneer Only – Composite Metal Panel	SF	\$2.79	\$0.00	\$0.00	\$2.79
100592	Remove Wall Veneer Only – Metal Panel	SF	\$2.79	\$0.00	\$0.00	\$2.79
100593	Remove Wall Veneer Only – Vinyl Siding	SF	\$1.93	\$0.00	\$0.00	\$1.93
100594	Remove Wall Veneer Only – Metal Siding	SF	\$2.15	\$0.00	\$0.00	\$2.15
100595	Remove Wall Veneer Only – Wood Siding	SF	\$2.36	\$0.00	\$0.00	\$2.36
100596	Remove Wall Backup - CMU Includes Air Vapor Barrier, and Insulation	SF	\$6.27	\$0.00	\$0.00	\$6.27
100597	Remove Wall Backup - Wood Stud Includes Air Vapor Barrier, Insulation, and Sheathing	SF	\$4.55	\$0.00	\$0.00	\$4.55
100598	Remove Wall Backup - Metal Stud Includes Air Vapor Barrier, Insulation, and Sheathing	SF	\$4.55	\$0.00	\$0.00	\$4.55
100599	Remove Entire Wall System – Precast On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$9.79	\$0.00	\$0.00	\$9.79
100600	Remove Entire Wall System – Precast On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$11.50	\$0.00	\$0.00	\$11.50
100601	Remove Entire Wall System – Brick On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$8.15	\$0.00	\$0.00	\$8.15
100602	Remove Entire Wall System – Brick On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$9.88	\$0.00	\$0.00	\$9.88
100603	Remove Entire Wall System – CMU On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$9.78	\$0.00	\$0.00	\$9.78
100604	Remove Entire Wall System – CMU On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$11.49	\$0.00	\$0.00	\$11.49

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
100605	Remove Entire Wall System – Terra Cotta On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$8.15	\$0.00	\$0.00	\$8.15
100606	Remove Entire Wall System – Terra Cotta On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$9.88	\$0.00	\$0.00	\$9.88
100607	Remove Entire Wall System – Stone On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$9.78	\$0.00	\$0.00	\$9.78
100608	Remove Entire Wall System – Stone On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$11.49	\$0.00	\$0.00	\$11.49
100609	Remove Entire Wall System – EIFS On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$7.35	\$0.00	\$0.00	\$7.35
100610	Remove Entire Wall System – EIFS On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$9.06	\$0.00	\$0.00	\$9.06
100611	Remove Entire Wall System – Plaster / Stucco On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$7.77	\$0.00	\$0.00	\$7.77
100612	Remove Entire Wall System – Plaster / Stucco On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$9.49	\$0.00	\$0.00	\$9.49
100613	Remove Entire Wall System – Composite Metal Panel On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$7.35	\$0.00	\$0.00	\$7.35
100614	Remove Entire Wall System – Composite Metal Panel On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$9.06	\$0.00	\$0.00	\$9.06
100615	Remove Entire Wall System – Metal Panel On Metal Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$7.35	\$0.00	\$0.00	\$7.35
100616	Remove Entire Wall System – Metal Panel On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$9.06	\$0.00	\$0.00	\$9.06
100617	Remove Entire Wall System – Vinyl Siding On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$6.49	\$0.00	\$0.00	\$6.49

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		Units	Labor	Material	Equipment	Total
100618	Remove Entire Wall System – Vinyl Siding On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$8.20	\$0.00	\$0.00	\$8.20
100619	Remove Entire Wall System – Metal Siding On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$6.70	\$0.00	\$0.00	\$6.70
100620	Remove Entire Wall System – Metal Siding On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$8.42	\$0.00	\$0.00	\$8.42
100621	Remove Entire Wall System – Wood Siding On Stud Includes veneer, studs, air / vapor barrier, insulation, and sheathing	SF	\$6.91	\$0.00	\$0.00	\$6.91
100622	Remove Entire Wall System – Wood Siding On CMU Includes veneer, CMU, air / vapor barrier, and insulation	SF	\$8.62	\$0.00	\$0.00	\$8.62
100623	Remove Insulation – Batt	SF	\$0.53	\$0.00	\$0.00	\$0.53
100624	Remove Insulation – Rigid	SF	\$0.55	\$0.00	\$0.00	\$0.55
100625	Remove Insulation – Spray Foam	SF	\$0.85	\$0.00	\$0.00	\$0.85
100626	Remove Wall - Exterior Curtainwall System	SF	\$6.95	\$0.00	\$0.00	\$6.95
100627	Remove Wall - Exterior Storefront System	SF	\$6.44	\$0.00	\$0.00	\$6.44
100628	Remove Wall - Exterior Window System	SF	\$6.95	\$0.00	\$0.00	\$6.95
100629	Remove Door Assembly - Exterior Single Solid Door Includes, Door, Frame, and Hardware	EA	\$56.40	\$0.00	\$0.00	\$56.40
100630	Remove Door Assembly - Exterior Double Solid Door Includes, Door, Frame, and Hardware	EA	\$69.40	\$0.00	\$0.00	\$69.40
100631	Remove Door Assembly - Exterior Single Glass Door Includes, Door, Frame, and Hardware	EA	\$62.03	\$0.00	\$0.00	\$62.03
100632	Remove Door Assembly - Exterior Double Glass Door Includes, Door, Frame, and Hardware	EA	\$76.35	\$0.00	\$0.00	\$76.35
100633	Remove Door Assembly - Exterior Sliding Manual Includes, Door, Frame, and Hardware	EA	\$302.55	\$0.00	\$0.00	\$302.55
100634	Remove Door Assembly - Exterior Sliding Automatic Includes, Door, Frame, and Hardware	EA	\$451.13	\$0.00	\$0.00	\$451.13
100635	Remove Door Assembly - Exterior Coiling Includes, Door, Frame, and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01

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		Units	Labor	Material	Equipment	Total
100636	Remove Door Assembly - Exterior Folding Includes, Door, Frame, and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100637	Remove Door Assembly - Exterior Sectional Overhead Includes, Door, Frame, and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100638	Remove Grille Assembly - Exterior Sliding Includes, Door, Frame, and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100639	Remove Grille Assembly - Exterior Folding Includes, Door, Frame, and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100640	Remove Gate Assembly - Exterior Single Includes, Door, Frame, and Hardware	EA	\$69.40	\$0.00	\$0.00	\$69.40
100641	Remove Gate Assembly - Exterior Double Includes, Door, Frame, and Hardware	EA	\$62.03	\$0.00	\$0.00	\$62.03
100642	Remove Door Assembly - Exterior Revolving Entrance Includes, Door, Frame, and Hardware	EA	\$451.13	\$0.00	\$0.00	\$451.13
100643	Remove Exterior Louver – Including Frame	SF	\$5.40	\$0.00	\$0.00	\$5.40
100644	Remove Awning - Metal	SF	\$2.43	\$0.00	\$0.00	\$2.43
100645	Remove Awning - Fabric	SF	\$2.25	\$0.00	\$0.00	\$2.25
100646	Remove Railing	LF	\$22.55	\$0.00	\$0.00	\$22.55
100647	Remove Wall Railing	LF	\$11.28	\$0.00	\$0.00	\$11.28
100648	Remove Exterior Glass-Fiber-Reinforced Concrete	SF	\$2.79	\$0.00	\$0.00	\$2.79
100649	Remove Exterior Column Cover	SF	\$2.79	\$0.00	\$0.00	\$2.79
100650	Remove Exterior Decorative Metal	SF	\$2.79	\$0.00	\$0.00	\$2.79
100651	Remove Exterior Wood Wall Panel	SF	\$2.79	\$0.00	\$0.00	\$2.79
100652	Remove Exterior Plastic Wall Panel	SF	\$2.79	\$0.00	\$0.00	\$2.79
100653	Remove Bird Control Device	LF	\$1.51	\$0.00	\$0.00	\$1.51
100654	Remove Window Well	EA	\$171.78	\$0.00	\$0.00	\$171.78
100655	Remove Steep Roofing System - Shingles / Shakes, 6/12 Pitch or Less Includes complete shingle system removal including synthetic underlayment	SF	\$0.86	\$0.00	\$0.00	\$0.86
100656	Remove Steep Roofing System - Shingles / Shakes, Greater Than 6/12 Pitch Includes complete shingle system removal including synthetic underlayment	SF	\$1.04	\$0.00	\$0.00	\$1.04

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		Units	Labor	Material	Equipment	Total
100657	Remove Steep Roofing System - Tiles, 6/12 Pitch or Less Includes removal of synthetic underlayment	SF	\$1.29	\$0.00	\$0.00	\$1.29
100658	Remove Steep Roofing System - Tiles, Greater Than 6/12 Pitch Includes removal of synthetic underlayment	SF	\$1.54	\$0.00	\$0.00	\$1.54
100659	Remove Steep Roofing System - Panels, 6/12 Pitch or Less Includes removal of synthetic underlayment	SF	\$1.12	\$0.00	\$0.00	\$1.12
100660	Remove Steep Roofing System - Panels, Greater Than 6/12 Pitch Includes removal of synthetic underlayment	SF	\$1.35	\$0.00	\$0.00	\$1.35
100661	Remove Steep Roofing System - Sheet Metal, 6/12 Pitch or Less Includes removal of synthetic underlayment	SF	\$1.12	\$0.00	\$0.00	\$1.12
100662	Remove Steep Roofing System - Sheet Metal, Greater Than 6/12 Pitch Includes removal of synthetic underlayment	SF	\$1.35	\$0.00	\$0.00	\$1.35
100663	Remove Flat Roofing System - Built-Up Membrane Includes removal of membrane, insulation, flashings, terminations and copings. This item is applicable to the complete removal of the roofing system and supersedes individual line items	SF	\$1.76	\$0.00	\$0.00	\$1.76
100664	Remove Flat Roofing System - Built-Up Membrane, Substrate / Protection Board Includes removal of membrane, insulation, substrate board, flashings, terminations and copings. This item is applicable to the complete removal of the roofing system and supersedes individual line items	SF	\$2.08	\$0.00	\$0.00	\$2.08
100665	Remove Flat Roofing System - Built-Up Membrane, Substrate / Protection Board, and Ballast Includes removal of membrane, insulation, substrate board, flashings, terminations, copings, and ballast. This item is applicable to the complete removal of the roofing system and supersedes individual line items.	SF	\$2.82	\$0.00	\$0.00	\$2.82
100666	Remove Flat Roofing System - Vegetated	SF	\$3.61	\$0.00	\$0.00	\$3.61
100667	Remove Roofing Ballast - Gravel	SF	\$1.01	\$0.00	\$0.00	\$1.01
100668	Remove Roofing Ballast - Pavers	SF	\$0.79	\$0.00	\$0.00	\$0.79

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		Units	Labor	Material	Equipment	Total
100669	Remove Roof Flashing / Trim - Sheet Metal	SF	\$1.07	\$0.00	\$0.00	\$1.07
100670	Remove Roof Flashing / Trim - Flexible	SF	\$1.07	\$0.00	\$0.00	\$1.07
100671	Remove Roof Coping	LF	\$3.65	\$0.00	\$0.00	\$3.65
100672	Remove Roof Counterflashing	SF	\$1.07	\$0.00	\$0.00	\$1.07
100673	Remove Roof Gravel Stop / Fascia	LF	\$3.00	\$0.00	\$0.00	\$3.00
100674	Remove Roof Expansion Joint	LF	\$9.03	\$0.00	\$0.00	\$9.03
100675	Remove Roof Ladder	LF	\$6.87	\$0.00	\$0.00	\$6.87
100676	Remove Roof Curb	LF	\$9.03	\$0.00	\$0.00	\$9.03
100677	Remove Roof Vent - Relief	SF	\$8.59	\$0.00	\$0.00	\$8.59
100678	Remove Roof Vent - Ridge	LF	\$4.51	\$0.00	\$0.00	\$4.51
100679	Remove Roof Vent - Smoke	SF	\$9.03	\$0.00	\$0.00	\$9.03
100680	Remove Roof Snow Guard	LF	\$2.25	\$0.00	\$0.00	\$2.25
100681	Remove Rainwater Gutter	LF	\$2.25	\$0.00	\$0.00	\$2.25
100682	Remove Rainwater Downspout	LF	\$2.25	\$0.00	\$0.00	\$2.25
100683	Remove Rainwater Scupper	EA	\$214.72	\$0.00	\$0.00	\$214.72
100684	Remove Rainwater Splash Block	EA	\$51.53	\$0.00	\$0.00	\$51.53
100685	Remove Roof Paver	SF	\$2.25	\$0.00	\$0.00	\$2.25
100686	Remove Skylight	SF	\$7.00	\$0.00	\$0.00	\$7.00
100687	Remove Skylight Protection	SF	\$4.51	\$0.00	\$0.00	\$4.51
100688	Remove Roof Hatch - Up To 4' X 4'	EA	\$225.02	\$0.00	\$0.00	\$225.02
100689	Remove Roof Hatch - Up To 4' X 6'	EA	\$337.52	\$0.00	\$0.00	\$337.52
100690	Remove Roof Hatch - Up To 4' X 8'	EA	\$337.52	\$0.00	\$0.00	\$337.52
100691	Remove Exterior Soffit	SF	\$4.51	\$0.00	\$0.00	\$4.51
100692	Remove Plywood Wall Sheathing	SF	\$0.59	\$0.00	\$0.00	\$0.59
100693	Transport and Disposal Of Removals / Debris – Up To 30 Miles	CY	\$15.04	\$1.33	\$8.75	\$25.12
100694	[Modifier] Hourly Rate For Transport and Disposal of Removals / Debris Over 30 Miles (Dump Truck, 12-14 CY or =) Quantity premium can be used when travel distance goes over 30 miles. Can be applied cumulatively to base line items.	HR	\$0.00	\$0.00	\$120.00	\$120.00
100695	Remove Flat Roofing System - Asbestos Built-Up Membrane Includes removal of membrane, insulation, flashings, terminations and copings. This item is applicable to the complete removal of the roofing system and supersedes individual line items	SF	\$1.76	\$0.00	\$0.00	\$1.76
100696	Remove Flat Roofing System - Asbestos Built-Up Membrane, Substrate / Protection Board Includes removal of membrane, insulation, substrate board, flashings, terminations and copings. This item is applicable to the complete removal of the roofing system and supersedes individual line items	SF	\$2.08	\$0.00	\$0.00	\$2.08

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		Units	Labor	Material	Equipment	Total
100697	Remove Flat Roofing System - Asbestos Built-Up Membrane, Substrate / Protection Board, and Ballast Includes removal of membrane, insulation, substrate board, flashings, terminations, copings, and ballast. This item is applicable to the complete removal of the roofing system and supersedes individual line items.	SF	\$2.82	\$0.00	\$0.00	\$2.82
02-41-22 Selective Interior Demolition						
<i>Unit pricing includes all labor, material, and equipment to safely remove material and transport it into an approved rubbish container, such as a dumpster, trailer, truck, etc. Hauling of demolished material can be selected at the end of each section</i>						
100698	Remove Partition - Brick	SF	\$3.00	\$0.00	\$0.00	\$3.00
100699	Remove Partition - CMU	SF	\$4.43	\$0.00	\$0.00	\$4.43
100700	Remove Partition - CMU (Reinforced)	SF	\$5.85	\$0.00	\$0.00	\$5.85
100701	Remove Partition - Firestopping	LF	\$4.51	\$0.00	\$0.00	\$4.51
100702	Remove Partition - Joint Sealant	LF	\$4.51	\$0.00	\$0.00	\$4.51
100703	Remove Partition - Expansion Control	LF	\$4.51	\$0.00	\$0.00	\$4.51
100704	Remove Partition - Interior Storefront	SF	\$3.46	\$0.00	\$0.00	\$3.46
100705	Remove Partition - Drywall and Stud	SF	\$2.25	\$0.00	\$0.00	\$2.25
100706	Remove Partition - Drywall Only	SF	\$1.00	\$0.00	\$0.00	\$1.00
100707	Remove Partition - Plaster and Stud	SF	\$2.71	\$0.00	\$0.00	\$2.71
100708	Remove Partition - Plaster Only	SF	\$1.21	\$0.00	\$0.00	\$1.21
100709	Remove Partition - Wire Mesh	SF	\$2.25	\$0.00	\$0.00	\$2.25
100710	Remove Partition - Demountable	SF	\$3.01	\$0.00	\$0.00	\$3.01
100711	Remove Partition - Portable	SF	\$1.51	\$0.00	\$0.00	\$1.51
100712	Remove Partition - Accordion Folding	SF	\$3.01	\$0.00	\$0.00	\$3.01
100713	Remove Partition - Coiling	SF	\$3.01	\$0.00	\$0.00	\$3.01
100714	Remove Partition - Folding Panel	SF	\$30.07	\$0.00	\$0.00	\$30.07
100715	Remove Partition - Sliding	SF	\$3.01	\$0.00	\$0.00	\$3.01
100716	Remove Partition - Grille / Screen	SF	\$2.25	\$0.00	\$0.00	\$2.25
100717	Remove Insulation – Batt	SF	\$0.53	\$0.00	\$0.00	\$0.53
100718	Remove Insulation – Rigid	SF	\$0.55	\$0.00	\$0.00	\$0.55
100719	Remove Insulation – Spray Foam	SF	\$0.85	\$0.00	\$0.00	\$0.85
100720	Remove Interior Window Includes Frame	SF	\$5.15	\$0.00	\$0.00	\$5.15
100721	Remove Surface Applied Window Tint - Up To 100 SF Removal by hot air gun, razor blade or solvent. Includes cleaning of existing surfaces	SF	\$4.75	\$0.00	\$0.00	\$4.75
100722	Remove Surface Applied Window Tint - Over 100 SF Removal by hot air gun, razor blade or solvent. Includes cleaning of existing surfaces	SF	\$2.85	\$0.00	\$0.00	\$2.85
100723	Remove Door Assembly - Interior Solid Door, Single Includes Frame and Hardware	EA	\$56.40	\$0.00	\$0.00	\$56.40

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		Units	Labor	Material	Equipment	Total
100724	Remove Door Assembly - Interior Solid Door, Double Includes Frame and Hardware	EA	\$69.40	\$0.00	\$0.00	\$69.40
100725	Remove Door Assembly - Interior Glass Door, Single Includes Frame and Hardware	EA	\$62.03	\$0.00	\$0.00	\$62.03
100726	Remove Door Assembly - Interior Glass Door, Double Includes Frame and Hardware	EA	\$76.35	\$0.00	\$0.00	\$76.35
100727	Remove Door Assembly - Interior Sliding Manual Includes Frame and Hardware	EA	\$279.37	\$0.00	\$0.00	\$279.37
100728	Remove Door Assembly - Interior Sliding Automatic Includes Frame and Hardware	EA	\$451.13	\$0.00	\$0.00	\$451.13
100729	Remove Door Assembly - Interior Access Includes Frame and Hardware	EA	\$28.20	\$0.00	\$0.00	\$28.20
100730	Remove Door Assembly - Interior Coiling Includes Frame and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100731	Remove Door Assembly - Interior Folding Includes Frame and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100732	Remove Door Assembly - Interior Sectional Overhead Includes Frame and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100733	Remove Grille Assembly - Interior Sliding Includes Frame and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100734	Remove Grille Assembly - Interior Coiling Includes Frame and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100735	Remove Grille Assembly - Interior Folding Includes Frame and Hardware	SF	\$6.01	\$0.00	\$0.00	\$6.01
100736	Remove Gate Assembly - Interior Single Includes Frame and Hardware	EA	\$62.03	\$0.00	\$0.00	\$62.03
100737	Remove Gate Assembly - Interior Double Includes Frame and Hardware	EA	\$76.35	\$0.00	\$0.00	\$76.35
100738	Remove Platform / Stage Floor	SF	\$6.01	\$0.00	\$0.00	\$6.01
100739	Remove Access Flooring	SF	\$4.51	\$0.00	\$0.00	\$4.51
100740	Remove Ceiling, Plaster – Includes Suspension System	SF	\$1.51	\$0.00	\$0.00	\$1.51
100741	Remove Ceiling, Drywall – Includes Suspension System	SF	\$1.29	\$0.00	\$0.00	\$1.29
100742	Remove Ceiling, Acoustical Ceiling Tile – Includes Grid and Suspension System	SF	\$0.94	\$0.00	\$0.00	\$0.94
100743	Remove Ceiling, Acoustical Ceiling Tile Only – Grid Remains	SF	\$0.64	\$0.00	\$0.00	\$0.64
100744	Remove Ceiling, Spline Ceiling – Includes Suspension System	SF	\$0.64	\$0.00	\$0.00	\$0.64
100745	Remove Ceiling, Wood – Includes Suspension System	SF	\$1.29	\$0.00	\$0.00	\$1.29
100746	Remove Ceiling, Metal – Includes Suspension System	SF	\$1.29	\$0.00	\$0.00	\$1.29
100747	Remove Railing	LF	\$22.55	\$0.00	\$0.00	\$22.55

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		Units	Labor	Material	Equipment	Total
100748	Remove Wall Railing	LF	\$11.28	\$0.00	\$0.00	\$11.28
100749	Remove Mirror / Markerboard / Chalkboard	SF	\$4.29	\$0.00	\$0.00	\$4.29
100750	Remove Interior Louver – Including Frame	SF	\$4.51	\$0.00	\$0.00	\$4.51
100751	Remove Visual Display Board	SF	\$3.44	\$0.00	\$0.00	\$3.44
100752	Remove Interior Signage – Directory	EA	\$56.40	\$0.00	\$0.00	\$56.40
100753	Remove Interior Signage – Wayfinding	EA	\$28.20	\$0.00	\$0.00	\$28.20
100754	Remove Interior Signage – Room Signage	EA	\$12.88	\$0.00	\$0.00	\$12.88
100755	Remove Toilet Compartment	EA	\$112.78	\$0.00	\$0.00	\$112.78
100756	Remove Urinal Screen	EA	\$45.11	\$0.00	\$0.00	\$45.11
100757	Remove Patient Bed Service Wall	EA	\$451.13	\$0.00	\$0.00	\$451.13
100758	Remove Corner Guard	EA	\$56.40	\$0.00	\$0.00	\$56.40
100759	Remove Bumper Guard	LF	\$18.04	\$0.00	\$0.00	\$18.04
100760	Remove Protective Wall Covering	SF	\$0.90	\$0.00	\$0.00	\$0.90
100761	Remove Door and Frame Protection	EA	\$45.11	\$0.00	\$0.00	\$45.11
100762	Remove Toilet Accessory	EA	\$28.20	\$0.00	\$0.00	\$28.20
100763	Remove Fireplace Or Stove	EA	\$451.13	\$0.00	\$0.00	\$451.13
100764	Remove Locker	EA	\$29.20	\$0.00	\$0.00	\$29.20
100765	Remove Locker Base	LF	\$28.20	\$0.00	\$0.00	\$28.20
100766	Remove Locker Room Bench and Post	LF	\$14.10	\$0.00	\$0.00	\$14.10
100767	Remove Central Mail Delivery Boxes	EA	\$18.04	\$0.00	\$0.00	\$18.04
100768	Remove Mail Collection Box	EA	\$112.78	\$0.00	\$0.00	\$112.78
100769	Remove Mailbox	EA	\$56.40	\$0.00	\$0.00	\$56.40
100770	Remove Parcel Locker	EA	\$112.78	\$0.00	\$0.00	\$112.78
100771	Remove Storage Shelving	LF	\$9.03	\$0.00	\$0.00	\$9.03
100772	Remove Storage Rack	EA	\$37.59	\$0.00	\$0.00	\$37.59
100773	Remove Coat Rack	EA	\$28.20	\$0.00	\$0.00	\$28.20
100774	Remove Closet / Utility Shelving	LF	\$9.03	\$0.00	\$0.00	\$9.03
100775	Remove Flag Or Banner	EA	\$28.20	\$0.00	\$0.00	\$28.20
100776	Remove Security Mirror	SF	\$4.29	\$0.00	\$0.00	\$4.29
100777	Remove Wall Paneling	SF	\$0.90	\$0.00	\$0.00	\$0.90
100778	Remove Flooring, Hard Tile	SF	\$4.09	\$0.00	\$0.00	\$4.09
100779	Remove Flooring, Masonry	SF	\$4.09	\$0.00	\$0.00	\$4.09
100780	Remove Flooring, Wood	SF	\$2.00	\$0.00	\$0.00	\$2.00
100781	Remove Flooring, Wood, Athletic	SF	\$2.00	\$0.00	\$0.00	\$2.00
100782	Remove Flooring, Resilient Sheet Includes removal of rubber or resilient base	SF	\$1.24	\$0.00	\$0.00	\$1.24
100783	Remove Flooring, Resilient Tile Includes removal of rubber or resilient base	SF	\$1.21	\$0.00	\$0.00	\$1.21
100784	Remove Flooring, Resilient, Athletic Includes removal of rubber or resilient base	SF	\$1.24	\$0.00	\$0.00	\$1.24
100785	Remove Flooring, Terrazzo	SF	\$4.09	\$0.00	\$0.00	\$4.09
100786	Remove Flooring, Fluid-Applied Includes removal integral base	SF	\$2.58	\$0.00	\$0.00	\$2.58
100787	Remove Flooring, Fluid-Applied, Athletic Includes removal integral base	SF	\$2.58	\$0.00	\$0.00	\$2.58

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		Units	Labor	Material	Equipment	Total
100788	Remove Flooring, Carpeting Includes removal of rubber or resilient base	SF	\$1.13	\$0.00	\$0.00	\$1.13
100789	Remove Flooring, Entrance Grill	SF	\$2.58	\$0.00	\$0.00	\$2.58
100790	Remove Tile/Terrazzo/Wood Wall Base Does not include wall prep/patching for new base	LF	\$1.36	\$0.00	\$0.00	\$1.36
100791	Remove Rubber/Resilient Wall Base, 4" or 6" Does not include wall prep/patching for new base	LF	\$0.58	\$0.00	\$0.00	\$0.58
100792	Remove Stair Tread Finish, Tile	LF	\$18.80	\$0.00	\$0.00	\$18.80
100793	Remove Stair Tread Finish, Masonry	LF	\$18.80	\$0.00	\$0.00	\$18.80
100794	Remove Stair Tread Finish, Wood	LF	\$12.88	\$0.00	\$0.00	\$12.88
100795	Remove Stair Tread Finish, Resilient	LF	\$6.87	\$0.00	\$0.00	\$6.87
100796	Remove Stair Tread Finish, Terrazzo	LF	\$18.80	\$0.00	\$0.00	\$18.80
100797	Remove Stair Tread Finish, Carpet	LF	\$6.87	\$0.00	\$0.00	\$6.87
100798	Remove Elevator Equipment and Controls	EA	\$9,022.74	\$0.00	\$0.00	\$9,022.74
100799	Remove Elevator, Freight, Cab	EA	\$4,962.46	\$0.00	\$0.00	\$4,962.46
100800	Remove Elevator, Passenger, Cab	EA	\$4,511.37	\$0.00	\$0.00	\$4,511.37
100801	Remove Elevator, Freight, Cab Door	EA	\$248.12	\$0.00	\$0.00	\$248.12
100802	Remove Elevator, Passenger, Cab Door	EA	\$225.57	\$0.00	\$0.00	\$225.57
100803	Remove Lift, Wheelchair	EA	\$902.28	\$0.00	\$0.00	\$902.28
100804	Remove Lift, Vehicle	EA	\$2,255.69	\$0.00	\$0.00	\$2,255.69
100805	Remove Escalator	EA	\$4,511.37	\$0.00	\$0.00	\$4,511.37
100806	Remove Dumbwaiter	EA	\$451.13	\$0.00	\$0.00	\$451.13
100807	Remove Moving Walk	SF	\$9.03	\$0.00	\$0.00	\$9.03
100808	Remove Crane	EA	\$1,804.55	\$0.00	\$0.00	\$1,804.55
100809	Remove Material / Personnel Hoist	EA	\$1,804.55	\$0.00	\$0.00	\$1,804.55
100810	Remove Chute, Laundry	LF	\$25.76	\$0.00	\$0.00	\$25.76
100811	Remove Chute, Trash	LF	\$25.76	\$0.00	\$0.00	\$25.76
100812	Remove Pneumatic Tube System	STOP	\$360.90	\$0.00	\$0.00	\$360.90
100813	Remove Equipment, Foodservice, Refrigerated Food Storage Case	EA	\$451.13	\$0.00	\$0.00	\$451.13
100814	Remove Equipment, Foodservice, Walk-In Cooler	SF	\$7.51	\$0.00	\$0.00	\$7.51
100815	Remove Equipment, Foodservice, Walk-In Freezer	SF	\$7.51	\$0.00	\$0.00	\$7.51
100816	Remove Equipment, Foodservice, Shelving	LF	\$7.05	\$0.00	\$0.00	\$7.05
100817	Remove Equipment, Foodservice, Commercial Range	EA	\$300.76	\$0.00	\$0.00	\$300.76
100818	Remove Equipment, Foodservice, Commercial Oven	EA	\$300.76	\$0.00	\$0.00	\$300.76
100819	Remove Equipment, Foodservice, Commercial Dishwasher	EA	\$300.76	\$0.00	\$0.00	\$300.76

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		Units	Labor	Material	Equipment	Total
100820	Remove Equipment, Audio-Visual, Projection Screen	EA	\$75.19	\$0.00	\$0.00	\$75.19
100821	Remove Equipment, Audio-Visual, Projector	EA	\$112.78	\$0.00	\$0.00	\$112.78
100822	Remove Equipment, Lab, Fume Hood	EA	\$300.76	\$0.00	\$0.00	\$300.76
100823	Remove Equipment, Lab, Incubator	EA	\$300.76	\$0.00	\$0.00	\$300.76
100824	Remove Equipment, Lab, Equipment Washer	EA	\$300.76	\$0.00	\$0.00	\$300.76
100825	Remove Equipment, Lab, Sterilizer	EA	\$300.76	\$0.00	\$0.00	\$300.76
100826	Remove Equipment, Lab, Refrigerator	EA	\$300.76	\$0.00	\$0.00	\$300.76
100827	Remove Equipment, Lab, Freezer	EA	\$300.76	\$0.00	\$0.00	\$300.76
100828	Remove Equipment, Lab, Cabinet, Environmental	EA	\$300.76	\$0.00	\$0.00	\$300.76
100829	Remove Equipment, Lab, Cabinet, Biological Safety	EA	\$300.76	\$0.00	\$0.00	\$300.76
100830	Remove Window Treatment	SF	\$2.15	\$0.00	\$0.00	\$2.15
100831	Remove Cabinet, Base	LF	\$22.55	\$0.00	\$0.00	\$22.55
100832	Remove Cabinet, Wall	LF	\$14.17	\$0.00	\$0.00	\$14.17
100833	Remove Shelving	LF	\$11.28	\$0.00	\$0.00	\$11.28
100834	Remove Display Case	LF	\$22.55	\$0.00	\$0.00	\$22.55
100835	Remove Cabinet, Countertop	SF	\$8.59	\$0.00	\$0.00	\$8.59
100836	Remove Seating, Fixed	SEAT	\$30.07	\$0.00	\$0.00	\$30.07
100837	Remove Seating, Bleacher	SEAT	\$22.55	\$0.00	\$0.00	\$22.55
100838	Remove Wall Tile Finish	SF	\$4.29	\$0.00	\$0.00	\$4.29
100839	Remove Wall Covering	SF	\$0.60	\$0.00	\$0.00	\$0.60
100840	Remove Wall Carpeting	SF	\$0.60	\$0.00	\$0.00	\$0.60
100841	Remove Wall Stone Facing	SF	\$4.29	\$0.00	\$0.00	\$4.29
100842	Remove Wall Acoustical Panel	SF	\$0.90	\$0.00	\$0.00	\$0.90
100843	Remove Wall Painting Or Coating	SF	\$0.45	\$0.00	\$0.00	\$0.45
100844	Remove Column Covers	SF	\$1.71	\$0.00	\$0.00	\$1.71
100845	Transport and Disposal Of Removals / Debris – Up To 30 Miles	CY	\$14.87	\$1.33	\$8.75	\$24.95
100846	[Modifier] Hourly Rate For Transport and Disposal of Removals / Debris Over 30 Miles (Dump Truck, 12-14 CY or =) Quantity premium can be used when travel distance goes over 30 miles. Can be applied cumulatively to base line items.	HR	\$0.00	\$0.00	\$120.00	\$120.00

02-60-00 Contaminated Site Material Removal

02-61-00 Removal and Disposal of Contaminated Soils

02-61-13 Excavation and Handling of Contaminated Material

Unit pricing includes all labor, material, and equipment to safely remove material and transport it into an approved rubbish container, such as a dumpster, trailer, truck, etc. Hauling of demolished material can be selected at the end of each section

100847	Excavate Contaminated Soils	CY	\$13.32	\$1.24	\$8.16	\$22.72
100848	Transport and Disposal Of Hazardous Materials – Up To 15 Miles	CY	\$86.51	\$7.95	\$52.50	\$146.96
100849	Transport and Disposal Of Hazardous Materials – 15 To 30 Miles	CY	\$108.89	\$9.54	\$63.00	\$181.43

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		Units	Labor	Material	Equipment	Total
100850	Transport and Disposal Of Hazardous Materials – Over 30 Miles	CY	\$123.84	\$10.34	\$68.25	\$202.43
02-80-00 Facility Remediation						
02-81-00 Transportation and Disposal of Hazardous Materials						
02-81-00 Transportation and Disposal of Hazardous Materials						
100851	Special Waste Disposal Container 30 CY Includes delivery and pickup. Up to 30 days	EA	\$0.00	\$1,590.00	\$0.00	\$1,590.00
02-82-00 Asbestos Remediation						
02-82-13 Asbestos Abatement						
<i>Unit pricing includes all labor, material, and equipment to prepare the work area, safely remove material, transport material into an approved special waste disposal container, and decontaminate/clean the work area. Hauling of demolished material can be selected at the end of each section.</i>						
100852	Individual Asbestos Containment Areas - Up to 100 SF Includes labor and material/decontamination equipment to set up and remove containment area.	EA	\$2,347.74	\$715.19	\$0.00	\$3,062.93
100853	Remove Asbestos, Tar On Porous Surfaces	SF	\$10.03	\$0.00	\$0.00	\$10.03
100854	Remove Asbestos, Tar On Smooth Surfaces	SF	\$7.43	\$0.00	\$0.00	\$7.43
100855	Remove Asbestos, Insulation, Tank	SF	\$15.04	\$0.00	\$0.00	\$15.04
100856	Remove Asbestos, Insulation, Boiler	SF	\$15.04	\$0.00	\$0.00	\$15.04
100857	Remove Asbestos, Insulation, Pipe	LF	\$18.04	\$0.00	\$0.00	\$18.04
100858	Remove Asbestos, Insulation, Pipe Fitting	EA	\$117.76	\$0.00	\$0.00	\$117.76
100859	Remove Asbestos, Insulation, Duct	SF	\$12.89	\$0.00	\$0.00	\$12.89
100860	Remove Asbestos, Duct Joint Sealant / Tape	EA	\$94.21	\$0.00	\$0.00	\$94.21
100861	Remove Asbestos, Shingle, Roofing	SF	\$5.23	\$0.00	\$0.00	\$5.23
100862	Remove Asbestos, Siding, Shingle / Board	SF	\$5.54	\$0.00	\$0.00	\$5.54
100863	Remove Asbestos, Roofing, Membrane	SF	\$5.01	\$0.00	\$0.00	\$5.01
100864	Remove Asbestos, Roofing, Flashing	SF	\$5.64	\$0.00	\$0.00	\$5.64
100865	Remove Asbestos, Roofing, Tar / Felt	SF	\$5.64	\$0.00	\$0.00	\$5.64
100866	Remove Asbestos, Spray On Fireproofing	SF	\$11.28	\$0.00	\$0.00	\$11.28
100867	Remove Asbestos, Caulk / Glazing Compound	LF	\$9.42	\$0.00	\$0.00	\$9.42
100868	Remove Asbestos, Ceiling, Suspended	SF	\$6.28	\$0.00	\$0.00	\$6.28
100869	Remove Asbestos, Ceiling, Concealed Grid	SF	\$6.73	\$0.00	\$0.00	\$6.73
100870	Remove Asbestos, Plaster / Drywall	SF	\$8.57	\$0.00	\$0.00	\$8.57

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		Units	Labor	Material	Equipment	Total
100871	Remove Asbestos, Textured Plaster Surface - Up To 4,000 SF Includes scraping, brushing, cleaning and bagging of removed materials	SF	\$20.10	\$3.15	\$0.00	\$23.25
100872	Remove Asbestos, Textured Plaster Surface - Over 4,000 SF Includes scraping, brushing, cleaning and bagging of removed materials	SF	\$15.93	\$2.50	\$0.00	\$18.43
100873	Remove Asbestos, Flooring, Tiles and Mastic	SF	\$4.72	\$0.00	\$0.00	\$4.72
100874	Remove Asbestos, Vapor Barrier	SF	\$3.14	\$0.00	\$0.00	\$3.14
100875	Remove Asbestos, Fabric	SF	\$3.37	\$0.00	\$0.00	\$3.37
100876	Remove Asbestos, Rubber/Resilient Wall Base	LF	\$4.09	\$0.00	\$0.00	\$4.09
100877	Remove Asbestos, Cabinet Base	SF	\$5.64	\$0.00	\$0.00	\$5.64
100878	Remove Asbestos, Fume Hood Lining	SF	\$11.28	\$0.00	\$0.00	\$11.28
100879	Remove Asbestos, Sink Undercoating	SF	\$9.03	\$0.00	\$0.00	\$9.03
100880	Remove Asbestos, Lab Countertop / Sink and Back Splash	SF	\$11.28	\$0.00	\$0.00	\$11.28
100881	Remove Asbestos, Elevator Brake Shoes and Elec. Panel	EA	\$902.28	\$0.00	\$0.00	\$902.28
100882	Encapsulate Asbestos, Tar On Porous Surfaces	SF	\$5.73	\$0.00	\$0.00	\$5.73
100883	Encapsulate Asbestos, Tar On Smooth Surfaces	SF	\$4.24	\$0.00	\$0.00	\$4.24
100884	Encapsulate Asbestos, Insulation, Tank	SF	\$8.59	\$0.00	\$0.00	\$8.59
100885	Encapsulate Asbestos, Insulation, Boiler	SF	\$8.59	\$0.00	\$0.00	\$8.59
100886	Encapsulate Asbestos, Insulation, Pipe	LF	\$10.32	\$0.00	\$0.00	\$10.32
100887	Encapsulate Asbestos, Insulation, Pipe Fitting	EA	\$67.29	\$0.00	\$0.00	\$67.29
100888	Encapsulate Asbestos, Insulation, Duct	SF	\$7.36	\$0.00	\$0.00	\$7.36
100889	Encapsulate Asbestos, Duct Joint Sealant / Tape	EA	\$53.83	\$0.00	\$0.00	\$53.83
100890	Encapsulate Asbestos, Shingle, Roofing	SF	\$2.99	\$0.00	\$0.00	\$2.99
100891	Encapsulate Asbestos, Siding, Shingle / Board	SF	\$3.16	\$0.00	\$0.00	\$3.16
100892	Encapsulate Asbestos, Roofing, Membrane	SF	\$2.86	\$0.00	\$0.00	\$2.86
100893	Encapsulate Asbestos, Roofing, Flashing	SF	\$3.22	\$0.00	\$0.00	\$3.22
100894	Encapsulate Asbestos, Roofing, Tar / Felt	SF	\$3.22	\$0.00	\$0.00	\$3.22
100895	Encapsulate Asbestos, Spray On Fireproofing	SF	\$6.44	\$0.00	\$0.00	\$6.44
100896	Encapsulate Asbestos, Caulk / Glazing Compound	LF	\$8.19	\$0.00	\$0.00	\$8.19
100897	Encapsulate Asbestos, Ceiling, Suspended	SF	\$3.59	\$0.00	\$0.00	\$3.59
100898	Encapsulate Asbestos, Ceiling, Concealed Grid	SF	\$3.84	\$0.00	\$0.00	\$3.84

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		Units	Labor	Material	Equipment	Total
100899	Encapsulate Asbestos, Plaster / Drywall	SF	\$4.90	\$0.00	\$0.00	\$4.90
100900	Encapsulate Asbestos, Flooring, Tiles and Mastic	SF	\$2.69	\$0.00	\$0.00	\$2.69
100901	Encapsulate Asbestos, Vapor Barrier	SF	\$1.79	\$0.00	\$0.00	\$1.79
100902	Encapsulate Asbestos, Fabric	SF	\$1.92	\$0.00	\$0.00	\$1.92
100903	Encapsulate Asbestos, Rubber/Resilient Wall Base	SF	\$2.35	\$0.00	\$0.00	\$2.35
100904	Encapsulate Asbestos, Cabinet Base	SF	\$3.22	\$0.00	\$0.00	\$3.22
100905	Encapsulate Asbestos, Fume Hood Lining	SF	\$6.44	\$0.00	\$0.00	\$6.44
100906	Encapsulate Asbestos, Sink Undercoating	SF	\$5.15	\$0.00	\$0.00	\$5.15
100907	Encapsulate Asbestos, Lab Countertop / Sink and Back Splash	SF	\$6.44	\$0.00	\$0.00	\$6.44
100908	Encapsulate Asbestos, Elevator Brake Shoes and Elec. Panel	EA	\$515.58	\$0.00	\$0.00	\$515.58
100909	[Modifier] Quantity Premium - Asbestos Abatement (101-500 SF) Quantity premium can be used when total square footage in section 02-82-13 Asbestos Abatement are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
100910	[Modifier] Quantity Premium - Asbestos Abatement (51-100 SF) Quantity premium can be used when total square footage in section 02-82-13 Asbestos Abatement are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
100911	[Modifier] Quantity Premium - Asbestos Abatement (< or = to 50 SF) Quantity premium can be used when total square footage in section 02-82-13 Asbestos Abatement are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
100912	Transport and Disposal Of Hazardous Materials – Up To 15 Miles	CY	\$86.51	\$7.95	\$52.50	\$146.96
100913	Transport and Disposal Of Hazardous Materials – 15 To 30 Miles	CY	\$108.89	\$9.54	\$63.00	\$181.43
100914	Transport and Disposal Of Hazardous Materials – Over 30 Miles	CY	\$123.84	\$10.34	\$68.25	\$202.43

02-83-00 Lead Remediation

Unit pricing includes all labor, material, and equipment to prepare the work area, safely remove material, transport material into an approved special waste disposal container, and decontaminate/clean the work area. Hauling of demolished material can be selected at the end of each section.

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		Units	Labor	Material	Equipment	Total
02-83-00 Lead Remediation						
<i>Unit pricing includes all labor, material, and equipment to prepare the work area, safely remove material, transport material into an approved special waste disposal container, and decontaminate/clean the work area. Hauling of demolished material can be selected at the end of each section.</i>						
100915	Remove Lead Paint – On Flooring	SF	\$6.73	\$0.00	\$0.00	\$6.73
100916	Remove Lead Paint, Interior, Ceiling / Soffit	SF	\$11.51	\$0.00	\$0.00	\$11.51
100917	Remove Lead Paint, Interior, Wall	SF	\$7.97	\$0.00	\$0.00	\$7.97
100918	Remove Lead Paint, Interior, Door	EA	\$259.07	\$0.00	\$0.00	\$259.07
100919	Remove Lead Paint, Interior, Window	SF	\$12.95	\$0.00	\$0.00	\$12.95
100920	Remove Lead Paint, Interior, Trim	LF	\$20.72	\$0.00	\$0.00	\$20.72
100921	Remove Lead Paint, Exterior, Ceiling / Soffit	SF	\$10.46	\$0.00	\$0.00	\$10.46
100922	Remove Lead Paint, Exterior, Wall - Heat Stripping Includes removal by heat stripping of wood siding, removal of flaking/cracked paint, lift equipment and disposal. Unit costs based on 528 sf	SF	\$15.28	\$7.98	\$0.00	\$23.26
100923	Remove Lead Paint, Exterior, Wall - Heat Stripping Includes removal by heat stripping of wood siding, lift equipment and disposal. Unit costs based on 1,792 sf	SF	\$17.65	\$9.23	\$2.09	\$28.97
100924	Remove Lead Paint, Exterior, Wall and Window Trim - Heat Stripping Includes removal by heat stripping of wood siding and window trim, lift equipment and disposal. Unit costs based on 794 sf	SF	\$45.88	\$23.94	\$4.72	\$74.54
100925	Remove Lead Paint, Exterior, Wall - Scrape and Sanding	SF	\$7.24	\$0.00	\$0.00	\$7.24
100926	Remove Lead Paint, Exterior, Door - Scrape and Sanding	EA	\$235.52	\$0.00	\$0.00	\$235.52
100927	Remove Lead Paint, Exterior, Window - Scrape and Sanding	SF	\$11.78	\$0.00	\$0.00	\$11.78
100928	Remove Lead Paint, Exterior, Trim - Scrape and Sanding	LF	\$18.84	\$0.00	\$0.00	\$18.84
100929	Remove Lead Paint, Pipe	LF	\$13.46	\$0.00	\$0.00	\$13.46
100930	Encapsulate Lead Paint -On Flooring	SF	\$2.99	\$0.00	\$0.00	\$2.99
100931	Encapsulate Lead Paint, Interior, Ceiling / Soffit	SF	\$5.12	\$0.00	\$0.00	\$5.12
100932	Encapsulate Lead Paint, Interior, Wall	SF	\$3.54	\$0.00	\$0.00	\$3.54
100933	Encapsulate Lead Paint, Interior, Door	EA	\$115.14	\$0.00	\$0.00	\$115.14
100934	Encapsulate Lead Paint, Interior, Window	SF	\$5.76	\$0.00	\$0.00	\$5.76
100935	Encapsulate Lead Paint, Interior, Trim	LF	\$9.21	\$0.00	\$0.00	\$9.21

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		Units	Labor	Material	Equipment	Total
100936	Encapsulate Lead Paint, Exterior, Ceiling / Soffit	SF	\$4.66	\$0.00	\$0.00	\$4.66
100937	Encapsulate Lead Paint, Exterior, Wall	SF	\$3.22	\$0.00	\$0.00	\$3.22
100938	Encapsulate Lead Paint, Exterior, Door	EA	\$104.67	\$0.00	\$0.00	\$104.67
100939	Encapsulate Lead Paint, Exterior, Window	SF	\$5.23	\$0.00	\$0.00	\$5.23
100940	Encapsulate Lead Paint, Exterior, Trim	LF	\$8.37	\$0.00	\$0.00	\$8.37
100941	Encapsulate Lead Paint, Pipe	LF	\$5.98	\$0.00	\$0.00	\$5.98
100942	[Modifier] Quantity Premium - Lead Abatement (101-500 SF) Quantity premium can be used when total square footage in section 02-83-13 Lead Abatement are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
100943	[Modifier] Quantity Premium - Lead Abatement (51-100 SF) Quantity premium can be used when total square footage in section 02-83-13 Lead Abatement are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
100944	[Modifier] Quantity Premium - Lead Abatement (< or = to 50 SF) Quantity premium can be used when total square footage in section 02-83-13 Lead Abatement are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
100945	Transport and Disposal Of Hazardous Materials – Up To 15 Miles	CY	\$86.51	\$7.95	\$52.50	\$146.96
100946	Transport and Disposal Of Hazardous Materials – 15 To 30 Miles	CY	\$108.89	\$9.54	\$63.00	\$181.43
100947	Transport and Disposal Of Hazardous Materials – Over 30 Miles	CY	\$123.84	\$10.34	\$68.25	\$202.43

02-84-00 Polychlorinate Biphenyl and Mercury Remediation

Unit pricing includes all labor, material, and equipment to prepare the work area, safely remove material, transport material into an approved special waste disposal container, and decontaminate/clean the work area. Hauling of demolished material can be selected at the end of each section.

02-84-00 Polychlorinate Biphenyl and Mercury Remediation

Unit pricing includes all labor, material, and equipment to prepare the work area, safely remove material, transport material into an approved special waste disposal container, and decontaminate/clean the work area. Hauling of demolished material can be selected at the end of each section.

100948	Remove PCB Penetration Sealant	EA	\$90.23	\$0.00	\$0.00	\$90.23
100949	Remove PCB Caulk – Non Porous Surface	LF	\$11.28	\$0.00	\$0.00	\$11.28
100950	Remove PCB Caulk – Porous Surface	LF	\$15.04	\$0.00	\$0.00	\$15.04
100951	Remove PCB Light Fixture Ballast	EA	\$64.41	\$0.00	\$0.00	\$64.41

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		Units	Labor	Material	Equipment	Total
100952	Abate Mercury, Floor Finish	SF	\$15.04	\$0.00	\$0.00	\$15.04
100953	[Modifier] Quantity Premium - Polychlorinate Biphenyl and Mercury Remediation (101-500 SF) Quantity premium can be used when total square footage in section 02-84-00 Polychlorinate Biphenyl and Mercury Remediation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
100954	[Modifier] Quantity Premium - Polychlorinate Biphenyl and Mercury Remediation (51-100 SF) Quantity premium can be used when total square footage in section 02-84-00 Polychlorinate Biphenyl and Mercury Remediation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
100955	[Modifier] Quantity Premium - Polychlorinate Biphenyl and Mercury Remediation (< or = to 50 SF) Quantity premium can be used when total square footage in section 02-84-00 Polychlorinate Biphenyl and Mercury Remediation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
100956	Transport and Disposal Of Hazardous Materials – Up To 15 Miles	CY	\$86.51	\$7.95	\$52.50	\$146.96
100957	Transport and Disposal Of Hazardous Materials – 15 To 30 Miles	CY	\$108.89	\$9.54	\$63.00	\$181.43
100958	Transport and Disposal Of Hazardous Materials – Over 30 Miles	CY	\$123.84	\$10.34	\$68.25	\$202.43

02-87-00 Biohazard Remediation

02-87-13 Mold Remediation

Unit pricing includes all labor, material, and equipment to prepare the work area, safely remove material, transport material into an approved special waste disposal container, and decontaminate/clean the work area. Hauling of demolished material can be selected at the end of each section.

100959	Mold Remediation – Flooring	SF	\$15.04	\$0.00	\$0.00	\$15.04
100960	Mold Remediation, Walls / Doors / Windows	SF	\$18.04	\$0.00	\$0.00	\$18.04
100961	Mold Remediation, Ceiling / Soffit	SF	\$22.55	\$0.00	\$0.00	\$22.55
100962	Mold Remediation, Counters / Cabinets	SF	\$22.55	\$0.00	\$0.00	\$22.55
100963	Mold Remediation, Ducts	SF	\$30.07	\$0.00	\$0.00	\$30.07

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		Units	Labor	Material	Equipment	Total
100964	[Modifier] Quantity Premium - Mold Remediation (101-500 SF) Quantity premium can be used when total square footage in section 02-87-13 Mold Remediation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
100965	[Modifier] Quantity Premium - Mold Remediation (51-100 SF) Quantity premium can be used when total square footage in section 02-87-13 Mold Remediation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
100966	[Modifier] Quantity Premium - Mold Remediation (< or = to 50 SF) Quantity premium can be used when total square footage in section 02-87-13 Mold Remediation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
100967	Transport and Disposal Of Hazardous Materials – Up To 15 Miles	CY	\$86.51	\$7.95	\$52.50	\$146.96
100968	Transport and Disposal Of Hazardous Materials – 15 To 30 Miles	CY	\$108.89	\$9.54	\$63.00	\$181.43
100969	Transport and Disposal Of Hazardous Materials – Over 30 Miles	CY	\$123.84	\$10.34	\$68.25	\$202.43

03-00-00 Concrete

03-00-00 Concrete

03-01-00 Maintenance of Concrete

Maintenance items in this category include complete removal of deteriorated concrete, with in kind repair and finish unless otherwise noted. Includes investigations and reporting, testing, layout, preparatory cleaning, final cleaning, and protections.

03-01-00 Maintenance of Concrete

Maintenance items in this category include complete removal of deteriorated concrete, with in kind repair and finish unless otherwise noted. Includes investigations and reporting, testing, layout, preparatory cleaning, final cleaning, and protections.

100970	Concrete Cleaning (< 50 SF) General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	EA	\$149.26	\$53.00	\$0.00	\$202.26
100971	Concrete Cleaning (< 50 SF) – Overhead Work General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	EA	\$187.94	\$53.00	\$0.00	\$240.94

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		Units	Labor	Material	Equipment	Total
100972	Concrete Cleaning (50 -100 SF) General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	EA	\$250.54	\$84.79	\$0.00	\$335.33
100973	Concrete Cleaning (50 -100 SF) – Overhead Work General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	EA	\$317.54	\$84.79	\$0.00	\$402.33
100974	Concrete Cleaning (101 – 200 SF) General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	EA	\$386.19	\$106.00	\$0.00	\$492.19
100975	Concrete Cleaning (101 – 200 SF) – Overhead Work General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	EA	\$491.82	\$106.00	\$0.00	\$597.82
100976	Concrete Cleaning (> 200 SF) General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	SF	\$1.06	\$0.43	\$0.00	\$1.49
100977	Concrete Cleaning (> 200 SF) – Overhead Work General cleaning to restore surfaces. Pre-cleaning incidental to concrete maintenance is included with the respective maintenance item	SF	\$1.30	\$0.43	\$0.00	\$1.73
100978	Concrete Resurfacing (Up To 1/4" Deep) Deterioration up to 1/4" deep. Remove unsound material, prepare edges and surfaces appropriate to resurfacing method	SF	\$66.38	\$31.80	\$0.00	\$98.18
100979	Concrete Resurfacing (Up To 1/4" Deep) – Overhead Work Deterioration up to 1/4" deep. Remove unsound material, prepare edges and surfaces appropriate to resurfacing method	SF	\$86.30	\$31.80	\$0.00	\$118.10
100980	Concrete Rehabilitation, Crack Repair, Spall, Epoxy Injection Pressurized injection. Prepare crack. Includes follow up to remove temporary installation accessories	LF	\$33.19	\$15.90	\$0.00	\$49.09

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		Units	Labor	Material	Equipment	Total
100981	Concrete Rehabilitation, Crack Repair, Spall, Epoxy Injection – Overhead Work Pressurized injection. Prepare crack. Includes follow up to remove temporary installation accessories	LF	\$43.15	\$15.90	\$0.00	\$59.05
100982	Concrete Rehabilitation, Crack Repair, Spall, Mortar Prepare crack appropriate to trowel and patch method	LF	\$26.55	\$12.73	\$0.00	\$39.28
100983	Concrete Rehabilitation, Crack Repair, Spall, Mortar – Overhead Work Prepare crack appropriate to trowel and patch method	LF	\$34.52	\$12.73	\$0.00	\$47.25
100984	Concrete Rehabilitation (1/4" To 1-1/2") Deterioration up to 1 1/2" deep with or without reinforcing exposure	SF	\$99.57	\$47.70	\$0.00	\$147.27
100985	Concrete Rehabilitation (1/4" To 1-1/2") – Overhead Work Deterioration up to 1 1/2" deep with or without reinforcing exposure	SF	\$129.43	\$47.70	\$0.00	\$177.13
100986	Concrete Joint Repair Removal of deteriorated field applied joints with full depth replacement	LF	\$90.23	\$159.01	\$0.00	\$249.24
100987	Concrete Joint Repair – Overhead Work Removal of deteriorated field applied joints with full depth replacement	LF	\$117.30	\$159.01	\$0.00	\$276.31
100988	[Modifier] For Spliced Replacement Of Rebar Add to concrete repair for replacing rebar that has deteriorated. Splice new reinforcing to existing reinforcing. Inclusive of all rebar sizes	LF	\$26.55	\$12.73	\$0.00	\$39.28
100989	[Modifier] For Additional 1" Depth Of Concrete Rehabilitation Item can be used when depth of rehabilitation is greater than 1-1/2"	SF	\$17.18	\$5.30	\$0.00	\$22.48

03-10-00 Concrete Forming and Accessories

03-11-00 Concrete Forming

03-11-13 Structural Cast-in-Place Concrete Forming

Cost items in this category include metal, wood, or preformed formwork. Cost includes chamfer strips, detail strips, blockouts, sleeves, and form ties

100990	Formwork To Install Wall Footings	SF	\$9.87	\$2.86	\$0.00	\$12.73
100991	Formwork To Install Spread Footings	SF	\$13.74	\$2.86	\$0.00	\$16.60
100992	Formwork To Install Pile Caps	SF	\$12.05	\$2.86	\$0.00	\$14.91
100993	Formwork To Install Foundation Wall	SF	\$11.10	\$2.86	\$0.00	\$13.96

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		Units	Labor	Material	Equipment	Total
100994	Formwork Exterior Cast-in-place (CIP) Wall	SF	\$9.44	\$2.86	\$0.00	\$12.30
100995	Formwork Interior Cast-in-place (CIP) Wall	SF	\$9.44	\$2.86	\$0.00	\$12.30
100996	Formwork To Install Pilaster	SF	\$13.55	\$2.86	\$0.00	\$16.41
100997	Formwork To Install Column Piers	SF	\$13.55	\$2.86	\$0.00	\$16.41
100998	Formwork To Install Columns	SF	\$13.55	\$2.86	\$0.00	\$16.41
100999	Formwork To Install Elevator Pit	SF	\$11.97	\$2.86	\$0.00	\$14.83
101000	Cast-in-place (CIP) Edge Formwork Square footage of edge formwork = linear feet of formwork x formwork height	SF	\$7.51	\$2.86	\$0.00	\$10.37
101001	Formwork To Install Elevated Slab	SF	\$10.40	\$2.86	\$0.00	\$13.26
101002	Formwork To Install Floor Drop Panel	SF	\$12.59	\$2.86	\$0.00	\$15.45
101003	Drop Panel Floor Edge Form Square footage of edge formwork = linear feet of formwork x formwork height	SF	\$9.72	\$2.86	\$0.00	\$12.58
101004	Cast-in-place (CIP) Roof Edge Formwork Square footage of edge formwork = linear feet of formwork x formwork height	SF	\$7.51	\$2.86	\$0.00	\$10.37
101005	Formwork To Install Roof Slab	SF	\$10.40	\$2.86	\$0.00	\$13.26
101006	Formwork To Install Roof Drop Panel	SF	\$12.59	\$2.86	\$0.00	\$15.45
101007	Drop Panel Roof Edge Formwork Square footage of edge formwork = linear feet of formwork x formwork height	SF	\$9.72	\$2.86	\$0.00	\$12.58
101008	Formwork To Install Pan Joist	SF	\$14.86	\$2.86	\$0.00	\$17.72
101009	Formwork To Install Floor Beams	SF	\$14.31	\$2.86	\$0.00	\$17.17
101010	Formwork To Install Roof Beams	SF	\$14.31	\$2.86	\$0.00	\$17.17
101011	Formwork To Install Grade Beams	SF	\$10.49	\$2.86	\$0.00	\$13.35
101012	Preformed Tube Formwork	SF	\$10.49	\$2.86	\$0.00	\$13.35
101013	Sidewalk Edge Formwork Square footage of edge formwork = linear feet of formwork x formwork height	SF	\$7.51	\$2.86	\$0.00	\$10.37
101014	Slab On Grade Edge Formwork Square footage of edge formwork = linear feet of formwork x formwork height	SF	\$7.51	\$2.86	\$0.00	\$10.37
03-11-16 Architectural Cast-in Place Concrete Forming						
101015	[Modifier] For Form Liner	SF	\$5.51	\$6.36	\$0.00	\$11.87
03-15-00 Concrete Accessories						
03-15-13 Waterstops						
101016	Strip Footer / Footing Waterstop Preformed flexible waterstops, pre-fabricated corners, transitions, and manufacturer's splicing accessories. Includes elastomeric, PVC, bentonite clay, and urethane waterstops	LF	\$3.84	\$10.18	\$0.00	\$14.02

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		Units	Labor	Material	Equipment	Total
101017	Foundation Wall Waterstop Preformed flexible waterstops, pre-fabricated corners, transitions, and manufacturer's splicing accessories. Includes elastomeric, PVC, bentonite clay, and urethane waterstops	LF	\$3.84	\$10.18	\$0.00	\$14.02
03-15-16 Concrete Construction Joints						
101018	Expansion Joint Filler Cost item includes, preformed, pourable, or gun applied. Vertical applications	LF	\$1.31	\$1.15	\$0.00	\$2.46
101019	Control Joint Filler Cost item includes, preformed, pourable, or gun applied. Horizontal applications	LF	\$1.31	\$1.15	\$0.00	\$2.46
03-15-19 Cast-In Concrete Anchors						
101020	Drill and Dowel To Existing Structure Includes all adhesives	EA	\$37.59	\$8.48	\$0.00	\$46.07
03-20-00 Concrete Reinforcing						
03-21-00 Reinforcement Bars						
03-21-00 Reinforcement Bars						
101021	Rebar Installed In Wall Footings	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101022	Rebar Installed In Spread Footings	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101023	Rebar Installed In Pile Caps	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101024	Rebar Installed In Foundation Wall	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101025	Rebar Installed In Exterior CIP Wall	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101026	Rebar Installed In Interior CIP Wall	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101027	Rebar Installed In Pilaster	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101028	Rebar Installed In Column Piers	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101029	Rebar Installed In Columns	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101030	Rebar Installed In Slab On Grade	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101031	Rebar Installed In Sidewalk	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101032	Rebar Mat Installed In Foundation	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101033	Rebar Installed In Elevator Pit	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101034	Rebar Installed In Elevated Slab	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101035	Rebar Installed In Floor Drop Panel	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101036	Rebar Installed In Roof Slab	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101037	Rebar Installed In Roof Drop Panel	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101038	Rebar Installed In Floor Beams	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101039	Rebar Installed In Vertical Curb	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101040	Rebar Installed In Roof Beams	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101041	Rebar Installed In Grade Beams	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
101042	[Modifier] For Epoxy Coated Rebar	TN	\$0.00	\$965.30	\$0.00	\$965.30
101043	[Modifier] For Galvanized Rebar Hot dipped galvanized	TN	\$0.00	\$585.03	\$0.00	\$585.03
101044	[Modifier] For Stainless Steel Rebar	TN	\$0.00	\$6,996.00	\$0.00	\$6,996.00

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		Units	Labor	Material	Equipment	Total
101045	[Modifier] Quantity Add For Rebar (< or = to 1 ton)	TN	\$321.03	\$125.07	\$0.00	\$446.10
101046	[Modifier] Quantity Add For Rebar (1.1 tons to 3 tons)	TN	\$163.24	\$62.53	\$0.00	\$225.77

03-22-00 Fabric and Grid Reinforcing

03-22-00 Fabric and Grid Reinforcing

101047	Welded Wire Fabric (W.W.F) Mesh Sidewalk / Pad	SF	\$0.95	\$0.95	\$0.00	\$1.90
101048	Welded Wire Fabric (W.W.F) Mesh Slab On Grade	SF	\$0.95	\$0.95	\$0.00	\$1.90
101049	Welded Wire Fabric (W.W.F) Mesh Floor Slab	SF	\$0.95	\$0.95	\$0.00	\$1.90
101050	Welded Wire Fabric (W.W.F) Mesh at Roof Slab	SF	\$0.95	\$0.95	\$0.00	\$1.90
101051	[Modifier] For Galvanized Welded Wire Fabric (W.W.F) Mesh Hot dipped galvanized	SF	\$0.00	\$0.38	\$0.00	\$0.38
101052	[Modifier] For Epoxy Coated Welded Wire Fabric (W.W.F) Mesh	SF	\$0.00	\$0.65	\$0.00	\$0.65
101053	[Modifier] For Stainless Steel Welded Wire Fabric (W.W.F) Mesh	SF	\$0.00	\$4.66	\$0.00	\$4.66

03-23-00 Stressed Tendon Reinforcing

03-23-00 Stressed Tendon Reinforcing

101054	Post Tension-Slab On Grade	TN	\$7,230.00	\$2,289.60	\$0.00	\$9,519.60
101055	Post Tension Tendons – Floor Slab	TN	\$7,230.00	\$2,289.60	\$0.00	\$9,519.60
101056	Post Tension Tendons – Roof Slab	TN	\$7,230.00	\$2,289.60	\$0.00	\$9,519.60
101057	Post Tension Tendons – Floor Beams	TN	\$7,230.00	\$2,289.60	\$0.00	\$9,519.60
101058	Post Tension Tendons – Roof Beams	TN	\$7,230.00	\$2,289.60	\$0.00	\$9,519.60

03-24-00 Fibrous Reinforcing

03-24-00 Fibrous Reinforcing

101059	Fiber Reinforcement-Slab On Grade Price based on fiber with a typical distribution of 24#/CY	LB	\$0.00	\$1.58	\$0.00	\$1.58
101060	Fiber Reinforcement-Floor Slab Price based on fiber with a typical distribution of 24#/CY	LB	\$0.00	\$1.58	\$0.00	\$1.58
101061	Fiber Reinforcement-Roof Slab Price based on fiber with a typical distribution of 24#/CY	LB	\$0.00	\$1.58	\$0.00	\$1.58

03-30-00 Cast-in-Place Concrete

Cast-in-place concrete is based on 2,500 PSI normal weight air entrained concrete. Baseline pricing is for concrete quantities greater than or equal to seven cubic yards.

03-31-00 Structural Concrete

03-31-13 Normalweight Structural Concrete

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		Units	Labor	Material	Equipment	Total
101062	Infill Structural Deck (< Or = To 10 SF) Cast structural, Precast or composite deck infill of existing construction. Metal deck, tie-in accessories, and formwork included	EA	\$1,516.99	\$795.00	\$0.00	\$2,311.99
101063	Normal Weight Fill at Metal Floor Deck	CY	\$72.78	\$172.31	\$0.00	\$245.09
101064	Infill Structural Deck (11-25 SF) Cast structural, Precast or composite deck infill of existing construction. Metal deck, tie-in accessories, and formwork included	EA	\$2,123.79	\$1,113.00	\$0.00	\$3,236.79
101065	Normal Weight Fill at Metal Roof Deck	CY	\$72.78	\$172.31	\$0.00	\$245.09
101066	Infill Structural Deck (26-50 SF) Cast structural, Precast or composite deck infill of existing construction. Metal deck, tie-in accessories, and formwork included	EA	\$3,033.99	\$1,590.00	\$0.00	\$4,623.99
101067	Infill Structural Deck (51-100 SF) Cast structural, Precast or composite deck infill of existing construction. Metal deck, tie-in accessories, and formwork included	EA	\$4,550.98	\$2,385.00	\$0.00	\$6,935.98
101068	Infill Structural Deck (101-500 SF) Cast structural, Precast or composite deck infill of existing construction. Metal deck, tie-in accessories, and formwork included. For areas > 500 SF select the individual line items	SF	\$42.48	\$22.26	\$0.00	\$64.74
101069	Infill Slab On Grade (< Or = To 10 SF) Includes full depth infill of cast in place flatwork. Formwork, repair of substrates and moisture barriers included. Matching finish	EA	\$606.80	\$318.00	\$0.00	\$924.80
101070	Infill Slab On Grade (11-25 SF) Includes full depth infill of cast in place flatwork. Formwork, repair of substrates and moisture barriers included. Matching finish	EA	\$910.19	\$476.99	\$0.00	\$1,387.18
101071	Infill Slab On Grade (26-50 SF) Includes full depth infill of cast in place flatwork. Formwork, repair of substrates and moisture barriers included. Matching finish	EA	\$1,213.60	\$636.00	\$0.00	\$1,849.60
101072	Infill Slab On Grade (51-100 SF) Includes full depth infill of cast in place flatwork. Formwork, repair of substrates and moisture barriers included. Matching finish	EA	\$1,516.99	\$795.00	\$0.00	\$2,311.99

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		Units	Labor	Material	Equipment	Total
101073	Infill Slab On Grade (101-500 SF) Includes full depth infill of cast in place flatwork. Formwork, repair of substrates and moisture barriers included. Matching finish. For areas > 500 SF select the individual line items	SF	\$12.13	\$6.36	\$0.00	\$18.49
101074	Concrete Wall Footings	CY	\$84.95	\$172.31	\$0.00	\$257.26
101075	Concrete Spread Footings	CY	\$93.41	\$172.31	\$0.00	\$265.72
101076	Concrete Pile Caps	CY	\$77.84	\$172.31	\$0.00	\$250.15
101077	Concrete Foundation Wall	CY	\$100.88	\$172.31	\$0.00	\$273.19
101078	Concrete Exterior Cast-in-place (CIP) Wall	CY	\$100.87	\$172.31	\$0.00	\$273.18
101079	Concrete Interior Cast-in-place (CIP) Wall	CY	\$100.87	\$172.31	\$0.00	\$273.18
101080	Concrete Pilaster	CY	\$151.09	\$172.31	\$0.00	\$323.40
101081	Concrete Column Piers	CY	\$151.09	\$172.31	\$0.00	\$323.40
101082	Concrete To Columns	CY	\$151.09	\$172.31	\$0.00	\$323.40
101083	Concrete Slab On Grade	CY	\$71.13	\$172.31	\$0.00	\$243.44
101084	Thickened Slab	LF	\$25.20	\$12.08	\$0.00	\$37.28
101085	Concrete Elevator Pit	CY	\$100.87	\$172.31	\$0.00	\$273.18
101086	Concrete Floor Slab	CY	\$118.24	\$172.31	\$0.00	\$290.55
101087	Concrete Roof Slab	CY	\$118.24	\$172.31	\$0.00	\$290.55
101088	Concrete Floor Drop Panel	CY	\$118.24	\$172.31	\$0.00	\$290.55
101089	Concrete Roof Drop Panel	CY	\$118.24	\$172.31	\$0.00	\$290.55
101090	Concrete To Floor Beam	CY	\$148.66	\$172.31	\$0.00	\$320.97
101091	Concrete To Roof Beam	CY	\$148.66	\$172.31	\$0.00	\$320.97
101092	Concrete Grade Beams	CY	\$74.08	\$172.31	\$0.00	\$246.39
101093	Concrete Floor Topping	CY	\$311.98	\$216.88	\$0.00	\$528.86
101094	Concrete Roof Topping	CY	\$311.98	\$216.88	\$0.00	\$528.86
101095	Cast-in-place (CIP) Exterior Stairs – On Grade Cost item includes formwork, reinforcement, and cast in place concrete	LF	\$126.75	\$58.06	\$0.00	\$184.81
101096	Cast-in-place (CIP) Interior Stairs – On Grade Cost item includes formwork, reinforcement, and cast in place concrete	LF	\$126.75	\$58.06	\$0.00	\$184.81
101097	Cast-in-place (CIP) Interior Stairs – Elevated Cost item includes formwork, reinforcement, and cast in place concrete	LF	\$130.03	\$62.53	\$0.00	\$192.56
101098	Cast-in-place (CIP) Interior Stair Landings Cost item includes formwork, reinforcement, and cast in place concrete	SF	\$119.34	\$84.31	\$0.00	\$203.65
101099	Equipment Pads – Floor (Up To 8" Thick) Cost item includes formwork, reinforcement, and cast in place concrete	SF	\$18.96	\$9.54	\$0.00	\$28.50
101100	Equipment Pads – Roof (Up to 8" Thick) Cost item includes formwork, reinforcement, and cast in place concrete	SF	\$24.38	\$9.54	\$0.00	\$33.92

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		Units	Labor	Material	Equipment	Total
101101	[Modifier] 2,500 PSI to 3,000 PSI Concrete	CY	\$0.00	\$3.71	\$0.00	\$3.71
101102	[Modifier] 2,500 PSI to 3,500 PSI Concrete	CY	\$0.00	\$5.08	\$0.00	\$5.08
101103	[Modifier] 2,500 PSI to 4,000 PSI Concrete	CY	\$0.00	\$8.90	\$0.00	\$8.90
101104	[Modifier] 2,500 PSI to 4,500 PSI Concrete	CY	\$0.00	\$13.99	\$0.00	\$13.99
101105	[Modifier] 2,500 PSI to 5,000 PSI Concrete	CY	\$0.00	\$19.08	\$0.00	\$19.08
101106	[Modifier] Quantity Premium - Concrete (4-6 CY) This line item can be used if the total cubic yardage of structural concrete falls within 4-6 cubic yards. It Can be applied cumulatively to applicable line items. No premium for INFILL line items	LS	\$433.42	\$1,060.01	\$0.00	\$1,493.43
101107	[Modifier] Quantity Premium - Concrete (< Or = To 3 CY) This line item can be used if the total cubic yardage of structural concrete is less than or equal to 3 cubic yards. It Can be applied cumulatively to applicable line items. No premium for INFILL line items	LS	\$866.85	\$1,060.01	\$0.00	\$1,926.86
101108	[Modifier] For Integral Color Concrete Includes truck wash out	CY	\$0.00	\$12.73	\$0.00	\$12.73
101109	[Modifier] For Non Chloride Accelerator – Up to 1%	CY	\$0.00	\$9.75	\$0.00	\$9.75
101110	[Modifier] For Non Chloride Accelerator – Up to 2%	CY	\$0.00	\$19.50	\$0.00	\$19.50
101111	[Modifier] For Non Chloride Accelerator – Up to 3%	CY	\$0.00	\$29.26	\$0.00	\$29.26
101112	[Modifier] For Retarder – Up to 2.5 OZ / CWT	CY	\$0.00	\$6.70	\$0.00	\$6.70
101113	[Modifier] For Mid Range Water Reducer	CY	\$0.00	\$6.10	\$0.00	\$6.10
101114	[Modifier] For High Range Water Reducer	CY	\$0.00	\$9.75	\$0.00	\$9.75
101115	[Modifier] Cold Weather Curing Blankets R-Value up to 2.8. Includes installation and removal	SF	\$0.54	\$1.06	\$0.00	\$1.60
101116	[Modifier] For Pumping (> Or = To 7 CY) Includes Pump Prime	CY	\$8.38	\$0.00	\$0.00	\$8.38
101117	[Modifier] For Pumping (4-6 CY) Includes Pump Prime	CY	\$24.66	\$0.00	\$0.00	\$24.66
101118	[Modifier] For Pumping (< Or = To 3 CY) Includes Pump Prime	CY	\$49.30	\$0.00	\$0.00	\$49.30
03-31-16 Lightweight Structural Concrete						
101119	Light Weight Fill at Metal Floor Deck	CY	\$72.78	\$219.82	\$0.00	\$292.60

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		Units	Labor	Material	Equipment	Total
101120	Light Weight Fill at Metal Roof Deck	CY	\$72.78	\$219.82	\$0.00	\$292.60
03-35-00 Concrete Finishing						
03-35-23 Exposed Aggregate Concrete Finishing						
101121	Exposed Aggregate Finish	SF	\$2.31	\$0.44	\$0.00	\$2.75
03-35-29 Tooled Concrete Finishing						
101122	Sawcut Concrete Control Joint	LF	\$1.21	\$0.38	\$0.00	\$1.59
101123	Finish Concrete Slab – Broom Finish Or Equal	SF	\$0.97	\$0.00	\$0.00	\$0.97
101124	Finish Elevated Slab – Broom Finish Or Equal	SF	\$0.97	\$0.00	\$0.00	\$0.97
101125	Finish Roof Slab – Broom Finish Or Equal	SF	\$0.97	\$0.00	\$0.00	\$0.97
101126	Finish Metal Pan Stair – Broom Finish Or Equal	SF	\$0.97	\$0.00	\$0.00	\$0.97
101127	Finish Concrete Slab – Smooth Trowel Finish Or Equal	SF	\$1.39	\$0.00	\$0.00	\$1.39
101128	Finish Elevated Slab – Smooth Trowel Finish Or Equal	SF	\$1.40	\$0.00	\$0.00	\$1.40
101129	Finish Roof Slab – Smooth Trowel Finish Or Equal	SF	\$1.40	\$0.00	\$0.00	\$1.40
101130	Finish Metal Pan Stair – Smooth Trowel Finish Or Equal	SF	\$1.39	\$0.00	\$0.00	\$1.39
101131	Rub Exposed Concrete	SF	\$2.02	\$0.20	\$0.00	\$2.22
101132	Slip Resistant Treatment Broadcast Metallic abrasive particles added to concrete finish	SF	\$1.00	\$1.06	\$0.00	\$2.06
101133	Glass Aggregate Finish Broadcast glass aggregate added to concrete finish	SF	\$1.16	\$2.12	\$0.00	\$3.28
101134	Salt Finish	SF	\$1.16	\$0.79	\$0.00	\$1.95
101135	Stained Concrete Finish (1 Color)-Shake On - Trowel In Includes follow up seal coat	SF	\$2.09	\$1.33	\$0.00	\$3.42
101136	Stained Concrete Finish (2 Color)-Shake On - Trowel In Includes follow up seal coat	SF	\$2.62	\$2.12	\$0.00	\$4.74
03-35-33 Stamped Concrete Finishing						
101137	Stamped Concrete Finish Includes follow up seal coat	SF	\$3.48	\$2.12	\$0.00	\$5.60
101138	Stamped Concrete Finish – Shake On Color Includes follow up seal coat	SF	\$4.19	\$3.18	\$0.00	\$7.37
03-35-43 Polished Concrete Finishing						
101139	Polished Concrete Finish Includes grinding, edging, densifiers, and cleaning. Cost includes two passes	SF	\$4.34	\$2.12	\$0.00	\$6.46
101140	Polished Concrete Finish With Color Includes grinding, edging, densifiers, and cleaning. Cost includes two passes	SF	\$5.20	\$3.18	\$0.00	\$8.38
101141	[Modifier] For Greater Than Two Passes	SF	\$1.52	\$0.27	\$0.00	\$1.79
03-35-46 Concrete Topical Treatments						

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		Units	Labor	Material	Equipment	Total
101142	Concrete Sealer Chemically reactive or penetrating sealers	SF	\$0.98	\$0.52	\$0.00	\$1.50
101143	[Modifier] For Waterproofing Admixture Includes both hydrostatic and non-hydrostatic applications	CY	\$0.00	\$79.50	\$0.00	\$79.50

03-37-00 Specialty Placed Concrete

03-37-00 Specialty Placed Concrete

101144	Gunite / Shotcrete with Fiber-1" thick	SF	\$2.02	\$0.83	\$0.00	\$2.85
101145	Gunite / Shotcrete with Fiber-2" thick	SF	\$3.93	\$1.61	\$0.00	\$5.54
101146	Gunite / Shotcrete with Fiber-3" thick	SF	\$4.84	\$1.97	\$0.00	\$6.81
101147	Gunite / Shotcrete with Fiber-4" thick	SF	\$5.76	\$2.34	\$0.00	\$8.10
101148	Gunite / Shotcrete with Welded Wire Fabric (W.W.F) Mesh-1" thick	SF	\$2.48	\$1.30	\$0.00	\$3.78
101149	Gunite / Shotcrete with Welded Wire Fabric (W.W.F) Mesh-2" thick	SF	\$4.28	\$2.24	\$0.00	\$6.52
101150	Gunite / Shotcrete with Welded Wire Fabric (W.W.F) Mesh-3" thick	SF	\$5.12	\$2.68	\$0.00	\$7.80
101151	Gunite / Shotcrete with Welded Wire Fabric (W.W.F) Mesh-4" thick	SF	\$5.97	\$3.13	\$0.00	\$9.10
101152	Gunite / Shotcrete with Welded Wire Fabric (W.W.F) Mesh-6" thick	SF	\$9.14	\$5.00	\$0.00	\$14.14
101153	Gunite / Shotcrete with Rebar-1" thick	SF	\$3.04	\$1.58	\$0.00	\$4.62
101154	Gunite / Shotcrete with Rebar-2" thick	SF	\$4.82	\$2.54	\$0.00	\$7.36
101155	Gunite / Shotcrete with Rebar-3" thick	SF	\$5.67	\$2.97	\$0.00	\$8.64
101156	Gunite / Shotcrete with Rebar-4" thick	SF	\$6.52	\$3.41	\$0.00	\$9.93
101157	[Modifier] Small Quantity of Gunite / Shotcrete <200 SF	SF	\$5.23	\$0.00	\$0.00	\$5.23

03-39-00 Concrete Curing

*Protections from excess water, stains and damage by use of film forming or penetrating curing compounds and temporary cover.
Includes wet curing*

03-39-00 Concrete Curing

*Protections from excess water, stains and damage by use of film forming or penetrating curing compounds and temporary cover.
Includes wet curing*

101158	Cure and Protect Concrete	SF	\$0.26	\$0.16	\$0.00	\$0.42
101159	Cure and Protect Conc To Stairs	SF	\$0.41	\$0.35	\$0.00	\$0.76

03-40-00 Precast Concrete

03-41-00 Precast Structural Concrete

*Shop fabricated concrete components, reinforcing to suit requirements. Includes fabricator engineering and compliance certification.
Items in this section are Pre-Stressed or Post Tensioned unless noted otherwise*

03-41-00 Precast Structural Concrete

*Shop fabricated concrete components, reinforcing to suit requirements. Includes fabricator engineering and compliance certification.
Items in this section are Pre-Stressed or Post Tensioned unless noted otherwise*

101160	Precast Floor Beams	LF	\$49.07	\$118.95	\$0.00	\$168.02
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		Units	Labor	Material	Equipment	Total
101161	Precast Roof Beams	LF	\$49.07	\$118.95	\$0.00	\$168.02
101162	Precast Concrete Floor Plank 4"	SF	\$10.74	\$5.94	\$0.00	\$16.68
101163	Precast Concrete Floor Plank 6"	SF	\$11.38	\$7.42	\$0.00	\$18.80
101164	Precast Concrete Floor Plank 8"	SF	\$11.38	\$8.90	\$0.00	\$20.28
101165	Precast Concrete Floor Plank 10"	SF	\$14.86	\$7.42	\$0.00	\$22.28
101166	Precast Concrete Floor Plank 12"	SF	\$14.86	\$13.36	\$0.00	\$28.22
101167	Precast Concrete Roof Plank 4"	SF	\$10.74	\$5.94	\$0.00	\$16.68
101168	Precast Concrete Roof Plank 6"	SF	\$11.38	\$7.42	\$0.00	\$18.80
101169	Precast Concrete Roof Plank 8"	SF	\$11.38	\$8.90	\$0.00	\$20.28
101170	Precast Concrete Roof Plank 10"	SF	\$14.86	\$7.42	\$0.00	\$22.28
101171	Precast Concrete Roof Plank 12"	SF	\$14.86	\$13.36	\$0.00	\$28.22
101172	Pre-Cast Foundation Wall System Advanced Concrete Systems/XI+; Superior Wall Systems or equal	SF	\$0.79	\$17.77	\$1.15	\$19.71
101173	Precast Columns	LF	\$41.92	\$171.72	\$0.00	\$213.64
101174	Precast Structural Wall Panel	SF	\$18.86	\$44.94	\$0.00	\$63.80
101175	Precast Seating Riser and Tread (LF) Precast "L" shaped tread and riser. Tread = 35", Riser = 17", Thickness = 6".	LF	\$20.78	\$162.18	\$0.00	\$182.96
101176	Precast Lintel	LF	\$12.37	\$41.34	\$0.00	\$53.71
101177	Precast Double-T Floor Beams	LF	\$7.54	\$86.91	\$0.00	\$94.45
101178	Precast Inverted-T Floor Beams	LF	\$10.06	\$121.90	\$0.00	\$131.96
101179	Precast L-Shaped Floor Beams	LF	\$10.06	\$106.00	\$0.00	\$116.06
101180	Precast Rectangular Floor Beams	LF	\$9.00	\$143.10	\$0.00	\$152.10
101181	Precast T-Shaped Floor Beams	LF	\$9.00	\$238.50	\$0.00	\$247.50
101182	Precast Double-T Roof Beams	LF	\$7.54	\$86.91	\$0.00	\$94.45
101183	Precast Inverted-T Roof Beams	LF	\$10.06	\$121.90	\$0.00	\$131.96
101184	Precast L-Shaped Roof Beams	LF	\$10.06	\$106.00	\$0.00	\$116.06
101185	Precast Rectangular Roof Beams	LF	\$9.00	\$143.10	\$0.00	\$152.10
101186	Precast T-Shaped Roof Beams	LF	\$9.00	\$238.50	\$0.00	\$247.50
101187	Metal Edge Conc Floor Plank	SF	\$8.49	\$7.20	\$0.00	\$15.69
101188	Metal Edge Conc Roof Plank	SF	\$8.49	\$7.20	\$0.00	\$15.69

03-45-00 Precast Architectural Concrete

Shop fabricated concrete components with integral color, smooth face, and reinforcing to suit requirements. Includes fabricator engineering and compliance certification

03-45-00 Precast Architectural Concrete

Shop fabricated concrete components with integral color, smooth face, and reinforcing to suit requirements. Includes fabricator engineering and compliance certification

101189	Precast Wall Panel w/ 2" Insulation 10" Precast sandwich panel (4" Precast, 2" Rigid Insulation, 4" Precast) - Smooth face	SF	\$20.41	\$41.43	\$0.00	\$61.84
101190	Precast Wall Panel 6" Architectural precast wall panel - Smooth face	SF	\$18.86	\$39.64	\$0.00	\$58.50
101191	Precast Wall Panel High Articulation 6" Architectural precast wall panel - Smooth face	SF	\$20.41	\$63.14	\$0.00	\$83.55
101192	Precast Wall Panel Interior 6" Architectural precast wall panel - Smooth face	SF	\$18.86	\$39.64	\$0.00	\$58.50
101193	Precast Concrete Banding	LF	\$12.37	\$41.34	\$0.00	\$53.71
101194	Precast Coping	LF	\$12.37	\$41.34	\$0.00	\$53.71

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		Units	Labor	Material	Equipment	Total
101195	Precast Sill	LF	\$12.37	\$41.34	\$0.00	\$53.71
101196	Precast Header	LF	\$12.37	\$41.34	\$0.00	\$53.71
101197	Precast Corbel	EA	\$230.45	\$424.00	\$0.00	\$654.45
101198	Precast Column Cap Or Base	EA	\$230.45	\$556.50	\$0.00	\$786.95
101199	Precast Railing Includes top rail, bottom rail, and balusters	LF	\$134.63	\$476.99	\$0.00	\$611.62
101200	Precast Cap at Site Wall - Up to 2' Wide	LF	\$12.37	\$41.34	\$0.00	\$53.71
101201	Precast Splash Block	EA	\$8.65	\$48.76	\$0.00	\$57.41
101202	[Modifier] For Stainless Steel Clips	SF	\$0.00	\$1.85	\$0.00	\$1.85
101203	[Modifier] For Exposed Face Textures / Reveals	SF	\$0.00	\$5.30	\$0.00	\$5.30
101204	Infill Precast Wall Panel (< Or = 10 SF) Includes labor material and small tools for infilling a precast wall panel. Includes matching depth and finish, all anchors and supports	EA	\$1,804.20	\$795.00	\$0.00	\$2,599.20
101205	Infill Precast Wall Panel (11-25 SF) Includes labor material and small tools for infilling a precast wall panel. Includes matching depth and finish, all anchors and supports	EA	\$2,525.88	\$1,113.00	\$0.00	\$3,638.88
101206	Infill Precast Wall Panel (26-50 SF) Includes labor material and small tools for infilling a precast wall panel. Includes matching depth and finish, all anchors and supports	EA	\$3,608.39	\$1,590.00	\$0.00	\$5,198.39
101207	Infill Precast Wall Panel (51-100 SF) Includes labor material and small tools for infilling a precast wall panel. Includes matching depth and finish, all anchors and supports	EA	\$5,412.61	\$2,385.00	\$0.00	\$7,797.61
101208	Infill Precast Wall Panel (101-300 SF) Includes labor material and small tools for infilling a precast wall panel. Includes matching depth and finish, all anchors and supports. For areas > 300 SF select the individual line items	SF	\$50.52	\$22.26	\$0.00	\$72.78
03-47-00 Site-Cast Concrete						
03-47-13 Tilt-Up Concrete						
101209	Concrete Tilt-Up	SF	\$18.56	\$28.62	\$0.00	\$47.18
03-49-00 Glass-Fiber-Reinforced Concrete						
03-49-00 Glass-Fiber-Reinforced Concrete						
101210	Glass Fiber Reinforced Concrete (GFRC)	SF	\$5.86	\$17.33	\$0.00	\$23.19

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		Units	Labor	Material	Equipment	Total
101211	Glass Fiber Reinforced Concrete (GFRC) Banding	LF	\$10.46	\$23.86	\$0.00	\$34.32
101212	Glass Fiber Reinforced Concrete (GFRC) Coping	LF	\$10.46	\$23.86	\$0.00	\$34.32
101213	Glass Fiber Reinforced Concrete (GFRC) Sill	LF	\$10.46	\$23.86	\$0.00	\$34.32
101214	Glass Fiber Reinforced Concrete (GFRC) Header	LF	\$10.46	\$23.86	\$0.00	\$34.32
101215	Glass Fiber Reinforced Concrete (GFRC) Corbel	EA	\$174.43	\$265.00	\$0.00	\$439.43
101216	Glass Fiber Reinforced Concrete (GFRC) Railing Includes top rail, bottom rail, and balusters	LF	\$87.22	\$265.00	\$0.00	\$352.22
101217	Glass Fiber Reinforced Concrete (GFRC) Column Cap Or Base	EA	\$108.34	\$424.00	\$0.00	\$532.34
101218	Glass Fiber Reinforced Concrete (GFRC) Cap at Site Wall	LF	\$10.46	\$23.86	\$0.00	\$34.32
03-50-00 Cast Decks and Underlayment						
03-54-00 Cast Underlayment						
03-54-00 Cast Underlayment						
101219	Self Leveling Underlayment – 1/8" Cementitious based	SF	\$1.30	\$2.04	\$0.00	\$3.34
101220	Thick Set Underlayment Cementitious based	SF	\$3.90	\$3.67	\$0.00	\$7.57
03-60-00 Grouting						
03-62-00 Non-Shrink Grouting						
03-62-00 Non-Shrink Grouting						
101221	Grout Steel Base Plates	EA	\$108.35	\$19.08	\$0.00	\$127.43
03-80-00 Concrete Cutting and Boring						
03-82-00 Concrete Boring						
03-82-13 Concrete Core Drilling						
101222	2" Diameter and Down Floor Core Drill - Up to 6" Deep (Each)	EA	\$54.16	\$17.52	\$0.00	\$71.68
101223	[Modifier] 2" Diameter and Down Floor Core Drill - Over 6" Deep (Per Inch)	IN	\$10.78	\$3.49	\$0.00	\$14.27
101224	[Modifier] 2" Diameter and Down Wall Core Drill (Per Inch) Per Total Drilled Inch	IN	\$2.69	\$0.87	\$0.00	\$3.56
101225	2-1/2" to 6" Diameter Floor Core Drill - Up to 6" Deep (Each)	EA	\$91.85	\$29.71	\$0.00	\$121.56
101226	[Modifier] 2-1/2" to 6" Diameter Floor Core Drill - Over 6" Deep (Per Inch)	IN	\$13.71	\$4.44	\$0.00	\$18.15
101227	[Modifier] 2-1/2" to 6" Diameter Wall Core Drill (Per Inch) Per Total Drilled Inch	IN	\$3.43	\$1.11	\$0.00	\$4.54
101228	8" to 12" Diameter Floor Core Drill - Up to 6" Deep (Each)	EA	\$144.84	\$46.83	\$0.00	\$191.67
101229	[Modifier] 8" to 12" Diameter Floor Core Drill - Over 6" Deep (Per Inch)	IN	\$27.08	\$8.75	\$0.00	\$35.83
	Per Drilled Inch Over 6" Deep					

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		Units	Labor	Material	Equipment	Total
101230	[Modifier] 8" to 12" Diameter Wall Core Drill (Per Inch) Per Total Drilled Inch	IN	\$6.77	\$2.19	\$0.00	\$8.96

04-00-00 Masonry

The entire Masonry section estimating base costs are for 60 Wall Square Feet (SF) or more of continuous work. Any masonry scope less than 60 SF is considered a masonry infill and will receive a lump sum cost per occurrence

04-00-00 Masonry

The entire Masonry section estimating base costs are for 60 Wall Square Feet (SF) or more of continuous work. Any masonry scope less than 60 SF is considered a masonry infill and will receive a lump sum cost per occurrence

04-01-00 Maintenance of Masonry

The Maintenance of Masonry section estimating base costs are for 200 Wall Square Feet or more. Any continuous cleaning scope that is less than 200 SF is considered spot cleaning and will receive a lump sum cost per occurrence. Includes all cleaning material including but not limited to acid-detergents, water, abrasives, and any application tools required. Includes required presoaking and cleanup.

04-01-20 Maintenance of Unit Masonry

101231	Masonry Infill (2 SF or Less) Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$921.85	\$318.00	\$0.00	\$1,239.85
101232	Masonry Infill (2 SF or Less) – Historical Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$2,304.62	\$636.00	\$0.00	\$2,940.62
101233	Masonry Infill (3 – 10 SF) Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$1,751.37	\$636.00	\$0.00	\$2,387.37
101234	Masonry Infill (3 – 10 SF) – Historical Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$4,378.41	\$1,272.00	\$0.00	\$5,650.41
101235	Masonry Infill (11 – 30 SF) Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$2,672.68	\$954.00	\$0.00	\$3,626.68
101236	Masonry Infill (11 – 30 SF) – Historical Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$6,681.70	\$1,908.00	\$0.00	\$8,589.70
101237	Masonry Infill (31 – 59 SF) Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$3,503.87	\$1,335.60	\$0.00	\$4,839.47

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101238	Masonry Infill (31 – 59 SF) – Historical Includes all masonry materials used for infilling or replacement including but not limited to clay, concrete, glass, adobe, stone, refractory or manufactured	EA	\$8,759.66	\$2,671.19	\$0.00	\$11,430.85
101239	Spot Masonry Cleaning (< 50 SF)	EA	\$161.59	\$53.00	\$0.00	\$214.59
101240	Spot Masonry Cleaning (< 50 SF) – Historical	EA	\$384.55	\$106.00	\$0.00	\$490.55
101241	Spot Masonry Cleaning (50 – 100 SF)	EA	\$270.74	\$84.79	\$0.00	\$355.53
101242	Spot Masonry Cleaning (50 – 100 SF) – Historical	EA	\$661.34	\$169.60	\$0.00	\$830.94
101243	Spot Masonry Cleaning (101 – 199 SF) For quantities greater than or equal to 200 SF use the individual line items	EA	\$416.81	\$106.00	\$0.00	\$522.81
101244	Spot Masonry Cleaning (101 – 199 SF) – Historical For quantities greater than or equal to 200 SF use the individual line items	EA	\$1,025.22	\$212.00	\$0.00	\$1,237.22
101245	Abrasive Sand Blasting	SF	\$1.62	\$0.52	\$0.00	\$2.14
101246	Abrasive Sand Blasting – Historical	SF	\$3.86	\$1.06	\$0.00	\$4.92
101247	Acid – Detergent Clean Brick	SF	\$1.06	\$0.43	\$0.00	\$1.49
101248	Acid – Detergent Clean Brick – Historical	SF	\$2.60	\$0.85	\$0.00	\$3.45
101249	Pressure Washing Brick	SF	\$0.70	\$0.16	\$0.00	\$0.86
101250	Pressure Washing Brick – Historical	SF	\$1.83	\$0.32	\$0.00	\$2.15
101251	Brick Repointing Includes removal of existing joint material	SF	\$24.72	\$5.86	\$0.00	\$30.58
101252	Brick Repointing – Historical Includes removal of existing joint material	SF	\$61.80	\$11.73	\$0.00	\$73.53
101253	Concrete Masonry Unit (CMU) Repointing Includes removal of existing joint material	SF	\$11.12	\$5.86	\$0.00	\$16.98
101254	Concrete Masonry Unit (CMU) Repointing – Historical Includes removal of existing joint material	SF	\$27.82	\$11.73	\$0.00	\$39.55
101255	Stone Repointing Includes removal of existing joint material	SF	\$32.75	\$3.71	\$0.00	\$36.46
101256	Stone Repointing – Historical Includes removal of existing joint material	SF	\$81.88	\$7.42	\$0.00	\$89.30
101257	Remove and Replace Brick Includes removal and replacement of brick including all joint	EA	\$37.31	\$2.12	\$0.00	\$39.43

04-05-00 Common Work Results for Masonry

04-05-23 Masonry Accessories

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101258	Copper Flashing	LF	\$6.95	\$9.74	\$0.00	\$16.69
101259	Copper Flashing – Historical	LF	\$17.36	\$19.49	\$0.00	\$36.85
101260	Aluminum Flashing	LF	\$5.13	\$7.46	\$0.00	\$12.59
101261	Aluminum Flashing – Historical	LF	\$12.83	\$14.91	\$0.00	\$27.74
101262	Stainless Steel Flashing	LF	\$5.12	\$10.07	\$0.00	\$15.19
101263	Stainless Steel Flashing – Historical	LF	\$12.80	\$20.15	\$0.00	\$32.95
101264	Rubberized Asphalt and Butyl Rubber Flashing	LF	\$3.46	\$4.24	\$0.00	\$7.70
101265	Rubberized Asphalt and Butyl Rubber Flashing – Historical	LF	\$8.64	\$8.48	\$0.00	\$17.12
101266	Elastomeric Thermo Plastic Flashing	LF	\$3.69	\$5.83	\$0.00	\$9.52
101267	Elastomeric Thermo Plastic Flashing – Historical	LF	\$9.22	\$11.67	\$0.00	\$20.89
101268	Lead Coated Copper Flashing	LF	\$4.43	\$12.73	\$0.00	\$17.16
101269	Lead Coated Copper Flashing – Historical	LF	\$11.06	\$25.44	\$0.00	\$36.50
101270	Masonry Anchor- Expansion Hilti type stainless steel masonry expansion anchor or equal	EA	\$18.69	\$5.30	\$0.00	\$23.99
101271	Masonry Anchor- Expansion – Historical Hilti type stainless steel masonry expansion anchor or equal	EA	\$18.69	\$10.61	\$0.00	\$29.30
101272	Brick Stabilization Retro Fit Halfen Helifix system or equal. Includes grinding out joint, install anchor and grout / adhesive joint replacement	SF	\$16.13	\$13.25	\$0.00	\$29.38
101273	Brick Stabilization Retro Fit – Historical Halfen Helifix system or equal. Includes grinding out joint, install anchor and grout / adhesive joint replacement	SF	\$40.33	\$26.50	\$0.00	\$66.83

04-20-00 Unit Masonry

04-21-00 Clay Unit Masonry

04-21-13 Brick Masonry

Standard size modular brick = 2-1/4" x 3-5/8" x 7-5/8". Standard brick patterns include Running Bond, Common Bond, Flemish Bond, English Bond, and Stacked Bond.

101274	Standard Brick	SF	\$13.82	\$15.90	\$0.00	\$29.72
101275	Standard Brick – Historical	SF	\$34.57	\$31.80	\$0.00	\$66.37
101276	Standard Brick Column and Chimney – Veneer	SF	\$31.15	\$13.87	\$0.00	\$45.02
101277	Standard Brick Column and Chimney – Veneer – Historical	SF	\$77.89	\$27.76	\$0.00	\$105.65
101278	Brick Toothing Tooothing linear footage is based up a straight vertical line of work. Cost includes cutting and reinstalling of masonry units along the lines work	LF	\$32.26	\$13.25	\$0.00	\$45.51
101279	Brick Tooothing – Historical Tooothing linear footage is based up a straight vertical line of work. Cost includes cutting and reinstalling of masonry units along the lines work	LF	\$80.66	\$26.50	\$0.00	\$107.16

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		Units	Labor	Material	Equipment	Total
101280	[Modifier] Non Standard Brick Can be used for a significant variance from the 2-1/4" x 3-5/8" x 7-5/8 Standard Brick Sizing	SF	\$0.00	\$4.77	\$0.00	\$4.77
101281	[Modifier] Non Standard Brick – Historical Can be used for a significant variance from the 2-1/4" x 3-5/8" x 7-5/8 Standard Brick Sizing	SF	\$0.00	\$9.54	\$0.00	\$9.54
101282	[Modifier] Non Standard Brick Patterns Can be used for a significant variance from the Standard Brick Patterns - Running Bond, Common Bond, Flemish Bond, English Bond, and Stacked Bond	SF	\$4.48	\$0.00	\$0.00	\$4.48
101283	[Modifier] Non Standard Brick Patterns – Historical Can be used for a significant variance from the Standard Brick Patterns - Running Bond, Common Bond, Flemish Bond, English Bond, and Stacked Bond	SF	\$11.22	\$0.00	\$0.00	\$11.22

04-21-16 Ceramic Glazed Clay Masonry

Pricing includes all masonry joint reinforcement, including but not limited to horizontal ladder reinforcement, anchors, and supports. Includes all mortar and grout with applicable admixtures, weeps, cavity vents, bond breaker strips, masonry trims, reveals, joint tooling, and cleaning

101284	Structural Glazed-Face Tile	SF	\$29.50	\$15.90	\$0.00	\$45.40
101285	Structural Glazed-Face Tile – Historical	SF	\$73.74	\$31.80	\$0.00	\$105.54
101286	Structural Clay Tile	SF	\$27.66	\$13.25	\$0.00	\$40.91
101287	Structural Clay Tile – Historical	SF	\$69.14	\$26.50	\$0.00	\$95.64

04-21-29 Terra Cotta Masonry

101288	Terra Cotta Masonry	SF	\$23.05	\$42.40	\$0.00	\$65.45
101289	Terra Cotta Masonry – Historical	SF	\$57.62	\$84.81	\$0.00	\$142.43
101290	Terra Cotta Rain Screen and Aluminum Track Sub Framing Terra Cotta thickness up to 4"	SF	\$23.05	\$42.40	\$0.00	\$65.45
101291	Terra Cotta Rain Screen and Aluminum Track Sub Framing – Historical Terra Cotta thickness up to 4"	SF	\$57.62	\$84.81	\$0.00	\$142.43
101292	Terra Cotta Rain Screen Greater Than 4" and Aluminum Track Sub Framing Terra Cotta thickness up to 4"	SF	\$23.05	\$63.60	\$0.00	\$86.65
101293	Terra Cotta Rain Screen Greater Than 4" and Aluminum Track Sub Framing – Historical Terra Cotta thickness up to 4"	SF	\$57.62	\$127.20	\$0.00	\$184.82

04-22-00 Concrete Unit Masonry

Pricing includes all masonry joint reinforcement, including but not limited to horizontal ladder reinforcement, anchors, and supports. Includes all mortar and grout with applicable admixtures, weeps, cavity vents, bond breaker strips, masonry trims, reveals, joint tooling, and cleaning

04-22-00 Concrete Unit Masonry

Pricing includes all masonry joint reinforcement, including but not limited to horizontal ladder reinforcement, anchors, and supports. Includes all mortar and grout with applicable admixtures, weeps, cavity vents, bond breaker strips, masonry trims, reveals, joint tooling, and cleaning

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		Units	Labor	Material	Equipment	Total
101294	4" Concrete Masonry Unit (CMU) Partition	SF	\$12.90	\$8.74	\$0.00	\$21.64
101295	4" Concrete Masonry Unit (CMU) Partition – Historical	SF	\$32.26	\$17.49	\$0.00	\$49.75
101296	4" Concrete Masonry Unit (CMU) Back-Up	SF	\$10.14	\$8.74	\$0.00	\$18.88
101297	4" Concrete Masonry Unit (CMU) Back-Up – Historical	SF	\$25.35	\$17.49	\$0.00	\$42.84
101298	4" Concrete Masonry Unit (CMU) Foundation Wall	SF	\$11.89	\$9.01	\$0.00	\$20.90
101299	4" Concrete Masonry Unit (CMU) Foundation Wall – Historical	SF	\$29.73	\$18.02	\$0.00	\$47.75
101300	4" Concrete Masonry Unit (CMU) Exposed Exterior	SF	\$11.89	\$9.01	\$0.00	\$20.90
101301	4" Concrete Masonry Unit (CMU) Exposed Exterior – Historical	SF	\$29.73	\$18.02	\$0.00	\$47.75
101302	[Modifier] -4" Concrete Masonry Unit (CMU) Bond Beam Grouting Includes grouting and reinforcing	LF	\$10.06	\$6.89	\$0.00	\$16.95
101303	[Modifier] -4" Concrete Masonry Unit (CMU) Bond Beam Grouting – Historical Includes grouting and reinforcing	LF	\$25.16	\$13.77	\$0.00	\$38.93
101304	[Modifier] -Grout Solid 4" Concrete Masonry Unit (CMU) Includes grouting and reinforcing	SF	\$3.69	\$0.52	\$0.00	\$4.21
101305	[Modifier] -Grout Solid 4" Concrete Masonry Unit (CMU) – Historical Includes grouting and reinforcing	SF	\$9.22	\$1.06	\$0.00	\$10.28
101306	6" Concrete Masonry Unit (CMU) Partition	SF	\$13.75	\$10.07	\$0.00	\$23.82
101307	6" Concrete Masonry Unit (CMU) Partition – Historical	SF	\$34.38	\$20.14	\$0.00	\$54.52
101308	6" Concrete Masonry Unit (CMU) Back-Up	SF	\$10.98	\$9.01	\$0.00	\$19.99
101309	6" Concrete Masonry Unit (CMU) Back-Up – Historical	SF	\$27.46	\$18.02	\$0.00	\$45.48
101310	6" Concrete Masonry Unit (CMU) Foundation Wall	SF	\$12.37	\$9.01	\$0.00	\$21.38
101311	6" Concrete Masonry Unit (CMU) Foundation Wall – Historical	SF	\$30.92	\$18.02	\$0.00	\$48.94
101312	6" Concrete Masonry Unit (CMU) Exposed Exterior	SF	\$12.37	\$9.01	\$0.00	\$21.38
101313	6" Concrete Masonry Unit (CMU) Exposed Exterior – Historical	SF	\$30.92	\$18.02	\$0.00	\$48.94
101314	[Modifier] -6" Concrete Masonry Unit (CMU) Bond Beam Grouting Includes grouting and reinforcing	LF	\$10.52	\$7.95	\$0.00	\$18.47
101315	[Modifier] -6" Concrete Masonry Unit (CMU) Bond Beam Grouting – Historical Includes grouting and reinforcing	LF	\$26.31	\$15.90	\$0.00	\$42.21
101316	[Modifier] -Grout Solid 6" Concrete Masonry Unit (CMU) Includes grouting and reinforcing	SF	\$3.92	\$1.06	\$0.00	\$4.98
101317	[Modifier] -Grout Solid 6" Concrete Masonry Unit (CMU) – Historical Includes grouting and reinforcing	SF	\$9.80	\$2.12	\$0.00	\$11.92

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		Units	Labor	Material	Equipment	Total
101318	8" Concrete Masonry Unit (CMU) Partition	SF	\$14.23	\$11.65	\$0.00	\$25.88
101319	8" Concrete Masonry Unit (CMU) Partition – Historical	SF	\$35.56	\$23.32	\$0.00	\$58.88
101320	8"Concrete Masonry Unit (CMU) Back-Up	SF	\$11.47	\$9.54	\$0.00	\$21.01
101321	8"Concrete Masonry Unit (CMU) Back-Up – Historical	SF	\$28.65	\$19.08	\$0.00	\$47.73
101322	8" Concrete Masonry Unit (CMU) Foundation Wall	SF	\$12.85	\$9.54	\$0.00	\$22.39
101323	8" Concrete Masonry Unit (CMU) Foundation Wall – Historical	SF	\$32.10	\$19.08	\$0.00	\$51.18
101324	8" Concrete Masonry Unit (CMU) Exposed Exterior	SF	\$12.85	\$9.54	\$0.00	\$22.39
101325	8" Concrete Masonry Unit (CMU) Exposed Exterior – Historical	SF	\$32.10	\$19.08	\$0.00	\$51.18
101326	[Modifier] -8" Concrete Masonry Unit (CMU) Bond Beam Grouting Includes grouting and reinforcing	LF	\$10.99	\$9.54	\$0.00	\$20.53
101327	[Modifier] -8" Concrete Masonry Unit (CMU) Bond Beam Grouting – Historical Includes grouting and reinforcing	LF	\$27.50	\$19.08	\$0.00	\$46.58
101328	[Modifier] -Grout Solid 8" Concrete Masonry Unit (CMU) Includes grouting and reinforcing	SF	\$4.15	\$1.58	\$0.00	\$5.73
101329	[Modifier] -Grout Solid 8" Concrete Masonry Unit (CMU) – Historical Includes grouting and reinforcing	SF	\$10.37	\$3.18	\$0.00	\$13.55
101330	10" Concrete Masonry Unit (CMU) Partition	SF	\$14.70	\$9.91	\$0.00	\$24.61
101331	10" Concrete Masonry Unit (CMU) Partition – Historical	SF	\$36.75	\$19.82	\$0.00	\$56.57
101332	10"Concrete Masonry Unit (CMU) Back-Up	SF	\$11.94	\$9.91	\$0.00	\$21.85
101333	10"Concrete Masonry Unit (CMU) Back-Up – Historical	SF	\$29.84	\$19.82	\$0.00	\$49.66
101334	10" Concrete Masonry Unit (CMU) Foundation Wall	SF	\$13.32	\$9.91	\$0.00	\$23.23
101335	10" Concrete Masonry Unit (CMU) Foundation Wall – Historical	SF	\$33.30	\$19.82	\$0.00	\$53.12
101336	10" Concrete Masonry Unit (CMU) Exposed Exterior	SF	\$13.32	\$9.91	\$0.00	\$23.23
101337	10" Concrete Masonry Unit (CMU) Exposed Exterior – Historical	SF	\$33.30	\$19.82	\$0.00	\$53.12
101338	[Modifier] -10" Concrete Masonry Unit (CMU) Bond Beam Grouting Includes grouting and reinforcing	LF	\$10.60	\$7.11	\$0.00	\$17.71
101339	[Modifier] -10" Concrete Masonry Unit (CMU) Bond Beam Grouting – Historical Includes grouting and reinforcing	LF	\$26.50	\$14.20	\$0.00	\$40.70
101340	[Modifier] -Grout Solid 10" Concrete Masonry Unit (CMU) Includes grouting and reinforcing	SF	\$4.38	\$2.12	\$0.00	\$6.50

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		Units	Labor	Material	Equipment	Total
101341	[Modifier] -Grout Solid 10" Concrete Masonry Unit (CMU) – Historical Includes grouting and reinforcing	SF	\$10.95	\$4.24	\$0.00	\$15.19
101342	12" Concrete Masonry Unit (CMU) Partition	SF	\$15.18	\$10.34	\$0.00	\$25.52
101343	12" Concrete Masonry Unit (CMU) Partition – Historical	SF	\$37.95	\$20.67	\$0.00	\$58.62
101344	12" Concrete Masonry Unit (CMU) Back-Up	SF	\$12.42	\$10.34	\$0.00	\$22.76
101345	12" Concrete Masonry Unit (CMU) Back-Up – Historical	SF	\$31.04	\$20.67	\$0.00	\$51.71
101346	12" Concrete Masonry Unit (CMU) Foundation Wall	SF	\$13.80	\$10.34	\$0.00	\$24.14
101347	12"Concrete Masonry Unit (CMU) Foundation Wall – Historical	SF	\$34.50	\$20.67	\$0.00	\$55.17
101348	12" Concrete Masonry Unit (CMU) Exposed Exterior	SF	\$13.80	\$10.34	\$0.00	\$24.14
101349	12" Concrete Masonry Unit (CMU) Exposed Exterior – Historical	SF	\$34.50	\$20.67	\$0.00	\$55.17
101350	[Modifier] for 12" Concrete Masonry Unit (CMU) Bond Beam Includes grouting and reinforcing	LF	\$11.06	\$8.17	\$0.00	\$19.23
101351	[Modifier] for 12" Concrete Masonry Unit (CMU) Bond Beam – Historical Includes grouting and reinforcing	LF	\$27.66	\$16.32	\$0.00	\$43.98
101352	[Modifier] -Grout Solid 12" Concrete Masonry Unit (CMU) Includes grouting and reinforcing	SF	\$4.61	\$2.65	\$0.00	\$7.26
101353	[Modifier] -Grout Solid 12" Concrete Masonry Unit (CMU) – Historical Includes grouting and reinforcing	SF	\$11.52	\$5.30	\$0.00	\$16.82
101354	[Modifier] For Concrete Masonry Unit Assembly (CMU) 1 Hour Rating	SF	\$0.46	\$1.06	\$0.00	\$1.52
101355	[Modifier] For Concrete Masonry Unit Assembly (CMU) 1 Hour Rating – Historical	SF	\$1.15	\$2.12	\$0.00	\$3.27
101356	[Modifier] For Concrete Masonry Unit Assembly (CMU) 2 Hour Rating	SF	\$0.92	\$2.12	\$0.00	\$3.04
101357	[Modifier] For Concrete Masonry Unit Assembly (CMU) 2 Hour Rating – Historical	SF	\$2.30	\$4.24	\$0.00	\$6.54
101358	[Modifier] For Concrete Masonry Unit Assembly (CMU) 3 Hour Rating	SF	\$1.38	\$3.18	\$0.00	\$4.56
101359	[Modifier] For Concrete Masonry Unit Assembly (CMU) 3 Hour Rating – Historical	SF	\$3.46	\$6.36	\$0.00	\$9.82
101360	[Modifier] for Concrete Masonry Unit Assembly (CMU) 4 Hour Rating	SF	\$1.84	\$5.30	\$0.00	\$7.14
101361	[Modifier] for Concrete Masonry Unit Assembly (CMU) 4 Hour Rating – Historical	SF	\$4.61	\$10.61	\$0.00	\$15.22

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		Units	Labor	Material	Equipment	Total
101362	[Modifier] for Concrete Masonry Unit Assembly (CMU) Light Weight Units	SF	\$0.00	\$5.30	\$0.00	\$5.30
101363	[Modifier] for Concrete Masonry Unit (CMU) Light Weight Units – Historical	SF	\$0.00	\$10.61	\$0.00	\$10.61
101364	[Modifier] For Glazed Concrete Masonry Unit Assembly (CMU)	SF	\$1.38	\$4.51	\$0.00	\$5.89
101365	[Modifier] For Glazed Concrete Masonry Unit Assembly (CMU) – Historical	SF	\$3.46	\$9.01	\$0.00	\$12.47
101366	[Modifier] For Ground Face Concrete Masonry Unit Assembly (CMU)	SF	\$1.38	\$4.40	\$0.00	\$5.78
101367	[Modifier] For Ground Face Concrete Masonry Unit Assembly (CMU) – Historical	SF	\$3.46	\$8.80	\$0.00	\$12.26
101368	[Modifier] For Split Face Concrete Masonry Unit Assembly (CMU)	SF	\$0.69	\$1.33	\$0.00	\$2.02
101369	[Modifier] For Split Face Concrete Masonry Unit Assembly (CMU) – Historical	SF	\$1.72	\$2.66	\$0.00	\$4.38
101370	[Modifier] For Colored Concrete Masonry Unit Assembly (CMU) Regular Or Split Face	SF	\$0.69	\$2.12	\$0.00	\$2.81
101371	[Modifier] For Colored Concrete Masonry Unit Assembly (CMU) Regular Or Split Face – Historical	SF	\$1.72	\$4.24	\$0.00	\$5.96
101372	[Modifier] For Ribbed Face Sound Block	SF	\$1.38	\$4.24	\$0.00	\$5.62
101373	[Modifier] For Ribbed Face Sound Block – Historical	SF	\$3.46	\$8.48	\$0.00	\$11.94

04-23-00 Glass Unit Masonry

Pricing includes all masonry joint reinforcement, including but not limited to horizontal ladder reinforcement, anchors, and supports. Includes all mortar and grout with applicable admixtures, weeps, cavity vents, bond breaker strips, masonry trims, reveals, joint tooling, and cleaning

04-23-00 Glass Unit Masonry

Pricing includes all masonry joint reinforcement, including but not limited to horizontal ladder reinforcement, anchors, and supports. Includes all mortar and grout with applicable admixtures, weeps, cavity vents, bond breaker strips, masonry trims, reveals, joint tooling, and cleaning

101374	Glass Block Up To 12" x 12" x 4"	SF	\$17.24	\$24.34	\$0.00	\$41.58
101375	Glass Block Up To 12" x 12" x 4" – Historical	SF	\$43.08	\$48.70	\$0.00	\$91.78
101376	Glass Block Up To 8" x 8" x 4"	SF	\$17.24	\$23.38	\$0.00	\$40.62
101377	Glass Block Up To 8" x 8" x 4" – Historical	SF	\$43.08	\$46.75	\$0.00	\$89.83
101378	Glass Block Up To 6" x 8" x 4"	SF	\$17.24	\$22.41	\$0.00	\$39.65
101379	Glass Block Up To 6" x 8" x 4" – Historical	SF	\$43.08	\$44.80	\$0.00	\$87.88
101380	Glass Block Up To 4" x 8" x 4"	SF	\$17.24	\$21.43	\$0.00	\$38.67
101381	Glass Block Up To 4" x 8" x 4" – Historical	SF	\$43.08	\$42.85	\$0.00	\$85.93
101382	Glass Block Up To 6" x 6" x 4"	SF	\$17.24	\$20.45	\$0.00	\$37.69
101383	Glass Block Up To 6" x 6" x 4" – Historical	SF	\$43.08	\$40.90	\$0.00	\$83.98
101384	Glass Block Up To 4" x 4" x 4"	SF	\$17.24	\$19.48	\$0.00	\$36.72
101385	Glass Block Up To 4" x 4" x 4" – Historical	SF	\$43.08	\$38.96	\$0.00	\$82.04

04-40-00 Stone Assemblies

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Units Labor Material Equipment Total

Pricing includes all masonry joint reinforcement, including but not limited to horizontal ladder reinforcement, anchors, and supports. Includes all mortar and grout with applicable admixtures along with all weeps, cavity vents, bond breaker strips, and masonry trims and reveals.

04-43-00 Stone Masonry

04-43-13 Stone Masonry Veneer

101386	Remove and Reinstall Existing Masonry Coping Stone Caps / Seats - 32" long x 16" wide x 3" thick Includes removal of cap / clean bed / clean stone / reset in mortar bed - point up joints - clean stone	EA	\$109.09	\$1.58	\$0.00	\$110.67
101387	Stone Veneer-Ashlar Pat	SF	\$46.09	\$18.55	\$0.00	\$64.64
101388	Stone Veneer-Ashlar Pat – Historical	SF	\$115.22	\$37.09	\$0.00	\$152.31
101389	Granite Panel	SF	\$23.38	\$44.90	\$0.00	\$68.28
101390	Granite Panel – Historical	SF	\$58.44	\$89.78	\$0.00	\$148.22
101391	Exterior Limestone Panel	SF	\$26.88	\$22.58	\$0.00	\$49.46
101392	Exterior Limestone Panel – Historical	SF	\$67.19	\$45.15	\$0.00	\$112.34
101393	Interior Limestone Panel	SF	\$26.88	\$22.58	\$0.00	\$49.46
101394	Interior Limestone Panel – Historical	SF	\$67.19	\$45.15	\$0.00	\$112.34
101395	Stone Wall Panel The unit cost is represented as a blended average for the wall which would include the corners.	SF	\$23.38	\$51.31	\$0.00	\$74.69
101396	Stone Wall Panel – Historical The unit cost is represented as a blended average for the wall which would include the corners.	SF	\$58.44	\$102.60	\$0.00	\$161.04
101397	Manufactured Adhered Stone (Random Cobbles) With Drainage Mat Includes scrim, drainage matt and thick set mortar to set stone to substrate	SF	\$27.82	\$33.78	\$0.00	\$61.60
101398	Manufactured Adhered Stone (Random Cobbles) With Drainage Mat – Historical Includes scrim, drainage matt and thick set mortar to set stone to substrate	SF	\$69.55	\$67.56	\$0.00	\$137.11
101399	Manufactured Adhered Stone (Random Cobbles) No Drainage Mat Includes scrim, drainage matt and thick set mortar to set stone to substrate	SF	\$26.43	\$32.46	\$0.00	\$58.89
101400	Manufactured Adhered Stone (Random Cobbles) No Drainage Mat – Historical Includes scrim, drainage matt and thick set mortar to set stone to substrate	SF	\$66.08	\$64.91	\$0.00	\$130.99

04-43-16 Stone Fabrications

101401	Stone Sills	LF	\$27.66	\$53.00	\$0.00	\$80.66
101402	Stone Sills – Historical	LF	\$69.14	\$106.00	\$0.00	\$175.14
101403	Stone Stairs	LF	\$55.98	\$111.00	\$0.00	\$166.98
101404	Stone Stairs – Historical	LF	\$139.96	\$222.00	\$0.00	\$361.96

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		Units	Labor	Material	Equipment	Total
101405	Stone Header	LF	\$32.26	\$58.30	\$0.00	\$90.56
101406	Stone Header – Historical	LF	\$80.66	\$116.60	\$0.00	\$197.26
101407	Stone Parapet	LF	\$18.43	\$37.09	\$0.00	\$55.52
101408	Stone Parapet – Historical	LF	\$46.09	\$74.20	\$0.00	\$120.29
101409	Stone Jamb	LF	\$25.35	\$37.09	\$0.00	\$62.44
101410	Stone Jamb – Historical	LF	\$63.38	\$74.20	\$0.00	\$137.58
101411	Stone Banding / Cornice up to 4"	LF	\$32.32	\$38.15	\$0.00	\$70.47
	Built up combinations may be added cumulatively					
101412	Stone Banding / Cornice up to 4" – Historical	LF	\$80.78	\$76.32	\$0.00	\$157.10
	Built up combinations may be added cumulatively					
101413	Stone Banding / Cornice up to 6"	LF	\$35.90	\$50.88	\$0.00	\$86.78
	Built up combinations may be added cumulatively					
101414	Stone Banding / Cornice up to 6" – Historical	LF	\$89.76	\$101.76	\$0.00	\$191.52
	Built up combinations may be added cumulatively					
101415	Stone Banding / Cornice up to 8"	LF	\$40.39	\$63.60	\$0.00	\$103.99
	Built up combinations may be added cumulatively					
101416	Stone Banding / Cornice up to 8" – Historical	LF	\$100.98	\$127.20	\$0.00	\$228.18
	Built up combinations may be added cumulatively					
101417	Stone Banding / Cornice up to 12"	LF	\$53.85	\$76.32	\$0.00	\$130.17
	Built up combinations may be added cumulatively					
101418	Stone Banding / Cornice up to 12" – Historical	LF	\$134.63	\$152.64	\$0.00	\$287.27
	Built up combinations may be added cumulatively					
101419	Cast Stone Sills	LF	\$27.66	\$31.80	\$0.00	\$59.46
101420	Cast Stone Sills – Historical	LF	\$69.14	\$63.60	\$0.00	\$132.74
101421	Cast Stone Stairs	LF	\$55.99	\$66.61	\$0.00	\$122.60
101422	Cast Stone Stairs – Historical	LF	\$139.98	\$133.20	\$0.00	\$273.18
101423	Cast Stone Header	LF	\$32.26	\$34.99	\$0.00	\$67.25
101424	Cast Stone Header – Historical	LF	\$80.66	\$69.96	\$0.00	\$150.62
101425	Cast Stone Parapet	LF	\$18.43	\$22.26	\$0.00	\$40.69
101426	Cast Stone Parapet – Historical	LF	\$46.09	\$44.52	\$0.00	\$90.61
101427	Cast Stone Jamb	LF	\$25.35	\$22.26	\$0.00	\$47.61
101428	Cast Stone Jamb – Historical	LF	\$63.38	\$44.52	\$0.00	\$107.90
101429	Cast Stone Banding / Cornice up to 4"	LF	\$32.32	\$28.62	\$0.00	\$60.94
	Built up combinations may be added cumulatively					
101430	Cast Stone Banding / Cornice up to 4" – Historical	LF	\$80.78	\$57.24	\$0.00	\$138.02
	Built up combinations may be added cumulatively					
101431	Cast Stone Banding / Cornice up to 6"	LF	\$35.90	\$38.15	\$0.00	\$74.05
	Built up combinations may be added cumulatively					

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		Units	Labor	Material	Equipment	Total
101432	Cast Stone Banding / Cornice up to 6" – Historical Built up combinations may be added cumulatively	LF	\$89.76	\$76.32	\$0.00	\$166.08
101433	Cast Stone Banding / Cornice up to 8" Built up combinations may be added cumulatively	LF	\$40.39	\$47.70	\$0.00	\$88.09
101434	Cast Stone Banding / Cornice up to 8" – Historical Built up combinations may be added cumulatively	LF	\$100.98	\$95.40	\$0.00	\$196.38
101435	Cast Stone Banding / Cornice up to 12" Built up combinations may be added cumulatively	LF	\$53.85	\$57.24	\$0.00	\$111.09
101436	Cast Stone Banding / Cornice up to 12" – Historical Built up combinations may be added cumulatively	LF	\$134.63	\$114.48	\$0.00	\$249.11

05-00-00 Metals

05-00-00 Metals

05-01-00 Maintenance of Metals

05-01-10 Maintenance of Structural Metal Framing

101437	Surface Preparation For Corroded / Deteriorated Steel SFCA – Square foot contact areas includes the total area which requires surface preparation of corroded steel due to extensive water damage or chlorine. Includes, but not limited to a combination of cutting, sandblasting, bead blasting, heating, etc. and structural repair. Cannot be used for standard surface preparation. Cost includes application of corrosion inhibiting sealant	SFCA	\$26.94	\$8.28	\$0.00	\$35.22
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05-05-00 Common Work Results for Metals

05-05-13 Shop-Applied Coatings for Metal

101438	[Modifier] For Galvanized Steel Hot dipped galvanized	TN	\$0.00	\$848.00	\$0.00	\$848.00
101439	[Modifier] For Shop Primed Steel	TN	\$0.00	\$318.00	\$0.00	\$318.00

05-05-23 Metal Fastenings

101440	Spot Welding - Field Welding, Up to 1" Long, Less Than or Equal To 20	EA	\$5.11	\$0.35	\$0.87	\$6.33
101441	Spot Welding - Field Welding, Up to 1" Long, Greater Than 20	EA	\$4.26	\$0.29	\$0.72	\$5.27
101442	Fillet Welds - 1/4" Field Welding Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$2.43	\$0.12	\$0.41	\$2.96

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		Units	Labor	Material	Equipment	Total
101443	Fillet Welds - 1/4" Field Welding Aluminum Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$2.79	\$0.15	\$0.47	\$3.41
101444	Fillet Welds - 1/4" Field Welding Stainless Steel Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$3.04	\$0.16	\$0.51	\$3.71
101445	Fillet Welds - 3/8" Field Welding Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$3.40	\$0.23	\$0.58	\$4.21
101446	Fillet Welds - 3/8" Field Welding Aluminum Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$3.91	\$0.27	\$0.67	\$4.85
101447	Fillet Welds - 3/8" Field Welding Stainless Steel Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$4.26	\$0.29	\$0.72	\$5.27
101448	Fillet Welds - 1/2" Field Welding Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$4.05	\$0.29	\$0.69	\$5.03
101449	Fillet Welds - 1/2" Field Welding Aluminum Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$4.66	\$0.34	\$0.79	\$5.79
101450	Fillet Welds - 1/2" Field Welding Stainless Steel Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$5.06	\$0.37	\$0.86	\$6.29
101451	Fillet Welds - 3/4" Field Welding Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$6.47	\$0.50	\$1.10	\$8.07

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		Units	Labor	Material	Equipment	Total
101452	Fillet Welds - 3/4" Field Welding Aluminum Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$7.45	\$0.57	\$1.26	\$9.28
101453	Fillet Welds - 3/4" Field Welding Stainless Steel Includes tack welds for proper alignment, for use with vertical or horizontal welds. For use with stick, IG, TIG and flux core arc welding	INCH	\$8.10	\$0.62	\$1.38	\$10.10

05-10-00 Structural Metal Framing

05-12-00 Structural Steel Framing

05-12-13 Architecturally-Exposed Structural Steel Framing

101454	[Modifier] For Architecturally – Exposed Structural Steel – Conventional Steel Wide flange, Angles, Plates, Channel, and Tees.	TN	\$242.71	\$106.00	\$0.00	\$348.71
101455	[Modifier] For Architecturally – Exposed Structural Steel – Unusual Shapes Tubes and Pipes	TN	\$345.80	\$583.00	\$0.00	\$928.80

05-12-23 Structural Steel for Buildings

Baseline pricing for Renovation structural steel is greater than or equal to two tons. Baseline pricing for New Construction structural steel is greater than or equal to twenty tons. Baseline structural steel pricing is for unprimed steel. Cost includes required steel to steel standard bolted and welded connections, bracing, base plates, top plates, side plates, stiffener plates, and anchor bolts.

101456	WF Steel Column – New Construction	TN	\$2,658.28	\$2,419.11	\$0.00	\$5,077.39
101457	HSS Steel Column – New Construction	TN	\$2,658.28	\$2,620.70	\$0.00	\$5,278.98
101458	WF Steel Beam – New Construction	TN	\$2,416.69	\$2,419.11	\$0.00	\$4,835.80
101459	HSS Beam – New Construction	TN	\$2,416.69	\$2,620.70	\$0.00	\$5,037.39
101460	Angles / Channels / Tees – New Construction	TN	\$2,695.54	\$2,721.50	\$0.00	\$5,417.04
101461	Plate Steel – New Construction	TN	\$2,695.54	\$2,721.50	\$0.00	\$5,417.04
101462	WF Steel Column – Exterior Renovation	TN	\$3,189.94	\$2,902.93	\$0.00	\$6,092.87
101463	HSS Steel Column – Exterior Renovation	TN	\$3,189.94	\$3,144.84	\$0.00	\$6,334.78
101464	WF Steel Beam – Exterior Renovation	TN	\$2,900.04	\$2,902.93	\$0.00	\$5,802.97
101465	HSS Beam – Exterior Renovation	TN	\$2,900.04	\$3,144.84	\$0.00	\$6,044.88
101466	Angles / Channels / Tees – Exterior Renovation	TN	\$3,234.65	\$3,265.80	\$0.00	\$6,500.45
101467	Plate Steel – Exterior Renovation	TN	\$3,234.65	\$3,265.80	\$0.00	\$6,500.45
101468	WF Steel Column – Interior Renovation	TN	\$5,103.90	\$2,902.93	\$0.00	\$8,006.83
101469	HSS Steel Column – Interior Renovation	TN	\$5,103.90	\$3,144.84	\$0.00	\$8,248.74
101470	WF Steel Beam – Interior Renovation	TN	\$4,640.04	\$2,902.93	\$0.00	\$7,542.97
101471	HSS Beam – Interior Renovation	TN	\$4,640.04	\$3,144.84	\$0.00	\$7,784.88
101472	Angles / Channels / Tees – Interior Renovation	TN	\$5,175.45	\$3,265.80	\$0.00	\$8,441.25

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		Units	Labor	Material	Equipment	Total
101473	Plate Steel – Interior Renovation	TN	\$5,175.45	\$3,265.80	\$0.00	\$8,441.25
101474	Elevator Hoist Beam	TN	\$4,640.04	\$2,902.93	\$0.00	\$7,542.97
101475	Struct Steel at Precast Risers	TN	\$4,640.04	\$3,144.84	\$0.00	\$7,784.88
101476	Elevator Sill Angle Replacement	LF	\$53.61	\$29.68	\$0.00	\$83.29
101477	Moment Connections Includes all welds and bolted connections	EA	\$1,005.19	\$556.50	\$0.00	\$1,561.69
101478	Expansion Anchors – Up to 3/8" Diameter Drilled and Exposed Threaded Rods - use Expansion anchor pricing?	EA	\$37.72	\$2.12	\$0.00	\$39.84
101479	Expansion Anchors – Up to 5/8" Diameter	EA	\$37.72	\$4.83	\$0.00	\$42.55
101480	Expansion Anchors – Up to 1" Diameter	EA	\$37.72	\$18.81	\$0.00	\$56.53
101481	Connect Steel To Existing Structure Includes surface preparation, plates, clips, angles, bolts, pockets, and welds	EA	\$502.60	\$278.25	\$0.00	\$780.85
101482	Embed Plates	EA	\$120.72	\$159.01	\$0.00	\$279.73
101483	Loose Lintels at Masonry	LF	\$22.11	\$12.24	\$0.00	\$34.35
101484	Welded Shear Connections (< 10 EA)	EA	\$15.98	\$2.44	\$0.00	\$18.42
101485	Welded Shear Connections (11 – 50 EA)	EA	\$6.56	\$1.52	\$0.00	\$8.08
101486	Welded Shear Connections (50 – 100 EA)	EA	\$4.66	\$1.52	\$0.00	\$6.18
101487	Welded Shear Connections (> 100 EA)	EA	\$2.66	\$1.52	\$0.00	\$4.18
101488	Steel Strengthening–Cover Plate Cost includes surface preparation to existing steel, new plate steel, welding and connections to strengthen steel	LF	\$123.72	\$31.80	\$0.00	\$155.52
101489	Steel Strengthening–Connection Modification Cost includes surface preparation to existing steel, required new steel, welding and connections to strengthen steel	EA	\$1,005.19	\$556.50	\$0.00	\$1,561.69
101490	Steel Strengthening – Base Plate Modification Cost includes surface preparation to existing steel, required new steel, welding and connections to strengthen steel	EA	\$804.76	\$556.50	\$0.00	\$1,361.26
101491	Steel Strengthening – Add Welded Shear Connections Cost includes required concrete cutout, surface preparation to existing steel, adding required welded shear connections, and infilling core with cementitious material	EA	\$603.58	\$159.01	\$0.00	\$762.59

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		Units	Labor	Material	Equipment	Total
101492	Steel Strengthening – Replace Connection Cost includes removal of existing connection, surface preparation to existing steel, required new steel, welding and connections to strengthen steel	EA	\$1,207.14	\$795.00	\$0.00	\$2,002.14
101493	[Modifier] Quantity Premium - Structural Steel (10 To < 20 TN) For New Construction Steel Only This line item can be used if the total tonnage of structural steel is within stated quantity. It can be applied in addition to selecting the individual line items	TN	\$241.67	\$241.91	\$0.00	\$483.58
101494	[Modifier] Quantity Premium - Structural Steel (< 10 TN) For New Construction Steel Only This line item can be used if the total tonnage of structural steel is within stated quantity. It can be applied in addition to selecting the individual line items	TN	\$604.18	\$604.78	\$0.00	\$1,208.96
101495	[Modifier] Quantity Premium - Structural Steel (< 2 TN) For Renovation Steel Only This line item can be used if the total tonnage of structural steel is less than 2 tons. It can be applied in addition to selecting the individual line items	LS	\$1,030.98	\$1,060.01	\$0.00	\$2,090.99
101496	[Modifier] For Cambered Steel Beam	TN	\$0.00	\$795.00	\$0.00	\$795.00
101497	[Modifier] Cold Rolling Structural Steel – Easy Way	TN	\$0.00	\$1,060.01	\$0.00	\$1,060.01
101498	[Modifier] Cold Rolling Structural Steel – Hard Way	TN	\$0.00	\$1,590.00	\$0.00	\$1,590.00

05-14-00 Structural Aluminum Framing

05-14-00 Structural Aluminum Framing

101499	Structural Aluminum Framing Cost includes required aluminum to aluminum standard bolted and welded connections, bracing, base plates, top plates, side plates, stiffener plates, and anchor bolts.	TN	\$4,640.04	\$13,739.20	\$0.00	\$18,379.24
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05-15-00 Wire Rope Assemblies

Cost includes required connections, posts, plates, anchor bolts, turn buckles, and any other miscellaneous hardware

05-15-00 Wire Rope Assemblies

Cost includes required connections, posts, plates, anchor bolts, turn buckles, and any other miscellaneous hardware

101500	Steel Wire Rope System – Galvanized	LF	\$9.07	\$11.40	\$0.00	\$20.47
101501	Aluminum Wire Rope System	LF	\$9.07	\$16.53	\$0.00	\$25.60
101502	Stainless Steel Wire Rope System	LF	\$9.07	\$22.80	\$0.00	\$31.87

05-20-00 Metal Joists

05-21-00 Steel Joist Framing

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Units Labor Material Equipment Total
Baseline pricing for Renovation steel joist framing is greater than or equal to one ton. Baseline pricing for New Construction joist framing is greater than or equal to ten tons. Cost includes required steel to steel standard bolted and welded connections, bracing, bridging, base plates, top plates, side plates, stiffener plates, and anchor bolts.

05-21-00 Steel Joist Framing

Baseline pricing for Renovation steel joist framing is greater than or equal to one ton. Baseline pricing for New Construction joist framing is greater than or equal to ten tons. Cost includes required steel to steel standard bolted and welded connections, bracing, bridging, base plates, top plates, side plates, stiffener plates, and anchor bolts.

101503	Steel Joist-K Series – New Construction	TN	\$1,980.73	\$2,180.63	\$0.00	\$4,161.36
101504	Steel Joist-LH Series – New Construction	TN	\$1,980.73	\$2,289.66	\$0.00	\$4,270.39
101505	Steel Joist-DLH Series – New Construction	TN	\$1,980.73	\$2,398.69	\$0.00	\$4,379.42
101506	Steel Joist-SLH Series – New Construction	TN	\$2,079.72	\$2,633.11	\$0.00	\$4,712.83
101507	Steel Joist-Custom – New Construction	TN	\$2,178.74	\$2,878.42	\$0.00	\$5,057.16
101508	Steel Joist-K Series – Exterior Renovation	TN	\$2,376.88	\$2,616.75	\$0.00	\$4,993.63
101509	Steel Joist-LH Series – Exterior Renovation	TN	\$2,376.88	\$2,747.59	\$0.00	\$5,124.47
101510	Steel Joist-DLH Series – Exterior Renovation	TN	\$2,376.88	\$2,878.42	\$0.00	\$5,255.30
101511	Steel Joist-SLH Series – Exterior Renovation	TN	\$2,495.66	\$3,159.73	\$0.00	\$5,655.39
101512	Steel Joist-Custom – Exterior Renovation	TN	\$2,614.49	\$3,454.11	\$0.00	\$6,068.60
101513	Steel Joist-K Series – Interior Renovation	TN	\$3,803.00	\$2,616.75	\$0.00	\$6,419.75
101514	Steel Joist-LH Series – Interior Renovation	TN	\$3,803.00	\$2,747.59	\$0.00	\$6,550.59
101515	Steel Joist-DLH Series – Interior Renovation	TN	\$3,803.00	\$2,878.42	\$0.00	\$6,681.42
101516	Steel Joist-SLH Series – Interior Renovation	TN	\$3,993.04	\$3,159.73	\$0.00	\$7,152.77
101517	Steel Joist-Custom – Interior Renovation	TN	\$4,183.19	\$3,454.11	\$0.00	\$7,637.30
101518	Steel Joist Strengthening – Chord Reinforcement Cost includes surface preparation to existing steel, new steel, welding and connections to strengthen steel joist	LF	\$123.72	\$31.80	\$0.00	\$155.52
101519	Steel Joist Strengthening – Web Reinforcement Cost includes surface preparation to existing steel, new steel, welding and connections to strengthen steel joist	EA	\$301.78	\$106.00	\$0.00	\$407.78
101520	[Modifier] Quantity Premium - Steel Joist (5 To < 10 TN) For New Construction Joist Only This line item can be used if the total tonnage of steel joist is within stated quantity. It can be applied in addition to selecting the individual line items	TN	\$198.08	\$239.87	\$0.00	\$437.95

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		Units	Labor	Material	Equipment	Total
101521	[Modifier] Quantity Premium - Steel Joist (< 5 TN) For New Construction Joist Only This line item can be used if the total tonnage of steel joist is within stated quantity. It can be applied in addition to selecting the individual line items	TN	\$495.19	\$599.67	\$0.00	\$1,094.86
101522	[Modifier] Quantity Premium - Steel Joist (< 1 TN) For Renovation Joist Only This line item can be used if the total tonnage of steel joist is less than 1 ton. It can be applied cumulatively to applicable line items.	LS	\$1,030.98	\$1,060.01	\$0.00	\$2,090.99

05-30-00 Metal Decking

Pricing includes any required crimping, welding, and fasteners to complete the installation of Metal Decking

05-31-00 Steel Decking

05-31-13 Steel Floor Decking

Galvanized composite steel floor decking

101523	Steel Floor Decking – Up To 18 GA (> 500 SF)	SF	\$1.21	\$3.06	\$0.00	\$4.27
101524	Steel Floor Decking – Up To 18 GA (101 – 500 SF) This line item can be used if the total square footage of steel floor decking falls within 101-500 square feet. This item cannot be used with any of the INFILL line items.	SF	\$3.62	\$3.34	\$0.00	\$6.96
101525	Steel Floor Decking – Up To 18 GA (51 – 100 SF) This line item can be used if the total square footage of steel floor decking falls within 51-100 square feet. This item cannot be used with any of the INFILL line items.	SF	\$7.23	\$3.62	\$0.00	\$10.85
101526	Steel Floor Decking – Up To 18 GA (< Or = To 50 SF) This line item can be used if the total square footage of steel floor decking is less than or equal to 50 square feet. This item cannot be used with any of the INFILL line items.	SF	\$13.28	\$3.89	\$0.00	\$17.17

05-31-23 Steel Roof Decking

Galvanized composite steel roof decking

101527	Steel Roof Decking – Up To 18 GA (> 500 SF)	SF	\$1.21	\$3.06	\$0.00	\$4.27
101528	Steel Roof Decking – Up To 18 GA (101 – 500 SF) This line item can be used if the total square footage of steel floor decking falls within 101-500 square feet. This item cannot be used with any of the INFILL line items.	SF	\$3.62	\$3.34	\$0.00	\$6.96

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		Units	Labor	Material	Equipment	Total
101529	Steel Roof Decking – Up To 18 GA (51 – 100 SF) This line item can be used if the total square footage of steel floor decking falls within 51-100 square feet. This item cannot be used with any of the INFILL line items.	SF	\$7.23	\$3.62	\$0.00	\$10.85
101530	Steel Roof Decking – Up To 18 GA (< Or = To 50 SF) This line item can be used if the total square footage of steel floor decking is less than or equal to 50 square feet. This item cannot be used with any of the INFILL line items.	SF	\$13.28	\$3.89	\$0.00	\$17.17
101531	Steel Roof Decking – Up To 20 GA (> 500 SF)	SF	\$0.97	\$2.77	\$0.00	\$3.74
101532	Steel Roof Decking – Up To 20 GA (101 – 500 SF) This line item can be used if the total square footage of steel roof decking falls within 101-500 square feet. This item cannot be used with any of the INFILL line items.	SF	\$3.38	\$3.04	\$0.00	\$6.42
101533	Steel Roof Decking – Up To 20 GA (51 – 100 SF) This line item can be used if the total square footage of steel roof decking falls within 51-100 square feet. This item cannot be used with any of the INFILL line items.	SF	\$7.00	\$3.32	\$0.00	\$10.32
101534	Steel Roof Decking – Up To 20 GA (< Or = To 50 SF) This line item can be used if the total square footage of steel roof decking is less than or equal to 50 square feet. This item cannot be used with any of the INFILL line items.	SF	\$13.04	\$3.60	\$0.00	\$16.64
05-31-33 Steel Form Decking						
<i>Galvanized form decking</i>						
101535	Steel Form Decking – Up To 18 GA (> 500 SF)	SF	\$0.97	\$2.77	\$0.00	\$3.74
101536	Steel Form Decking – Up To 18 GA (101 – 500 SF) This line item can be used if the total square footage of steel form decking falls within 101-500 square feet. This item cannot be used with any of the INFILL line items.	SF	\$3.38	\$3.04	\$0.00	\$6.42

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		Units	Labor	Material	Equipment	Total
101537	Steel Form Decking – Up To 18 GA (51 – 100 SF) This line item can be used if the total square footage of steel form decking falls within 51-100 square feet. This item cannot be used with any of the INFILL line items.	SF	\$7.00	\$3.32	\$0.00	\$10.32
101538	Steel Form Decking – Up To 18 GA (< Or = To 50 SF) This line item can be used if the total square footage of steel form decking is less than or equal to 50 square feet. This item cannot be used with any of the INFILL line items.	SF	\$13.04	\$3.60	\$0.00	\$16.64
05-34-00 Acoustical Metal Decking						
05-34-00 Acoustical Metal Decking						
101539	Steel Acoustic Decking (> 500 SF) Acoustical B-Deck, with perforations and acoustical insulation	SF	\$1.56	\$6.98	\$0.00	\$8.54
101540	Steel Acoustic Decking – (101 – 500 SF) This line item can be used if the total square footage of steel acoustic decking falls within 101-500 square feet. This item cannot be used with any of the INFILL line items.	SF	\$3.98	\$7.25	\$0.00	\$11.23
101541	Steel Acoustic Decking – (51 – 100 SF) This line item can be used if the total square footage of steel acoustic decking falls within 51-100 square feet. This item cannot be used with any of the INFILL line items.	SF	\$7.60	\$7.53	\$0.00	\$15.13
101542	Steel Acoustic Decking – (< Or = To 50 SF) This line item can be used if the total square footage of steel acoustic decking is less than or equal to 50 square feet. This item cannot be used with any of the INFILL line items.	SF	\$13.64	\$7.81	\$0.00	\$21.45
101543	Steel Acoustic Decking – Long Span	SF	\$3.83	\$16.58	\$0.00	\$20.41
101544	Steel Acoustic Decking – Long Span – (101 – 500 SF) This line item can be used if the total square footage of steel acoustic decking - long span falls within 101-500 square feet. This item cannot be used with any of the INFILL line items.	SF	\$6.24	\$16.85	\$0.00	\$23.09

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		Units	Labor	Material	Equipment	Total
101545	Steel Acoustic Decking – Long Span – (51 – 100 SF) This line item can be used if the total square footage of steel acoustic decking - long span falls within 51-100 square feet. This item cannot be used with any of the INFILL line items.	SF	\$9.87	\$17.13	\$0.00	\$27.00
101546	Steel Acoustic Decking – Long Span – (< Or = To 50 SF) This line item can be used if the total square footage of steel acoustic decking - long span is less than or equal to 50 square feet. This item cannot be used with any of the INFILL line items.	SF	\$15.90	\$17.41	\$0.00	\$33.31

05-40-00 Cold-Formed Metal Framing

Includes all tracks, headers, clips, fasteners, connections, welding, framed openings, runners, curves, bracing, straps, bridging, purlins, stiffeners, doublers for both between story and curtain framing

05-41-00 Structural Metal Stud Framing

05-41-00 Structural Metal Stud Framing

101547	Metal Stud Up To 4", 18 GA, 12" O.C. (> 500 SF)	SF	\$3.99	\$5.62	\$0.00	\$9.61
101548	Metal Stud Up To 4", 18 GA, 16" O.C. (> 500 SF)	SF	\$3.07	\$4.33	\$0.00	\$7.40
101549	Metal Stud Up To 4", 18 GA, 24" O.C. (> 500 SF)	SF	\$2.36	\$2.67	\$0.00	\$5.03
101550	Metal Stud Up To 6", 18 GA, 12" O.C. (> 500 SF)	SF	\$4.20	\$6.61	\$0.00	\$10.81
101551	Metal Stud Up To 6", 18 GA, 16" O.C. (> 500 SF)	SF	\$3.22	\$5.08	\$0.00	\$8.30
101552	Metal Stud Up To 6", 18 GA, 24" O.C. (> 500 SF)	SF	\$2.48	\$3.15	\$0.00	\$5.63
101553	Metal Stud Up To 8", 18 GA, 12" O.C. (> 500 SF)	SF	\$4.66	\$7.61	\$0.00	\$12.27
101554	Metal Stud Up To 8", 18 GA, 16" O.C. (> 500 SF)	SF	\$3.58	\$5.85	\$0.00	\$9.43
101555	Metal Stud Up To 8", 18 GA, 24" O.C. (> 500 SF)	SF	\$2.75	\$3.61	\$0.00	\$6.36
101556	Metal Stud Up To 4", 16 GA, 12" O.C. (> 500 SF)	SF	\$4.77	\$6.34	\$0.00	\$11.11
101557	Metal Stud Up To 4", 16 GA, 16" O.C. (> 500 SF)	SF	\$3.67	\$4.88	\$0.00	\$8.55
101558	Metal Stud Up To 4", 16 GA, 24" O.C. (> 500 SF)	SF	\$2.83	\$3.02	\$0.00	\$5.85
101559	Metal Stud Up To 6", 16 GA, 12" O.C. (> 500 SF)	SF	\$5.01	\$7.30	\$0.00	\$12.31
101560	Metal Stud Up To 6", 16 GA, 16" O.C. (> 500 SF)	SF	\$3.86	\$5.62	\$0.00	\$9.48
101561	Metal Stud Up To 6", 16 GA, 24" O.C. (> 500 SF)	SF	\$2.97	\$3.47	\$0.00	\$6.44
101562	Metal Stud Up To 8", 16 GA, 12" O.C. (> 500 SF)	SF	\$5.58	\$8.39	\$0.00	\$13.97
101563	Metal Stud Up To 8", 16 GA, 16" O.C. (> 500 SF)	SF	\$4.29	\$6.45	\$0.00	\$10.74
101564	Metal Stud Up To 8", 16 GA, 24" O.C. (> 500 SF)	SF	\$3.30	\$4.00	\$0.00	\$7.30

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		Units	Labor	Material	Equipment	Total
101565	[Modifier] Quantity Premium - Structural Metal Stud Framing (101-500 SF) Quantity premium can be used when Total square footage in section 05-41-00 Structural Metal Stud Framing are within stated quantities. Can be applied cumulatively To base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
101566	[Modifier] Quantity Premium - Structural Metal Stud Framing (51-100 SF) Quantity premium can be used when Total square footage in section 05-41-00 Structural Metal Stud Framing are within stated quantities. Can be applied cumulatively To base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
101567	[Modifier] Quantity Premium - Structural Metal Stud Framing (< or = To 50 SF) Quantity premium can be used when Total square footage in section 05-41-00 Structural Metal Stud Framing are within stated quantities. Can be applied cumulatively To base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

05-42-00 Cold-Formed Metal Joist Framing

05-42-00 Cold-Formed Metal Joist Framing

101568	Cold-Formed Metal Floor / Roof Joist Up To 4", 18 GA, 12" O.C. (> 500 SF)	SF	\$4.99	\$6.18	\$0.00	\$11.17
101569	Cold-Formed Metal Floor / Roof Joist Up To 4", 18 GA, 16" O.C. (> 500 SF)	SF	\$3.84	\$4.75	\$0.00	\$8.59
101570	Cold-Formed Metal Floor / Roof Joist Up To 4", 18 GA, 24" O.C. (> 500 SF)	SF	\$2.96	\$2.94	\$0.00	\$5.90
101571	Cold-Formed Metal Floor / Roof Joist Up To 6", 18 GA, 12" O.C. (> 500 SF)	SF	\$5.24	\$7.28	\$0.00	\$12.52
101572	Cold-Formed Metal Floor / Roof Joist Up To 6", 18 GA, 16" O.C. (> 500 SF)	SF	\$4.02	\$5.60	\$0.00	\$9.62
101573	Cold-Formed Metal Floor / Roof Joist Up To 6", 18 GA, 24" O.C. (> 500 SF)	SF	\$3.09	\$3.46	\$0.00	\$6.55
101574	Cold-Formed Metal Floor / Roof Joist Up To 8", 18 GA, 12" O.C. (> 500 SF)	SF	\$5.82	\$8.36	\$0.00	\$14.18
101575	Cold-Formed Metal Floor / Roof Joist Up To 8", 18 GA, 16" O.C. (> 500 SF)	SF	\$4.47	\$6.44	\$0.00	\$10.91
101576	Cold-Formed Metal Floor / Roof Joist Up To 8", 18 GA, 24" O.C. (> 500 SF)	SF	\$3.44	\$3.97	\$0.00	\$7.41
101577	Cold-Formed Metal Floor / Roof Joist Up To 10", 18 GA, 12" O.C. (> 500 SF)	SF	\$6.13	\$9.20	\$0.00	\$15.33

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		Units	Labor	Material	Equipment	Total
101578	Cold-Formed Metal Floor / Roof Joist Up To 10", 18 GA, 16" O.C. (> 500 SF)	SF	\$4.72	\$7.08	\$0.00	\$11.80
101579	Cold-Formed Metal Floor / Roof Joist Up To 10", 18 GA, 24" O.C. (> 500 SF)	SF	\$3.62	\$4.38	\$0.00	\$8.00
101580	Cold-Formed Metal Floor / Roof Joist Up To 12", 18 GA, 12" O.C. (> 500 SF)	SF	\$6.45	\$10.12	\$0.00	\$16.57
101581	Cold-Formed Metal Floor / Roof Joist Up To 12", 18 GA, 16" O.C. (> 500 SF)	SF	\$4.96	\$7.79	\$0.00	\$12.75
101582	Cold-Formed Metal Floor / Roof Joist Up To 12", 18 GA, 24" O.C. (> 500 SF)	SF	\$3.82	\$4.82	\$0.00	\$8.64
101583	Cold-Formed Metal Floor / Roof Joist Up To 4", 16 GA, 12" O.C. (> 500 SF)	SF	\$6.75	\$8.55	\$0.00	\$15.30
101584	Cold-Formed Metal Floor / Roof Joist Up To 4", 16 GA, 16" O.C. (> 500 SF)	SF	\$5.20	\$6.57	\$0.00	\$11.77
101585	Cold-Formed Metal Floor / Roof Joist Up To 4", 16 GA, 24" O.C. (> 500 SF)	SF	\$4.00	\$4.08	\$0.00	\$8.08
101586	Cold-Formed Metal Floor / Roof Joist Up To 6", 16 GA, 12" O.C. (> 500 SF)	SF	\$7.10	\$10.06	\$0.00	\$17.16
101587	Cold-Formed Metal Floor / Roof Joist Up To 6", 16 GA, 16" O.C. (> 500 SF)	SF	\$5.46	\$7.74	\$0.00	\$13.20
101588	Cold-Formed Metal Floor / Roof Joist Up To 6", 16 GA, 24" O.C. (> 500 SF)	SF	\$4.20	\$4.79	\$0.00	\$8.99
101589	Cold-Formed Metal Floor / Roof Joist Up To 8", 16 GA, 12" O.C. (> 500 SF)	SF	\$7.88	\$11.57	\$0.00	\$19.45
101590	Cold-Formed Metal Floor / Roof Joist Up To 8", 16 GA, 16" O.C. (> 500 SF)	SF	\$6.07	\$8.90	\$0.00	\$14.97
101591	Cold-Formed Metal Floor / Roof Joist Up To 8", 16 GA, 24" O.C. (> 500 SF)	SF	\$4.67	\$5.52	\$0.00	\$10.19
101592	Cold-Formed Metal Floor / Roof Joist Up To 10", 16 GA, 12" O.C. (> 500 SF)	SF	\$8.29	\$12.73	\$0.00	\$21.02
101593	Cold-Formed Metal Floor / Roof Joist Up To 10", 16 GA, 16" O.C. (> 500 SF)	SF	\$6.38	\$9.79	\$0.00	\$16.17
101594	Cold-Formed Metal Floor / Roof Joist Up To 10", 16 GA, 24" O.C. (> 500 SF)	SF	\$4.91	\$6.07	\$0.00	\$10.98
101595	Cold-Formed Metal Floor / Roof Joist Up To 12", 16 GA, 12" O.C. (> 500 SF)	SF	\$8.73	\$13.99	\$0.00	\$22.72
101596	Cold-Formed Metal Floor / Roof Joist Up To 12", 16 GA, 16" O.C. (> 500 SF)	SF	\$6.73	\$10.76	\$0.00	\$17.49
101597	Cold-Formed Metal Floor / Roof Joist Up To 12", 16 GA, 24" O.C. (> 500 SF)	SF	\$5.18	\$6.68	\$0.00	\$11.86

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		Units	Labor	Material	Equipment	Total
101598	[Modifier] Quantity Premium - Cold-Formed Metal Joist Framing (101-500 SF) Quantity premium can be used when total square footage in section 05-42-00 Cold-Formed Metal Joist Framing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
101599	[Modifier] Quantity Premium - Cold-Formed Metal Joist Framing (51-100 SF) Quantity premium can be used when total square footage in section 05-42-00 Cold-Formed Metal Joist Framing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
101600	[Modifier] Quantity Premium - Cold-Formed Metal Joist Framing (< or = To 50 SF) Quantity premium can be used when Total square footage in section 05-42-00 Cold-Formed Metal Joist Framing are within stated quantities. Can be applied cumulatively To base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

05-44-00 Cold-Formed Metal Trusses

05-44-00 Cold-Formed Metal Trusses

101601	Cold-Formed Metal Roof Trusses Up To 4", 18 GA, 12" O.C. (> 500 SF)	SFRA	\$5.54	\$6.18	\$0.00	\$11.72
101602	Cold-Formed Metal Roof Trusses Up To 4", 18 GA, 16" O.C. (> 500 SF)	SFRA	\$4.27	\$4.75	\$0.00	\$9.02
101603	Cold-Formed Metal Roof Trusses Up To 4", 18 GA, 24" O.C. (> 500 SF)	SFRA	\$3.28	\$2.94	\$0.00	\$6.22
101604	Cold-Formed Metal Roof Trusses Up To 6", 18 GA, 12" O.C. (> 500 SF)	SFRA	\$5.82	\$7.28	\$0.00	\$13.10
101605	Cold-Formed Metal Roof Trusses Up To 6", 18 GA, 16" O.C. (> 500 SF)	SFRA	\$4.47	\$5.60	\$0.00	\$10.07
101606	Cold-Formed Metal Roof Trusses Up To 6", 18 GA, 24" O.C. (> 500 SF)	SFRA	\$3.44	\$3.46	\$0.00	\$6.90
101607	Cold-Formed Metal Roof Trusses Up To 8", 18 GA, 12" O.C. (> 500 SF)	SFRA	\$6.47	\$8.36	\$0.00	\$14.83
101608	Cold-Formed Metal Roof Trusses Up To 8", 18 GA, 16" O.C. (> 500 SF)	SFRA	\$4.97	\$6.44	\$0.00	\$11.41
101609	Cold-Formed Metal Roof Trusses Up To 8", 18 GA, 24" O.C. (> 500 SF)	SFRA	\$3.83	\$3.97	\$0.00	\$7.80
101610	Cold-Formed Metal Roof Trusses Up To 10", 18 GA, 12" O.C. (> 500 SF)	SFRA	\$6.81	\$9.20	\$0.00	\$16.01

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101611	Cold-Formed Metal Roof Trusses Up To 10", 18 GA, 16" O.C. (> 500 SF)	SFRA	\$5.23	\$7.08	\$0.00	\$12.31
101612	Cold-Formed Metal Roof Trusses Up To 10", 18 GA, 24" O.C. (> 500 SF)	SFRA	\$4.02	\$4.38	\$0.00	\$8.40
101613	Cold-Formed Metal Roof Trusses Up To 12", 18 GA, 12" O.C. (> 500 SF)	SFRA	\$7.16	\$10.12	\$0.00	\$17.28
101614	Cold-Formed Metal Roof Trusses Up To 12", 18 GA, 16" O.C. (> 500 SF)	SFRA	\$5.51	\$7.79	\$0.00	\$13.30
101615	Cold-Formed Metal Roof Trusses Up To 12", 18 GA, 24" O.C. (> 500 SF)	SFRA	\$4.23	\$4.82	\$0.00	\$9.05
101616	Cold-Formed Metal Roof Trusses Up To 4", 16 GA, 12" O.C. (> 500 SF)	SFRA	\$7.51	\$8.55	\$0.00	\$16.06
101617	Cold-Formed Metal Roof Trusses Up To 4", 16 GA, 16" O.C. (> 500 SF)	SFRA	\$5.78	\$6.57	\$0.00	\$12.35
101618	Cold-Formed Metal Roof Trusses Up To 4", 16 GA, 24" O.C. (> 500 SF)	SFRA	\$4.45	\$4.08	\$0.00	\$8.53
101619	Cold-Formed Metal Roof Trusses Up To 6", 16 GA, 12" O.C. (> 500 SF)	SFRA	\$7.88	\$10.06	\$0.00	\$17.94
101620	Cold-Formed Metal Roof Trusses Up To 6", 16 GA, 16" O.C. (> 500 SF)	SFRA	\$6.07	\$7.74	\$0.00	\$13.81
101621	Cold-Formed Metal Roof Trusses Up To 6", 16 GA, 24" O.C. (> 500 SF)	SFRA	\$4.67	\$4.79	\$0.00	\$9.46
101622	Cold-Formed Metal Roof Trusses Up To 8", 16 GA, 12" O.C. (> 500 SF)	SFRA	\$8.75	\$11.57	\$0.00	\$20.32
101623	Cold-Formed Metal Roof Trusses Up To 8", 16 GA, 16" O.C. (> 500 SF)	SFRA	\$6.74	\$8.90	\$0.00	\$15.64
101624	Cold-Formed Metal Roof Trusses Up To 8", 16 GA, 24" O.C. (> 500 SF)	SFRA	\$5.19	\$5.52	\$0.00	\$10.71
101625	Cold-Formed Metal Roof Trusses Up To 10", 16 GA, 12" O.C. (> 500 SF)	SFRA	\$9.21	\$12.73	\$0.00	\$21.94
101626	Cold-Formed Metal Roof Trusses Up To 10", 16 GA, 16" O.C. (> 500 SF)	SFRA	\$7.10	\$9.79	\$0.00	\$16.89
101627	Cold-Formed Metal Roof Trusses Up To 10", 16 GA, 24" O.C. (> 500 SF)	SFRA	\$5.46	\$6.07	\$0.00	\$11.53
101628	Cold-Formed Metal Roof Trusses Up To 12", 16 GA, 12" O.C. (> 500 SF)	SFRA	\$9.71	\$13.99	\$0.00	\$23.70
101629	Cold-Formed Metal Roof Trusses Up To 12", 16 GA, 16" O.C. (> 500 SF)	SFRA	\$7.48	\$10.76	\$0.00	\$18.24
101630	Cold-Formed Metal Roof Trusses Up To 12", 16 GA, 24" O.C. (> 500 SF)	SFRA	\$5.75	\$6.68	\$0.00	\$12.43

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		Units	Labor	Material	Equipment	Total
101631	[Modifier] Quantity Premium - Cold-Formed Metal Trusses (101-500 SF) Quantity premium can be used when total square footage in section 05-44-00 Cold-Formed Metal Trusses are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
101632	[Modifier] Quantity Premium - Cold-Formed Metal Trusses (51-100 SF) Quantity premium can be used when total square footage in section 05-44-00 Cold-Formed Metal Trusses are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
101633	[Modifier] Quantity Premium - Cold-Formed Metal Trusses (< or = to 50 SF) Quantity premium can be used when total square footage in section 05-44-00 Cold-Formed Metal Trusses are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

05-45-00 Metal Support Assemblies

For General Trades miscellaneous use only. Not to be combined with any of the MEP trades, since supports are covered in the MEP trades unit pricing. Includes all connectors, fasteners, and miscellaneous plates, posts, angles, tees, etc.

05-45-00 Metal Support Assemblies

For General Trades miscellaneous use only. Not to be combined with any of the MEP trades, since supports are covered in the MEP trades unit pricing. Includes all connectors, fasteners, and miscellaneous plates, posts, angles, tees, etc.

101634	Unistrut - 12 Gauge, Hot Dipped Galvanized, Up To 1 5/8" x 1 5/8" Channel Includes clamps, fittings, brackets, and hardware	LF	\$5.81	\$5.84	\$0.00	\$11.65
101635	Unistrut - 12 Gauge, Pre-Galvanized, Up To 1 5/8" x 1 5/8" Channel Includes clamps, fittings, brackets, and hardware	LF	\$5.81	\$4.07	\$0.00	\$9.88
101636	Unistrut - 12 Gauge, 304 Stainless Steel, Up To 1 5/8" x 1 5/8" Channel Includes clamps, fittings, brackets, and hardware	LF	\$6.68	\$16.85	\$0.00	\$23.53
101637	Unistrut - Threaded Rod, Galvanized, Up To 5/8" Diameter Includes threaded rod, concrete inserts and/or beam clamps, hex nuts and washers	LF	\$14.52	\$13.87	\$0.00	\$28.39
101638	Unistrut - Threaded Rod, Stainless Steel, Up To 5/8" Diameter Includes threaded rod, concrete inserts and/or beam clamps, hex nuts and washers	LF	\$14.52	\$26.94	\$0.00	\$41.46

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101639	Support – Folding Partition	LF	\$42.64	\$37.09	\$0.00	\$79.73
101640	Support – Toilet Partition	EA	\$191.85	\$114.48	\$0.00	\$306.33
101641	Support – Projection Screen	LF	\$31.27	\$16.70	\$0.00	\$47.97
101642	Support – TV	EA	\$106.58	\$159.01	\$0.00	\$265.59
101643	Support Patient Lifts	EA	\$7,732.26	\$7,950.00	\$0.00	\$15,682.26
101644	Healthcare Boom Support – Standard For the support of vibration sensitive medical equipment, such as surgical lights and equipment booms	EA	\$15,464.69	\$21,199.99	\$0.00	\$36,664.68
101645	Healthcare Boom Support – Extended For the support of vibration sensitive medical equipment, such as surgical lights and equipment booms. Can be used when finish floor to underside of structure exceeds 15'-0"	EA	\$25,773.79	\$31,800.00	\$0.00	\$57,573.79
101646	Jack Post	EA	\$201.19	\$265.00	\$0.00	\$466.19
05-50-00 Metal Fabrications						
05-51-00 Metal Stairs						
05-51-00 Metal Stairs						
101647	Steel Ladder Bolted Includes fastener method determined by project specifications and or engineering requirements	LF	\$38.34	\$68.90	\$0.00	\$107.24
101648	Steel Ladder Bolted With Cage Includes fastener method determined by project specifications and or engineering requirements	LF	\$38.34	\$95.40	\$0.00	\$133.74
101649	Stair – Alternating Tread – LF of Stair Rise Cost includes railing. Includes fastener method determined by project specifications and or engineering requirements	LF	\$38.34	\$243.80	\$0.00	\$282.14
101650	Metal Pan Stairs – Includes Concrete – LF of Stair Tread Cost includes primed steel framing for the stair system. Including, but not limited to stringers, plates, angles, channels, connections, etc.	LF	\$64.19	\$78.61	\$0.00	\$142.80
101651	Metal Pan Stairs (Galvanized) – Includes Concrete – LF of Stair Tread Cost includes galvanized steel framing for the stair system. Including, but not limited to stringers, plates, angles, channels, connections, etc.	LF	\$64.19	\$94.33	\$0.00	\$158.52

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101652	Metal Pan Landings – Includes Concrete Cost includes primed steel framing for the stair landing system. Including, but not limited to stringers, plates, angles, channels, connections, etc. Includes concrete fill for landings	SF	\$36.95	\$52.73	\$0.00	\$89.68
101653	Metal Pan Landings (Galvanized) – Includes Concrete Cost includes galvanized steel framing for the stair landing system. Including, but not limited to stringers, plates, angles, channels, connections, etc. Includes concrete fill for landings	SF	\$36.95	\$63.28	\$0.00	\$100.23
101654	Metal Grating Stair – LF of Stair Tread Cost includes primed steel framing for the stair system. Including, but not limited to stringers, plates, angles, channels, connections, etc.	LF	\$46.01	\$61.06	\$0.00	\$107.07
101655	Metal Grating Stair Landing Cost includes steel framing for the stair landing system. Including, but not limited to stringers, plates, angles, channels, connections, etc.	SF	\$25.86	\$36.92	\$0.00	\$62.78
101656	Custom Public Stair – LF of Stair Tread Cost is for a public communicating stair which will be wider and require a higher level of finish as compared to an egress stair. Includes primed steel framing for the stair system. Including, but not limited to stringers, plates, angles, channels, connections, etc.	LF	\$78.76	\$104.52	\$0.00	\$183.28
101657	Custom Public Stair Landings Cost includes primed steel framing for the stair landing system. Including, but not limited to stringers, plates, angles, channels, connections, etc. Includes concrete fill for landings	SF	\$44.34	\$63.28	\$0.00	\$107.62
101658	[Modifier] Small Stairs <20 LF of Tread Quantity premium can be used when total quantity in section 05-51-00 Metal Stairs are within stated quantity. Can be applied cumulatively to base line items.	LF	\$30.18	\$0.00	\$0.00	\$30.18

05-51-33 Metal Ladders

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101659	Folding Access Ladder Precision Ladders Super Simplex with fold assist or equal. Floor to floor height 11'-7". Ceiling opening size 30"w x 64"l	EA	\$362.51	\$6,422.50	\$0.00	\$6,785.01
05-51-36 Metal Walkways						
101660	Catwalk System Cost includes the entire catwalk system. Including, but not limited to required steel framing, connections, grating, railings, stairs, etc.	SF	\$37.72	\$145.22	\$0.00	\$182.94
05-52-00 Metal Railings						
<i>Metal railings are shop fabricated, primed, and painted</i>						
05-52-00 Metal Railings						
<i>Metal railings are shop fabricated, primed, and painted</i>						
101661	Wall Railing – Steel	LF	\$24.14	\$47.37	\$0.00	\$71.51
101662	Wall Railing – Galvanized	LF	\$24.14	\$56.84	\$0.00	\$80.98
101663	Wall Railing – Aluminum	LF	\$24.14	\$82.90	\$0.00	\$107.04
101664	Wall Railing – Stainless Steel	LF	\$24.14	\$130.27	\$0.00	\$154.41
101665	Two Line Railing – Steel	LF	\$45.72	\$91.72	\$0.00	\$137.44
101666	Two Line Railing – Galvanized	LF	\$45.72	\$110.06	\$0.00	\$155.78
101667	Two Line Railing – Aluminum	LF	\$45.72	\$160.52	\$0.00	\$206.24
101668	Two Line Railing – Stainless Steel	LF	\$45.72	\$252.24	\$0.00	\$297.96
101669	Three Line Railing – Steel	LF	\$50.30	\$114.65	\$0.00	\$164.95
101670	Three Line Railing – Galvanized	LF	\$50.30	\$137.58	\$0.00	\$187.88
101671	Three Line Railing – Aluminum	LF	\$50.30	\$200.64	\$0.00	\$250.94
101672	Three Line Railing – Stainless Steel	LF	\$50.30	\$315.28	\$0.00	\$365.58
101673	Four Line Railing – Steel	LF	\$54.87	\$137.59	\$0.00	\$192.46
101674	Four Line Railing – Galvanized	LF	\$54.87	\$165.10	\$0.00	\$219.97
101675	Four Line Railing – Aluminum	LF	\$54.87	\$240.78	\$0.00	\$295.65
101676	Four Line Railing – Stainless Steel	LF	\$54.87	\$378.37	\$0.00	\$433.24
101677	Five Line Railing – Steel	LF	\$60.96	\$157.62	\$0.00	\$218.58
101678	Five Line Railing – Galvanized	LF	\$60.96	\$189.14	\$0.00	\$250.10
101679	Five Line Railing – Aluminum	LF	\$60.96	\$275.84	\$0.00	\$336.80
101680	Five Line Railing – Stainless Steel	LF	\$60.96	\$433.46	\$0.00	\$494.42
101681	Handrail w/ Mesh Panels – Steel	LF	\$67.01	\$185.50	\$0.00	\$252.51
101682	Handrail w/ Mesh Panels – Galvanized	LF	\$67.01	\$222.60	\$0.00	\$289.61
101683	Handrail w/ Mesh Panels – Aluminum	LF	\$67.01	\$324.63	\$0.00	\$391.64
101684	Handrail w/ Mesh Panels – Stainless Steel	LF	\$67.01	\$510.13	\$0.00	\$577.14
101685	Handrail w/ Vertical Pickets – Steel	LF	\$67.01	\$174.90	\$0.00	\$241.91
101686	Handrail w/ Vertical Pickets – Galvanized	LF	\$67.01	\$209.88	\$0.00	\$276.89
101687	Handrail w/ Vertical Pickets – Aluminum	LF	\$67.01	\$306.08	\$0.00	\$373.09
101688	Handrail w/ Vertical Pickets – Stainless Steel	LF	\$67.01	\$480.97	\$0.00	\$547.98
05-53-00 Metal Gratings						
05-53-00 Metal Gratings						
101689	Aluminum Grating	SF	\$14.49	\$35.77	\$0.00	\$50.26

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101690	Steel Grating – Galvanized	SF	\$14.49	\$27.18	\$0.00	\$41.67
101691	Aluminum Diamond Plate	SF	\$12.08	\$17.48	\$0.00	\$29.56
101692	Steel Expanded Metal Grating	SF	\$14.49	\$9.15	\$0.00	\$23.64
101693	Aluminum Expanded Metal Grating	SF	\$14.49	\$12.08	\$0.00	\$26.57
101694	[Modifier] Quantity Premium - Metal Grating (101 – 500 SF) Quantity premium can be used when total square footage in section 05-53-00 Metal Grating are within stated quantity. Can be applied cumulatively to applicable line items. No premium for INFILL line items	SF	\$2.42	\$0.00	\$0.00	\$2.42
101695	[Modifier] Quantity Premium - Metal Grating (51 – 100 SF) Quantity premium can be used when total square footage in section 05-53-00 Metal Grating are within stated quantity. Can be applied cumulatively to applicable line items. No premium for INFILL line items	SF	\$6.04	\$0.00	\$0.00	\$6.04
101696	[Modifier] Quantity Premium - Metal Grating (< Or = To 50 SF) Quantity premium can be used when total square footage in section 05-53-00 Metal Grating are within stated quantity. Can be applied cumulatively to applicable line items. No premium for INFILL line items	SF	\$12.08	\$0.00	\$0.00	\$12.08

05-55-00 Metal Stair Treads and Nosings

05-55-16 Metal Stair Nosings

101697	Metal Stair Nosing – One Piece Extruded aluminum or equal	LF	\$12.08	\$11.07	\$0.00	\$23.15
101698	Metal Stair Nosing – Two Piece Extruded aluminum or equal	LF	\$13.41	\$13.25	\$0.00	\$26.66

05-58-00 Formed Metal Fabrications

05-58-00 Formed Metal Fabrications

101699	Aluminum Column Cover	SF	\$13.08	\$37.31	\$0.00	\$50.39
101700	Galvanized V-Track Cast in place or mechanically fastened	LF	\$9.05	\$15.90	\$0.00	\$24.95

05-59-00 Metal Specialties

05-59-00 Metal Specialties

101701	Davit Sleeve	EA	\$310.97	\$503.50	\$0.00	\$814.47
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05-70-00 Decorative Metal

05-71-00 Decorative Metal Stairs

05-71-13 Fabricated Metal Spiral Stairs

101702	Pre-Fabricated Spiral Stairs – Riser Count Based on aluminum construction, 48" diameter, 18 RI	EA	\$69.70	\$660.17	\$4.36	\$734.23
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05-73-00 Decorative Metal Railings

05-73-00 Decorative Metal Railings

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
101703	Glass and Stainless Steel Railing	LF	\$91.17	\$422.18	\$0.00	\$513.35
101704	Steel Wire Rope Railing – Galvanized	LF	\$54.87	\$137.59	\$0.00	\$192.46
101705	Aluminum Wire Rope Railing	LF	\$54.87	\$200.65	\$0.00	\$255.52
101706	Stainless Steel Wire Rope Railing	LF	\$54.87	\$315.29	\$0.00	\$370.16

06-00-00 Wood, Plastics, and Composites

Items in this category include all connections, fasteners, and anchors

06-00-00 Wood, Plastics, and Composites

Items in this category include all connections, fasteners, and anchors

06-01-00 Maintenance of Wood, Plastics, and Composites

06-01-20 Maintenance of Finish Carpentry

101707	Finish Carpentry Restoration – Casework Refinishing includes re-securing woodwork, selective patch and replace in kind, profile and finish	SF	\$52.32	\$5.30	\$0.00	\$57.62
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06-01-00 Maintenance of Wood, Plastics, and Composites

06-01-20 Maintenance of Finish Carpentry

06-01-20 Maintenance of Finish Carpentry

101708	Finish Carpentry Restoration – Wall / Ceiling Paneling Refinishing includes re-securing woodwork, selective patch and replace in kind, profile and finish	SF	\$34.89	\$5.30	\$0.00	\$40.19
101709	Finish Carpentry Restoration – Trim Refinishing includes re-securing woodwork, selective patch and replace in kind, profile and finish	LF	\$17.45	\$2.12	\$0.00	\$19.57
101710	Finish Carpentry Preservation – Casework Removal of soil and stains, light sanding, with repaint or re-stain without stripping finish	SF	\$6.98	\$5.30	\$0.00	\$12.28
101711	Finish Carpentry Preservation – Wall / Ceiling Paneling Removal of soil and stains, light sanding, with repaint or re-stain without stripping finish	SF	\$5.23	\$5.30	\$0.00	\$10.53
101712	Finish Carpentry Preservation – Trim Removal of soil and stains, light sanding, with repaint or re-stain without stripping finish	LF	\$2.99	\$2.12	\$0.00	\$5.11
101713	Replace Existing Cabinet Hardware Includes one full set of cabinetry hardware. Includes up to locksets, pulls, hinges, and closers. Includes all types of standard manufacture hardware and finish	SET	\$130.03	\$265.00	\$0.00	\$395.03

06-01-80 Maintenance of Composite Assemblies

101714	Composite Rehabilitation Cleaning, re-securing, and application of surface protectant	SF	\$1.43	\$0.37	\$0.00	\$1.80
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06-10-00 Rough Carpentry

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
06-10-53 Miscellaneous Rough Carpentry						
<i>Structural framing lumber includes but not limited to, regionally available, Kiln dried, PS DOC 2 graded dimensional solid wood in Pine, Spruce, Douglas-Fir or Hem-Fir, No. 2 or better. Costs are per LF of member unless noted otherwise</i>						
06-10-53 Miscellaneous Rough Carpentry						
<i>Structural framing lumber includes but not limited to, regionally available, Kiln dried, PS DOC 2 graded dimensional solid wood in Pine, Spruce, Douglas-Fir or Hem-Fir, No. 2 or better. Costs are per LF of member unless noted otherwise</i>						
101715	2X4 Blocking	LF	\$1.87	\$0.49	\$0.00	\$2.36
101716	2X4 Blocking – Pressure Treated	LF	\$1.87	\$0.59	\$0.00	\$2.46
101717	2X6 Blocking	LF	\$1.87	\$0.84	\$0.00	\$2.71
101718	2X6 Blocking – Pressure Treated	LF	\$1.87	\$1.01	\$0.00	\$2.88
101719	2X8 Blocking	LF	\$1.87	\$0.89	\$0.00	\$2.76
101720	2X8 Blocking – Pressure Treated	LF	\$1.87	\$1.07	\$0.00	\$2.94
101721	2X10 Blocking	LF	\$2.18	\$1.33	\$0.00	\$3.51
101722	2X10 Blocking – Pressure Treated	LF	\$2.18	\$1.60	\$0.00	\$3.78
101723	2X12 Blocking	LF	\$2.18	\$1.83	\$0.00	\$4.01
101724	2X12 Blocking – Pressure Treated	LF	\$2.18	\$2.18	\$0.00	\$4.36
101725	1X Wood Bridging 2 Piece	LF	\$1.97	\$0.88	\$0.00	\$2.85
101726	1X Wood Bridging 2 Piece – Pressure Treated	LF	\$1.97	\$1.05	\$0.00	\$3.02
101727	Metal Bridging Set	LF	\$1.10	\$3.13	\$0.00	\$4.23
101728	1x2 Furring	LF	\$0.72	\$0.80	\$0.00	\$1.52
101729	1x2 Furring – Pressure Treated	LF	\$0.72	\$0.96	\$0.00	\$1.68
101730	1x3 Furring	LF	\$0.72	\$0.82	\$0.00	\$1.54
101731	1x3 Furring – Pressure Treated	LF	\$0.72	\$0.98	\$0.00	\$1.70
06-11-00 Wood Framing						
06-11-16 Graded Lumber						
<i>Structural framing lumber includes but not limited to, regionally available, Kiln dried, PS DOC 2 graded dimensional solid wood in Pine, Spruce, Douglas-Fir or Hem-Fir, No. 2 or better. Pricing includes all plates, clips, fasteners, connections, curves, bracing, straps, and bridging</i>						
101732	2X4 Partitions Studs and Plates – 12" O.C. (> 500 SF)	SF	\$1.78	\$1.00	\$0.00	\$2.78
101733	2X4 Partitions Studs and Plates – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$1.78	\$1.21	\$0.00	\$2.99
101734	2X4 Partitions Studs and Plates – 16" O.C. (> 500 SF)	SF	\$1.62	\$0.91	\$0.00	\$2.53
101735	2X4 Partitions Studs and Plates – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$1.62	\$1.10	\$0.00	\$2.72
101736	2X4 Partitions Studs and Plates – 24" O.C. (> 500 SF)	SF	\$1.46	\$0.82	\$0.00	\$2.28
101737	2X4 Partitions Studs and Plates – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$1.46	\$0.99	\$0.00	\$2.45
101738	2X6 Partitions Studs and Plates – 12" O.C. (> 500 SF)	SF	\$2.15	\$1.30	\$0.00	\$3.45
101739	2X6 Partitions Studs and Plates – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$2.15	\$1.56	\$0.00	\$3.71
101740	2X6 Partitions Studs and Plates – 16" O.C. (> 500 SF)	SF	\$1.96	\$1.18	\$0.00	\$3.14
101741	2X6 Partitions Studs and Plates – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$1.96	\$1.43	\$0.00	\$3.39
101742	2X6 Partitions Studs and Plates – 24" O.C. (> 500 SF)	SF	\$1.76	\$1.07	\$0.00	\$2.83

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		Units	Labor	Material	Equipment	Total
101743	2X6 Partitions Studs and Plates – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$1.76	\$1.28	\$0.00	\$3.04
101744	2X8 Partitions Studs and Plates – 12" O.C. (> 500 SF)	SF	\$2.51	\$1.61	\$0.00	\$4.12
101745	2X8 Partitions Studs and Plates – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$2.51	\$1.93	\$0.00	\$4.44
101746	2X8 Partitions Studs and Plates – 16" O.C. (> 500 SF)	SF	\$2.28	\$1.46	\$0.00	\$3.74
101747	2X8 Partitions Studs and Plates – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$2.28	\$1.76	\$0.00	\$4.04
101748	2X8 Partitions Studs and Plates – 24" O.C. (> 500 SF)	SF	\$2.05	\$1.32	\$0.00	\$3.37
101749	2X8 Partitions Studs and Plates – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$2.05	\$1.57	\$0.00	\$3.62
101750	2X10 Partitions Studs and Plates – 12" O.C. (> 500 SF)	SF	\$3.04	\$2.01	\$0.00	\$5.05
101751	2X10 Partitions Studs and Plates – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$3.04	\$2.40	\$0.00	\$5.44
101752	2X10 Partitions Studs and Plates – 16" O.C. (> 500 SF)	SF	\$2.76	\$1.83	\$0.00	\$4.59
101753	2X10 Partitions Studs and Plates – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$2.76	\$2.18	\$0.00	\$4.94
101754	2X10 Partitions Studs and Plates – 24" O.C. (> 500 SF)	SF	\$2.48	\$1.65	\$0.00	\$4.13
101755	2X10 Partitions Studs and Plates – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$2.48	\$1.96	\$0.00	\$4.44
101756	2X12 Partitions Studs and Plates – 12" O.C. (> 500 SF)	SF	\$3.58	\$2.40	\$0.00	\$5.98
101757	2X12 Partitions Studs and Plates – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$3.58	\$2.89	\$0.00	\$6.47
101758	2X12 Partitions Studs and Plates – 16" O.C. (> 500 SF)	SF	\$3.25	\$2.18	\$0.00	\$5.43
101759	2X12 Partitions Studs and Plates – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$3.25	\$2.62	\$0.00	\$5.87
101760	2X12 Partitions Studs and Plates – 24" O.C. (> 500 SF)	SF	\$2.92	\$1.96	\$0.00	\$4.88
101761	2X12 Partitions Studs and Plates – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$2.92	\$2.36	\$0.00	\$5.28
101762	Frame In Door	SF	\$4.15	\$1.26	\$0.00	\$5.41
101763	Frame In Window	SF	\$4.15	\$1.46	\$0.00	\$5.61
101764	Infill Door Opening	SF	\$4.34	\$1.26	\$0.00	\$5.60
101765	Infill Window Opening	SF	\$4.34	\$1.46	\$0.00	\$5.80
101766	2X4 Floor Or Roof Joist – 12" O.C. (> 500 SF)	SF	\$2.06	\$1.00	\$0.00	\$3.06
101767	2X4 Floor Or Roof Joist – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$2.06	\$1.21	\$0.00	\$3.27
101768	2X4 Floor Or Roof Joist – 16" O.C. (> 500 SF)	SF	\$1.87	\$0.91	\$0.00	\$2.78

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		Units	Labor	Material	Equipment	Total
101769	2X4 Floor Or Roof Joist – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$1.87	\$1.10	\$0.00	\$2.97
101770	2X4 Floor Or Roof Joist – 24" O.C. (> 500 SF)	SF	\$1.68	\$0.82	\$0.00	\$2.50
101771	2X4 Floor Or Roof Joist – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$1.68	\$0.99	\$0.00	\$2.67
101772	2X6 Floor Or Roof Joist – 12" O.C. (> 500 SF)	SF	\$2.47	\$1.30	\$0.00	\$3.77
101773	2X6 Floor Or Roof Joist – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$2.47	\$1.56	\$0.00	\$4.03
101774	2X6 Floor Or Roof Joist – 16" O.C. (> 500 SF)	SF	\$2.24	\$1.18	\$0.00	\$3.42
101775	2X6 Floor Or Roof Joist – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$2.24	\$1.43	\$0.00	\$3.67
101776	2X6 Floor Or Roof Joist – 24" O.C. (> 500 SF)	SF	\$2.02	\$1.07	\$0.00	\$3.09
101777	2X6 Floor Or Roof Joist – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$2.02	\$1.28	\$0.00	\$3.30
101778	2X8 Floor Or Roof Joist – 12" O.C. (> 500 SF)	SF	\$2.88	\$1.61	\$0.00	\$4.49
101779	2X8 Floor Or Roof Joist – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$2.88	\$1.93	\$0.00	\$4.81
101780	2X8 Floor Or Roof Joist – 16" O.C. (> 500 SF)	SF	\$2.62	\$1.46	\$0.00	\$4.08
101781	2X8 Floor Or Roof Joist – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$2.62	\$1.76	\$0.00	\$4.38
101782	2X8 Floor Or Roof Joist – 24" O.C. (> 500 SF)	SF	\$2.36	\$1.32	\$0.00	\$3.68
101783	2X8 Floor Or Roof Joist – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$2.36	\$1.57	\$0.00	\$3.93
101784	2X10 Floor Or Roof Joist – 12" O.C. (> 500 SF)	SF	\$3.50	\$2.01	\$0.00	\$5.51
101785	2X10 Floor Or Roof Joist – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$3.50	\$2.40	\$0.00	\$5.90
101786	2X10 Floor Or Roof Joist – 16" O.C. (> 500 SF)	SF	\$3.17	\$1.83	\$0.00	\$5.00
101787	2X10 Floor Or Roof Joist – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$3.17	\$2.18	\$0.00	\$5.35
101788	2X10 Floor Or Roof Joist – 24" O.C. (> 500 SF)	SF	\$2.86	\$1.65	\$0.00	\$4.51
101789	2X10 Floor Or Roof Joist – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$2.86	\$1.96	\$0.00	\$4.82
101790	2X12 Floor Or Roof Joist – 12" O.C. (> 500 SF)	SF	\$4.12	\$2.40	\$0.00	\$6.52
101791	2X12 Floor Or Roof Joist – 12" O.C. (> 500 SF) – Pressure Treated	SF	\$4.12	\$2.89	\$0.00	\$7.01
101792	2X12 Floor Or Roof Joist – 16" O.C. (> 500 SF)	SF	\$3.74	\$2.18	\$0.00	\$5.92

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		Units	Labor	Material	Equipment	Total
101793	2X12 Floor Or Roof Joist – 16" O.C. (> 500 SF) – Pressure Treated	SF	\$3.74	\$2.62	\$0.00	\$6.36
101794	2X12 Floor Or Roof Joist – 24" O.C. (> 500 SF)	SF	\$3.37	\$1.96	\$0.00	\$5.33
101795	2X12 Floor Or Roof Joist – 24" O.C. (> 500 SF) – Pressure Treated	SF	\$3.37	\$2.36	\$0.00	\$5.73
101796	2X4 Rafter – 12" O.C. (> 500 SF)	SFRA	\$2.32	\$1.00	\$0.00	\$3.32
101797	2X4 Rafter – 12" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.32	\$1.21	\$0.00	\$3.53
101798	2X4 Rafter – 16" O.C. (> 500 SF)	SFRA	\$2.12	\$0.91	\$0.00	\$3.03
101799	2X4 Rafter – 16" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.12	\$1.10	\$0.00	\$3.22
101800	2X4 Rafter – 24" O.C. (> 500 SF)	SFRA	\$1.90	\$0.82	\$0.00	\$2.72
101801	2X4 Rafter – 24" O.C. (> 500 SF) – Pressure Treated	SFRA	\$1.90	\$0.99	\$0.00	\$2.89
101802	2X6 Rafter – 12" O.C. (> 500 SF)	SFRA	\$2.79	\$1.30	\$0.00	\$4.09
101803	2X6 Rafter – 12" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.79	\$1.56	\$0.00	\$4.35
101804	2X6 Rafter – 16" O.C. (> 500 SF)	SFRA	\$2.53	\$1.18	\$0.00	\$3.71
101805	2X6 Rafter – 16" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.53	\$1.43	\$0.00	\$3.96
101806	2X6 Rafter – 24" O.C. (> 500 SF)	SFRA	\$2.28	\$1.07	\$0.00	\$3.35
101807	2X6 Rafter – 24" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.28	\$1.28	\$0.00	\$3.56
101808	2X8 Rafter – 12" O.C. (> 500 SF)	SFRA	\$3.25	\$1.61	\$0.00	\$4.86
101809	2X8 Rafter – 12" O.C. (> 500 SF) – Pressure Treated	SFRA	\$3.25	\$1.93	\$0.00	\$5.18
101810	2X8 Rafter – 16" O.C. (> 500 SF)	SFRA	\$2.96	\$1.46	\$0.00	\$4.42
101811	2X8 Rafter – 16" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.96	\$1.76	\$0.00	\$4.72
101812	2X8 Rafter – 24" O.C. (> 500 SF)	SFRA	\$2.67	\$1.32	\$0.00	\$3.99
101813	2X8 Rafter – 24" O.C. (> 500 SF) – Pressure Treated	SFRA	\$2.67	\$1.57	\$0.00	\$4.24
101814	2X10 Rafter – 12" O.C. (> 500 SF)	SFRA	\$3.96	\$2.01	\$0.00	\$5.97
101815	2X10 Rafter – 12" O.C. (> 500 SF) – Pressure Treated	SFRA	\$3.96	\$2.40	\$0.00	\$6.36
101816	2X10 Rafter – 16" O.C. (> 500 SF)	SFRA	\$3.59	\$1.83	\$0.00	\$5.42
101817	2X10 Rafter – 16" O.C. (> 500 SF) – Pressure Treated	SFRA	\$3.59	\$2.18	\$0.00	\$5.77
101818	2X10 Rafter – 24" O.C. (> 500 SF)	SFRA	\$3.23	\$1.65	\$0.00	\$4.88
101819	2X10 Rafter – 24" O.C. (> 500 SF) – Pressure Treated	SFRA	\$3.23	\$1.96	\$0.00	\$5.19
101820	2X12 Rafter – 12" O.C. (> 500 SF)	SFRA	\$4.65	\$2.40	\$0.00	\$7.05
101821	2X12 Rafter – 12" O.C. (> 500 SF) – Pressure Treated	SFRA	\$4.65	\$2.89	\$0.00	\$7.54
101822	2X12 Rafter – 16" O.C. (> 500 SF)	SFRA	\$4.22	\$2.18	\$0.00	\$6.40
101823	2X12 Rafter – 16" O.C. (> 500 SF) – Pressure Treated	SFRA	\$4.22	\$2.62	\$0.00	\$6.84
101824	2X12 Rafter – 24" O.C. (> 500 SF)	SFRA	\$3.81	\$1.96	\$0.00	\$5.77
101825	2X12 Rafter – 24" O.C. (> 500 SF) – Pressure Treated	SFRA	\$3.81	\$2.36	\$0.00	\$6.17

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		Units	Labor	Material	Equipment	Total
101826	2x6 Header Or Beam 2x Built-up Beam with plywood filler	LF	\$3.44	\$1.57	\$0.00	\$5.01
101827	2x6 Header Or Beam – Pressure Treated 2x Built-up Beam with plywood filler	LF	\$3.44	\$1.89	\$0.00	\$5.33
101828	2x8 Header Or Beam 2x Built-up Beam with plywood filler	LF	\$4.15	\$1.62	\$0.00	\$5.77
101829	2x8 Header Or Beam – Pressure Treated 2x Built-up Beam with plywood filler	LF	\$4.15	\$1.94	\$0.00	\$6.09
101830	2x10 Header Or Beam 2x Built-up Beam with plywood filler	LF	\$4.76	\$2.06	\$0.00	\$6.82
101831	2x10 Header Or Beam – Pressure Treated 2x Built-up Beam with plywood filler	LF	\$4.76	\$2.46	\$0.00	\$7.22
101832	2x12 Header Or Beam 2x Built-up Beam with plywood filler	LF	\$5.04	\$2.55	\$0.00	\$7.59
101833	2x12 Header Or Beam – Pressure Treated 2x Built-up Beam with plywood filler	LF	\$5.04	\$3.06	\$0.00	\$8.10
101834	4x4 Post Or Column	LF	\$4.12	\$2.11	\$0.00	\$6.23
101835	4x4 Post Or Column – Pressure Treated	LF	\$4.12	\$2.54	\$0.00	\$6.66
101836	4x6 Post Or Column	LF	\$4.12	\$2.78	\$0.00	\$6.90
101837	4x6 Post Or Column – Pressure Treated	LF	\$4.12	\$3.34	\$0.00	\$7.46
101838	4x8 Post Or Column	LF	\$4.59	\$3.61	\$0.00	\$8.20
101839	4x8 Post Or Column – Pressure Treated	LF	\$4.59	\$4.34	\$0.00	\$8.93
101840	6x6 Post Or Column	LF	\$4.98	\$5.34	\$0.00	\$10.32
101841	6x6 Post Or Column – Pressure Treated	LF	\$4.98	\$6.40	\$0.00	\$11.38
101842	6x8 Post Or Column	LF	\$4.59	\$9.15	\$0.00	\$13.74
101843	6x8 Post Or Column – Pressure Treated	LF	\$4.59	\$10.98	\$0.00	\$15.57
101844	6x10 Post Or Column	LF	\$5.23	\$11.45	\$0.00	\$16.68
101845	6x10 Post Or Column – Pressure Treated	LF	\$5.23	\$13.73	\$0.00	\$18.96
101846	Prefabricated Rough Framed Stair – LF of Tread Includes, stringers, treads, riser, fasteners, blocking, hangers	LF	\$2.16	\$8.02	\$0.00	\$10.18
101847	Prefabricated Rough Framed Stair – LF of Tread – Pressure Treated Includes, stringers, treads, riser, fasteners, blocking, hangers	LF	\$2.16	\$9.62	\$0.00	\$11.78
101848	Site Built Rough Framed Stair – LF of Tread Includes, stringers, treads, riser, fasteners, blocking, hangers	LF	\$4.55	\$5.83	\$0.00	\$10.38

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		Units	Labor	Material	Equipment	Total
101849	Site Built Rough Framed Stair – LF of Tread – Pressure Treated Includes, stringers, treads, riser, fasteners, blocking, hangers	LF	\$4.55	\$7.00	\$0.00	\$11.55
101850	Prefabricated Rough Framed Stair Landing Section Includes, framing, sheathing, posts, fasteners, blocking, hangers	SF	\$9.53	\$64.13	\$0.00	\$73.66
101851	Prefabricated Rough Framed Stair Landing Section – Pressure Treated Includes, framing, sheathing, posts, fasteners, blocking, hangers	SF	\$9.53	\$76.96	\$0.00	\$86.49
101852	Site Built Rough Framed Stair Landing Section Includes, framing, sheathing, posts, fasteners, blocking, hangers	SF	\$26.88	\$45.18	\$0.00	\$72.06
101853	Site Built Rough Framed Stair Landing Section – Pressure Treated Includes, framing, sheathing, posts, fasteners, blocking, hangers	SF	\$26.88	\$54.22	\$0.00	\$81.10
101854	[Modifier] Small Stairs <20 LF of Tread Quantity premium can be used when total quantity in section 06-11-16 Mechanically Graded Lumber are within stated quantity. Can be applied cumulatively to base line items.	LF	\$26.16	\$0.00	\$0.00	\$26.16
101855	[Modifier] Small Quantity Framing <60 LF Quantity premium can be used when total quantity in section 06-11-16 Mechanically Graded Lumber are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72
101856	[Modifier] Quantity Premium - Graded Lumber (101-500 SF) Quantity premium can be used when total square footage in section 06-11-16 Graded Lumber are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
101857	[Modifier] Quantity Premium - Graded Lumber (51-100 SF) Quantity premium can be used when total square footage in section 06-11-16 Graded Lumber are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
101858	[Modifier] Quantity Premium - Graded Lumber (< or = to 50 SF) Quantity premium can be used when total square footage in section 06-11-16 Graded Lumber are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
101859	[Modifier] Seismic Framing Hardware For Roof Framing Seismic Framing Hardware/SF. Can apply where applicable by code. Includes required embeds for concrete and masonry for both horizontal and vertical applications	SF	\$0.54	\$0.87	\$0.00	\$1.41
101860	[Modifier] Seismic Framing Hardware For Wall Framing Seismic Framing Hardware/SF. Can apply where applicable by code. Includes required embeds for concrete and masonry for both horizontal and vertical applications	SF	\$0.25	\$0.46	\$0.00	\$0.71
101861	[Modifier] Seismic Framing Hardware For Floor Framing Seismic Framing Hardware/SF. Can apply where applicable by code. Includes required embeds for concrete and masonry for both horizontal and vertical applications	SF	\$0.30	\$0.60	\$0.00	\$0.90

06-12-00 Structural Panels

06-12-00 Structural Panels

101862	Up to 4.5in Structural Insulated Panels (SIPs) Panels 1/2" OSB 2 Sides EPS Core R16	SF	\$2.43	\$9.09	\$0.00	\$11.52
101863	Up to 4.5in Structural Insulated Panels (SIPs) Panels 1/2" OSB 2 Sides EPS Core R16 – Pressure Treated	SF	\$2.43	\$10.91	\$0.00	\$13.34
101864	Up to 6.5in Structural Insulated Panels (SIPs) Panels 1/2" OSB 2 Sides EPS Core R24	SF	\$2.43	\$9.89	\$0.00	\$12.32
101865	Up to 6.5in Structural Insulated Panels (SIPs) Panels 1/2" OSB 2 Sides EPS Core R24 – Pressure Treated	SF	\$2.43	\$11.86	\$0.00	\$14.29
101866	Up to 8.25in Structural Insulated Panels (SIPs) Panels 1/2" OSB 2 Sides EPS Core R32	SF	\$2.43	\$10.73	\$0.00	\$13.16
101867	Up to 8.25in Structural Insulated Panels (SIPs) Panels 1/2" OSB 2 Sides EPS Core R32 – Pressure Treated	SF	\$2.43	\$12.87	\$0.00	\$15.30
101868	Structural Insulated Panels (SIPs) Panels Raceway Routing	LF	\$2.62	\$0.00	\$0.00	\$2.62

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		Units	Labor	Material	Equipment	Total
101869	[Modifier] Structural Insulated Panels (SIPs) Panels Size Adjustment Line item can be used to account for larger panel sizes. Can be applied cumulatively to base line items	SF	\$1.61	\$4.24	\$0.00	\$5.85
101870	[Modifier] Small Quantity of Structural Insulated Panels (SIPs) <200 SF Quantity premium can be used when total quantity in section 06-12-00 Structural Panels are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

06-13-00 Heavy Timber Construction

Items in this category include all connections, fasteners, and anchors

06-13-00 Heavy Timber Construction

Items in this category include all connections, fasteners, and anchors

101871	Up to 4x6 Timber Framing	LF	\$9.69	\$1.93	\$0.00	\$11.62
101872	Up to 4x6 Timber Framing – Pressure Treated	LF	\$9.69	\$2.30	\$0.00	\$11.99
101873	Up to 4x8 Timber Framing	LF	\$9.69	\$2.54	\$0.00	\$12.23
101874	Up to 4x8 Timber Framing – Pressure Treated	LF	\$9.69	\$3.04	\$0.00	\$12.73
101875	Up to 4x10 Timber Framing	LF	\$10.68	\$3.29	\$0.00	\$13.97
101876	Up to 4x10 Timber Framing – Pressure Treated	LF	\$10.68	\$3.94	\$0.00	\$14.62
101877	Up to 4x12 Timber Framing	LF	\$11.63	\$4.85	\$0.00	\$16.48
101878	Up to 4x12 Timber Framing – Pressure Treated	LF	\$11.63	\$5.83	\$0.00	\$17.46
101879	Up to 6x8 Timber Framing	LF	\$10.68	\$8.33	\$0.00	\$19.01
101880	Up to 6x8 Timber Framing – Pressure Treated	LF	\$10.68	\$9.98	\$0.00	\$20.66
101881	Up to 6x10 Timber Framing	LF	\$12.17	\$10.40	\$0.00	\$22.57
101882	Up to 6x10 Timber Framing – Pressure Treated	LF	\$12.17	\$12.48	\$0.00	\$24.65
101883	Up to 6x12 Timber Framing	LF	\$20.12	\$12.48	\$0.00	\$32.60
101884	Up to 6x12 Timber Framing – Pressure Treated	LF	\$20.12	\$14.98	\$0.00	\$35.10
101885	Timber Roof Truss Scissors truss, up to 40' span, up to 9/12 pitch, with overhangs. Includes 3rd party engineering, fabrication, delivery and installation.	EA	\$1,967.37	\$10,511.23	\$0.00	\$12,478.60
101886	Timber Roof Truss – Pressure Treated Scissors truss, up to 40' span, up to 9/12 pitch, with overhangs. Includes 3rd party engineering, fabrication, delivery and installation.	EA	\$1,967.37	\$12,613.47	\$0.00	\$14,580.84

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		Units	Labor	Material	Equipment	Total
101887	[Modifier] Timber Framing Size Adjustment Line item can be used to account for larger beam sizes. Can be applied cumulatively to base line items	LF	\$6.98	\$2.65	\$0.00	\$9.63
101888	[Modifier] Small Quantity Timber Framing <60 LF Quantity premium can be used when total quantity in section 06-13-00 Heavy Timber Construction are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72

06-15-00 Wood Decking

06-15-00 Wood Decking

101889	Car Decking Tongue and Groove (T and G) 2 x 6 Tight Knot	SF	\$1.31	\$4.38	\$0.00	\$5.69
101890	Car Decking Tongue and Groove (T and G) 3 x 6 Tight Knot	SF	\$1.61	\$5.46	\$0.00	\$7.07
101891	Car Decking Tongue and Groove (T and G) Pressure Treated 5/4 x 6 Tight Knot	SF	\$1.23	\$4.01	\$0.00	\$5.24
101892	Car Decking Tongue and Groove (T and G) Pressure Treated 2 x 6 Tight Knot	SF	\$1.31	\$6.19	\$0.00	\$7.50
101893	Car Decking Tongue and Groove (T and G) Pressure Treated 3 x 6 Tight Knot	SF	\$1.61	\$7.29	\$0.00	\$8.90
101894	Car Decking Tongue and Groove (T and G) 1 x 6 Tight Knot	SF	\$0.91	\$1.00	\$0.00	\$1.91
101895	4" Laminated Wood Roof Deck	SF	\$3.08	\$15.05	\$0.00	\$18.13
101896	[Modifier] Small Quantity of Decking <200 SF Quantity premium can be used when total quantity in section 06-15-00 Wood Decking are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

06-16-00 Sheathing

06-16-00 Sheathing

101897	Sheathing 1/4" AC Plywood	SF	\$1.05	\$1.34	\$0.00	\$2.39
101898	Sheathing 1/4" AC Plywood – Pressure Treated	SF	\$1.05	\$1.61	\$0.00	\$2.66
101899	Sheathing 3/8" AC Plywood	SF	\$1.06	\$1.43	\$0.00	\$2.49
101900	Sheathing 3/8" AC Plywood – Pressure Treated	SF	\$1.06	\$1.72	\$0.00	\$2.78
101901	Sheathing 1/2" AC Plywood	SF	\$1.06	\$1.72	\$0.00	\$2.78
101902	Sheathing 1/2" AC Plywood – Pressure Treated	SF	\$1.06	\$2.06	\$0.00	\$3.12
101903	Sheathing 1/2" CDX Plywood	SF	\$1.26	\$0.91	\$0.00	\$2.17
101904	Sheathing 1/2" CDX Plywood – Pressure Treated	SF	\$1.26	\$1.10	\$0.00	\$2.36
101905	Sheathing 5/8" CDX Plywood	SF	\$1.39	\$1.18	\$0.00	\$2.57
101906	Sheathing 5/8" CDX Plywood – Pressure Treated	SF	\$1.06	\$1.78	\$0.00	\$2.84
101907	Sheathing 3/4" CDX Plywood	SF	\$1.26	\$1.55	\$0.00	\$2.81

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		Units	Labor	Material	Equipment	Total
101908	Sheathing 3/4" CDX Plywood – Pressure Treated	SF	\$1.06	\$2.32	\$0.00	\$3.38
101909	Sheathing 5/8" Tongue and Groove (T and G) CDX Plywood	SF	\$1.06	\$1.49	\$0.00	\$2.55
101910	Sheathing 5/8" Tongue and Groove (T and G) CDX Plywood – Pressure Treated	SF	\$1.36	\$3.29	\$0.00	\$4.65
101911	Sheathing 3/4" Tongue and Groove (T and G) CDX Plywood	SF	\$1.06	\$1.93	\$0.00	\$2.99
101912	Sheathing 3/4" Tongue and Groove (T and G) CDX Plywood – Pressure Treated	SF	\$0.77	\$1.54	\$0.00	\$2.31
101913	Sheathing 1 1/8" Tongue and Groove (T and G) CDX Plywood	SF	\$1.36	\$2.74	\$0.00	\$4.10
101914	Sheathing 1 1/8" Tongue and Groove (T and G) CDX Plywood – Pressure Treated	SF	\$1.02	\$2.00	\$0.00	\$3.02
101915	Sheathing 1/2" BC Fire Retardant	SF	\$0.77	\$1.28	\$0.00	\$2.05
101916	Sheathing 1/2" BC Fire Retardant – Pressure Treated	SF	\$1.06	\$2.60	\$0.00	\$3.66
101917	Sheathing 5/8" BC Fire Retardant	SF	\$1.02	\$1.66	\$0.00	\$2.68
101918	Sheathing 5/8" BC Fire Retardant – Pressure Treated	SF	\$1.06	\$3.24	\$0.00	\$4.30
101919	Sheathing 3/4" BC Fire Retardant	SF	\$1.06	\$2.16	\$0.00	\$3.22
101920	Sheathing 3/4" BC Fire Retardant – Pressure Treated	SF	\$1.06	\$0.93	\$0.00	\$1.99
101921	Sheathing 3/4" Tongue and Groove (T and G) BC Fire Retardant	SF	\$1.06	\$2.71	\$0.00	\$3.77
101922	Sheathing 3/4" Tongue and Groove (T and G) BC Fire Retardant – Pressure Treated	SF	\$1.06	\$0.96	\$0.00	\$2.02
101923	Sheathing 7/16" Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$0.77	\$0.00	\$1.83
101924	Sheathing 7/16" Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.06	\$1.16	\$0.00	\$2.22
101925	Sheathing 1/2" Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$0.80	\$0.00	\$1.86
101926	Sheathing 5/8" Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.06	\$1.39	\$0.00	\$2.45
101927	Sheathing 9/16" Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$0.96	\$0.00	\$2.02
101928	Sheathing 9/16" Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.06	\$1.67	\$0.00	\$2.73
101929	Sheathing 5/8" Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$1.16	\$0.00	\$2.22
101930	Sheathing 5/8" Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.36	\$2.68	\$0.00	\$4.04
101931	Sheathing 3/4" Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$1.39	\$0.00	\$2.45
101932	Sheathing 3/4" Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$0.77	\$1.30	\$0.00	\$2.07
101933	Sheathing 1 1/8" Oriented Strand Board (OSB) Sheathing	SF	\$1.36	\$2.23	\$0.00	\$3.59

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		Units	Labor	Material	Equipment	Total
101934	Sheathing 1 1/8" Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.06	\$2.43	\$0.00	\$3.49
101935	Sheathing 7/16" Structural Oriented Strand Board (OSB) Sheathing	SF	\$0.77	\$1.08	\$0.00	\$1.85
101936	Sheathing 7/16" Structural Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.39	\$1.43	\$0.00	\$2.82
101937	Sheathing 15/32" Structural Oriented Strand Board (OSB) Sheathing	SF	\$0.77	\$1.11	\$0.00	\$1.88
101938	Sheathing 15/32" Structural Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$0.77	\$1.33	\$0.00	\$2.10
101939	Sheathing 1/2" Structural Oriented Strand Board (OSB) Sheathing	SF	\$0.77	\$1.12	\$0.00	\$1.89
101940	Sheathing 1/2" Structural Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.26	\$1.85	\$0.00	\$3.11
101941	Sheathing 9/16" Structural Oriented Strand Board (OSB) Sheathing	SF	\$0.77	\$1.35	\$0.00	\$2.12
101942	Sheathing 9/16" Structural Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$0.77	\$1.34	\$0.00	\$2.11
101943	Sheathing 5/8" Structural Oriented Strand Board (OSB) Sheathing	SF	\$1.02	\$1.62	\$0.00	\$2.64
101944	Sheathing 5/8" Structural Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$0.77	\$1.62	\$0.00	\$2.39
101945	Sheathing 3/4" Structural Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$1.95	\$0.00	\$3.01
101946	Sheathing 3/4" Structural Oriented Strand Board (OSB) Sheathing – Pressure Treated	SF	\$1.02	\$1.94	\$0.00	\$2.96
101947	Sheathing 5/8" Tongue and Groove (T and G) Structural Oriented Strand Board (OSB) Sheathing	SF	\$1.06	\$2.02	\$0.00	\$3.08
101948	Sheathing 5/8" Tongue and Groove (T and G) Structural Oriented Strand Board (OSB) – Pressure Treated	SF	\$1.06	\$2.34	\$0.00	\$3.40
101949	Sheathing 1/2" AC Pressure Treated AG CDX	SF	\$0.77	\$1.72	\$0.00	\$2.49
101950	Sheathing 5/8" AC Pressure Treated AG CDX	SF	\$0.77	\$1.89	\$0.00	\$2.66
101951	Sheathing 3/4" AC Pressure Treated AG CDX	SF	\$0.77	\$2.08	\$0.00	\$2.85
101952	Sheathing 1/4" Fiber Cement Board	SF	\$1.02	\$1.65	\$0.00	\$2.67
101953	Sheathing 1/2 Fiber Cement Board	SF	\$1.23	\$1.89	\$0.00	\$3.12
101954	Sheathing 5/8" Gypsum Sheathing Exterior	SF	\$0.91	\$0.51	\$0.00	\$1.42

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		Units	Labor	Material	Equipment	Total
101955	Sheathing 5/8" Fiberglass Reinforced Gypsum Sheathing	SF	\$0.91	\$0.59	\$0.00	\$1.50
101956	Sheathing 1/2" Fiberglass Reinforced Gypsum Sheathing	SF	\$0.91	\$0.73	\$0.00	\$1.64
101957	Sheathing 1/8" Masonite	SF	\$0.77	\$0.49	\$0.00	\$1.26
101958	[Modifier] Small Quantity of Sheathing <200 SF Quantity premium can be used when total quantity in section 06-16-00 Sheathing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

06-17-00 Shop-Fabricated Structural Wood

06-17-11 Laminated Strand Lumber

Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections

101959	Up to 9.5" Deep Laminated Strand Lumber (LSL)	LF	\$1.02	\$2.95	\$0.00	\$3.97
101960	Up to 9.5" Deep Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$1.02	\$3.55	\$0.00	\$4.57
101961	Up to 12" Deep Laminated Strand Lumber (LSL)	LF	\$1.02	\$3.28	\$0.00	\$4.30
101962	Up to 12" Deep Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$1.02	\$3.94	\$0.00	\$4.96
101963	Up to 14" Deep Laminated Strand Lumber (LSL)	LF	\$1.02	\$3.94	\$0.00	\$4.96
101964	Up to 14" Deep Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$1.02	\$4.73	\$0.00	\$5.75
101965	Up to 16" Deep Laminated Strand Lumber (LSL)	LF	\$1.25	\$4.36	\$0.00	\$5.61
101966	Up to 16" Deep Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$1.25	\$5.24	\$0.00	\$6.49
101967	[Modifier] Laminated Strand Lumber (LSL) Size Adjustment Line item can be used to account for larger sizes. Can be applied cumulatively to base line items	LF	\$0.80	\$1.90	\$0.00	\$2.70
101968	[Modifier] Laminated Strand Lumber (LSL) <60 LF Quantity premium can be used when total quantity in section 06-17-11 Laminated Strand Lumber are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72

06-17-13 Laminated Veneer Lumber

Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections

101969	Up to 9.5" Deep Laminated Strand Lumber (LSL)	LF	\$1.02	\$3.28	\$0.00	\$4.30
101970	Up to 9.5" Deep Laminated Veneer (LSL) – Pressure Treated Lumber – Pressure Treated	LF	\$1.02	\$3.94	\$0.00	\$4.96
101971	Up to 12" Deep Laminated Strand Lumber (LSL)	LF	\$1.02	\$3.64	\$0.00	\$4.66

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		Units	Labor	Material	Equipment	Total
101972	Up to 12" Deep Laminated Strand Lumber (LSL) – Pressure Treated Lumber – Pressure Treated	LF	\$1.02	\$4.38	\$0.00	\$5.40
101973	Up to 14" Deep Laminated Strand Lumber (LSL)	LF	\$1.02	\$4.38	\$0.00	\$5.40
101974	Up to 14" Laminated Strand Lumber (LSL) – Pressure Treated Lumber – Pressure Treated	LF	\$1.02	\$5.25	\$0.00	\$6.27
101975	Up to 16" Laminated Strand Lumber (LSL)	LF	\$1.25	\$4.85	\$0.00	\$6.10
101976	Up to 16" Laminated Strand Lumber (LSL) – Pressure Treated Lumber – Pressure Treated	LF	\$1.25	\$5.83	\$0.00	\$7.08
101977	[Modifier] Laminated Strand Lumber (LSL) Size Adjustment Line item can be used to account for larger sizes. Can be applied cumulatively to base line items	LF	\$0.80	\$2.12	\$0.00	\$2.92
101978	[Modifier] Laminated Strand Lumber (LSL) <60 LF Quantity premium can be used when total quantity in section 06-17-13 Laminated Veneer Lumber are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72

06-17-23 Parallel Strand Lumber

Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections

101979	Up to 6" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$6.82	\$20.41	\$0.00	\$27.23
101980	Up to 6" Parallel Laminated Strand Lumber (LSL) 3-1/2" – Pressure Treated	LF	\$6.82	\$24.49	\$0.00	\$31.31
101981	Up to 8" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$6.82	\$23.32	\$0.00	\$30.14
101982	Up to 8" Parallel Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$6.82	\$27.99	\$0.00	\$34.81
101983	Up to 12" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$6.06	\$26.23	\$0.00	\$32.29
101984	Up to 12" Parallel Laminated Strand Lumber (LSL) 3-1/2" – Pressure Treated	LF	\$6.06	\$31.49	\$0.00	\$37.55
101985	Up to 14" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$6.06	\$32.06	\$0.00	\$38.12
101986	Up to 14" Parallel Laminated Strand Lumber (LSL) 3-1/2" – Pressure Treated	LF	\$6.06	\$38.48	\$0.00	\$44.54
101987	Up to 16" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$6.06	\$53.93	\$0.00	\$59.99
101988	Up to 16" Parallel Laminated Strand Lumber (LSL) 3-1/2" – Pressure Treated	LF	\$6.06	\$64.72	\$0.00	\$70.78
101989	Up to 18" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$5.45	\$55.39	\$0.00	\$60.84

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		Units	Labor	Material	Equipment	Total
101990	Up to 18" Parallel Laminated Strand Lumber (LSL) 3-1/2" – Pressure Treated	LF	\$5.45	\$66.46	\$0.00	\$71.91
101991	Up to 20" Parallel Laminated Strand Lumber (LSL) 3-1/2"	LF	\$5.45	\$61.22	\$0.00	\$66.67
101992	Up to 20" Parallel Laminated Strand Lumber (LSL) 3-1/2" – Pressure Treated	LF	\$5.45	\$73.46	\$0.00	\$78.91
101993	Up to 4" x 4" Parallel Laminated Strand Lumber (LSL)	LF	\$6.82	\$20.41	\$0.00	\$27.23
101994	Up to 4" x 4" Parallel Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$6.82	\$24.49	\$0.00	\$31.31
101995	Up to 6" x 6" Parallel Laminated Strand Lumber (LSL)	LF	\$6.82	\$23.32	\$0.00	\$30.14
101996	Up to 6" x 6" Parallel Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$6.82	\$27.99	\$0.00	\$34.81
101997	Up to 8" x 8" Parallel Laminated Strand Lumber (LSL)	LF	\$6.06	\$26.23	\$0.00	\$32.29
101998	Up to 8" x 8" Parallel Laminated Strand Lumber (LSL) – Pressure Treated	LF	\$6.06	\$31.49	\$0.00	\$37.55
101999	[Modifier] Parallel Strand Size Adjustment Line item can be used to account for larger sizes. Can be applied cumulatively to base line items	LF	\$3.48	\$10.61	\$0.00	\$14.09
102000	[Modifier] Parallel Strand Adjustment for Small Quantity <60 LF Quantity premium can be used when total quantity in section 06-17-23 Parallel Strand Lumber are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72
06-17-33 Truss Joist						
<i>TJI or equal. Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections</i>						
102001	Up to 9.5" Truss Joist TJI 210 Joist	LF	\$2.91	\$4.79	\$0.00	\$7.70
102002	Up to 9.5" Truss Joist TJI 210 Joist – Pressure Treated	LF	\$2.91	\$5.75	\$0.00	\$8.66
102003	Up to 12" Truss Joist TJI 210 Joist	LF	\$2.91	\$5.29	\$0.00	\$8.20
102004	Up to 12" Truss Joist TJI 210 Joist – Pressure Treated	LF	\$2.91	\$6.35	\$0.00	\$9.26
102005	Up to 14" Truss Joist TJI 210 Joist	LF	\$3.44	\$6.05	\$0.00	\$9.49
102006	Up to 14" Truss Joist TJI 210 Joist – Pressure Treated	LF	\$3.44	\$7.25	\$0.00	\$10.69
102007	Up to 16" Truss Joist TJI 210 Joist	LF	\$3.45	\$6.80	\$0.00	\$10.25
102008	Up to 16" Truss Joist TJI 210 Joist – Pressure Treated	LF	\$3.45	\$8.17	\$0.00	\$11.62
102009	Up to 9.5" Truss Joist TJI 230 Joist	LF	\$2.91	\$6.05	\$0.00	\$8.96
102010	Up to 9.5" Truss Joist TJI 230 Joist – Pressure Treated	LF	\$2.91	\$7.25	\$0.00	\$10.16

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		Units	Labor	Material	Equipment	Total
102011	Up to 12" Truss Joist TJI 230 Joist	LF	\$2.91	\$6.80	\$0.00	\$9.71
102012	Up to 12" Truss Joist TJI 230 Joist – Pressure Treated	LF	\$2.91	\$8.17	\$0.00	\$11.08
102013	Up to 14" Truss Joist TJI 230 Joist	LF	\$3.44	\$7.57	\$0.00	\$11.01
102014	Up to 14" Truss Joist TJI 230 Joist – Pressure Treated	LF	\$3.44	\$9.08	\$0.00	\$12.52
102015	Up to 16" Truss Joist TJI 230 Joist	LF	\$3.45	\$8.33	\$0.00	\$11.78
102016	Up to 16" Truss Joist TJI 230 Joist – Pressure Treated	LF	\$3.45	\$9.98	\$0.00	\$13.43
102017	Up to 9.5" Open Web TJL Wood Joist	LF	\$2.91	\$5.28	\$0.00	\$8.19
102018	Up to 9.5" Open Web TJL Wood Joist – Pressure Treated	LF	\$2.91	\$6.33	\$0.00	\$9.24
102019	Up to 12" Open Web TJL Wood Joist	LF	\$2.91	\$5.83	\$0.00	\$8.74
102020	Up to 12" Open Web TJL Wood Joist – Pressure Treated	LF	\$2.91	\$6.98	\$0.00	\$9.89
102021	Up to 14" Open Web TJL Wood Joist	LF	\$3.44	\$6.66	\$0.00	\$10.10
102022	Up to 14" Open Web TJL Wood Joist – Pressure Treated	LF	\$3.44	\$7.98	\$0.00	\$11.42
102023	Up to 16" Open Web TJL Wood Joist	LF	\$3.45	\$7.48	\$0.00	\$10.93
102024	Up to 16" Open Web TJL Wood Joist – Pressure Treated	LF	\$3.45	\$8.98	\$0.00	\$12.43
102025	Up to 9.5" Open Web TJW Wood Joist	LF	\$2.91	\$6.66	\$0.00	\$9.57
102026	Up to 9.5" Open Web TJW Wood Joist – Pressure Treated	LF	\$2.91	\$7.98	\$0.00	\$10.89
102027	Up to 12" Open Web TJW Wood Joist	LF	\$2.91	\$7.48	\$0.00	\$10.39
102028	Up to 12" Open Web TJW Wood Joist – Pressure Treated	LF	\$2.91	\$8.98	\$0.00	\$11.89
102029	Up to 14" Open Web TJW Wood Joist	LF	\$3.44	\$8.33	\$0.00	\$11.77
102030	Up to 14" Open Web TJW Wood Joist – Pressure Treated	LF	\$3.44	\$9.98	\$0.00	\$13.42
102031	Up to 16" Open Web TJW Wood Joist	LF	\$3.45	\$9.15	\$0.00	\$12.60
102032	Up to 16" Open Web TJW Wood Joist – Pressure Treated	LF	\$3.45	\$10.98	\$0.00	\$14.43
102033	[Modifier] Truss and Open Web Wood Joist Size Adjustment Line item can be used to account for larger sizes. Can be applied cumulatively to base line items	LF	\$2.09	\$3.71	\$0.00	\$5.80
102034	[Modifier] Truss and Open Web Wood Joist <60 LF Quantity premium can be used when total quantity in section 06-17-33 Wood I-Joists are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72

06-17-53 Shop-Fabricated Wood Trusses

2x dimensional lumber construction with framing connectors, sized to carry design loads. Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102035	Pre-Assembled Wood Truss Up To 4/12 Pitch 0-14 FT Span	EA	\$81.76	\$158.87	\$0.00	\$240.63
102036	Pre-Assembled Wood Truss Up To 4/12 Pitch 0-14 FT Span – Pressure Treated	EA	\$81.76	\$190.64	\$0.00	\$272.40
102037	Pre-Assembled Wood Truss Up To 4/12 Pitch 14-18 FT Span	EA	\$85.79	\$204.05	\$0.00	\$289.84
102038	Pre-Assembled Wood Truss Up To 4/12 Pitch 14-18 FT Span – Pressure Treated	EA	\$85.79	\$244.86	\$0.00	\$330.65
102039	Pre-Assembled Wood Truss Up To 4/12 Pitch 18-22 FT Span	EA	\$88.70	\$247.77	\$0.00	\$336.47
102040	Pre-Assembled Wood Truss Up To 4/12 Pitch 18-22 FT Span – Pressure Treated	EA	\$88.70	\$297.33	\$0.00	\$386.03
102041	Pre-Assembled Wood Truss Up To 4/12 Pitch 22-26 FT Span	EA	\$93.45	\$292.96	\$0.00	\$386.41
102042	Pre-Assembled Wood Truss Up To 4/12 Pitch 22-26 FT Span – Pressure Treated	EA	\$93.45	\$351.55	\$0.00	\$445.00
102043	Pre-Assembled Wood Truss Up To 4/12 Pitch 26-30 FT Span	EA	\$98.74	\$338.14	\$0.00	\$436.88
102044	Pre-Assembled Wood Truss Up To 4/12 Pitch 26-30 FT Span – Pressure Treated	EA	\$98.74	\$405.77	\$0.00	\$504.51
102045	Pre-Assembled Wood Truss Up To 4/12 Pitch 34-38 FT Span	EA	\$109.02	\$428.50	\$0.00	\$537.52
102046	Pre-Assembled Wood Truss Up To 4/12 Pitch 34-38 FT Span – Pressure Treated	EA	\$109.02	\$514.21	\$0.00	\$623.23
102047	Pre-Assembled Wood Truss Up To 4/12 Pitch 38-50 FT Span	EA	\$113.76	\$564.06	\$0.00	\$677.82
102048	Pre-Assembled Wood Truss Up To 4/12 Pitch 38-50 FT Span – Pressure Treated	EA	\$113.76	\$676.86	\$0.00	\$790.62
102049	Pre-Assembled Wood Truss Up To 7/12- Pitch 0-14 FT Span	EA	\$88.70	\$209.88	\$0.00	\$298.58
102050	Pre-Assembled Wood Truss Up To 7/12- Pitch 0-14 FT Span – Pressure Treated	EA	\$88.70	\$251.86	\$0.00	\$340.56
102051	Pre-Assembled Wood Truss Up To 7/12- Pitch 14-18 FT Span	EA	\$93.45	\$269.64	\$0.00	\$363.09
102052	Pre-Assembled Wood Truss Up To 7/12- Pitch 14-18 FT Span – Pressure Treated	EA	\$93.45	\$323.57	\$0.00	\$417.02
102053	Pre-Assembled Wood Truss Up To 7/12- Pitch 18-22 FT Span	EA	\$98.74	\$330.85	\$0.00	\$429.59
102054	Pre-Assembled Wood Truss Up To 7/12- Pitch 18-22 FT Span – Pressure Treated	EA	\$98.74	\$397.03	\$0.00	\$495.77
102055	Pre-Assembled Wood Truss Up To 7/12- Pitch 22-26 FT Span	EA	\$102.60	\$390.62	\$0.00	\$493.22
102056	Pre-Assembled Wood Truss Up To 7/12- Pitch 22-26 FT Span – Pressure Treated	EA	\$102.60	\$468.73	\$0.00	\$571.33
102057	Pre-Assembled Wood Truss Up To 7/12- Pitch 26-30 FT Span	EA	\$109.02	\$450.37	\$0.00	\$559.39
102058	Pre-Assembled Wood Truss Up To 7/12- Pitch 26-30 FT Span – Pressure Treated	EA	\$109.02	\$540.44	\$0.00	\$649.46

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		Units	Labor	Material	Equipment	Total
102059	Pre-Assembled Wood Truss Up To 7/12 Pitch 34-38 FT Span	EA	\$118.93	\$569.88	\$0.00	\$688.81
102060	Pre-Assembled Wood Truss Up To 7/12 Pitch 34-38 FT Span – Pressure Treated	EA	\$118.93	\$683.86	\$0.00	\$802.79
102061	Pre-Assembled Wood Truss Up To 7/12 Pitch 38-50 FT Span	EA	\$124.59	\$749.16	\$0.00	\$873.75
102062	Pre-Assembled Wood Truss Up To 7/12 Pitch 38-50 FT Span – Pressure Treated	EA	\$124.59	\$898.99	\$0.00	\$1,023.58
102063	Pre-Assembled Wood Truss Up To 8/12 Pitch 0-14 FT Span	EA	\$93.45	\$262.35	\$0.00	\$355.80
102064	Pre-Assembled Wood Truss Up To 8/12 Pitch 0-14 FT Span – Pressure Treated	EA	\$93.45	\$314.82	\$0.00	\$408.27
102065	Pre-Assembled Wood Truss Up To 8/12 Pitch 14-18 FT Span	EA	\$98.74	\$338.14	\$0.00	\$436.88
102066	Pre-Assembled Wood Truss Up To 8/12 Pitch 14-18 FT Span – Pressure Treated	EA	\$98.74	\$405.77	\$0.00	\$504.51
102067	Pre-Assembled Wood Truss Up To 8/12 Pitch 18-22 FT Span	EA	\$102.60	\$412.47	\$0.00	\$515.07
102068	Pre-Assembled Wood Truss Up To 8/12 Pitch 18-22 FT Span – Pressure Treated	EA	\$102.60	\$494.96	\$0.00	\$597.56
102069	Pre-Assembled Wood Truss Up To 8/12 Pitch 22-26 FT Span	EA	\$109.02	\$488.26	\$0.00	\$597.28
102070	Pre-Assembled Wood Truss Up To 8/12 Pitch 22-26 FT Span – Pressure Treated	EA	\$109.02	\$585.91	\$0.00	\$694.93
102071	Pre-Assembled Wood Truss Up To 8/12 Pitch 26-30 FT Span	EA	\$113.76	\$562.59	\$0.00	\$676.35
102072	Pre-Assembled Wood Truss Up To 8/12 Pitch 26-30 FT Span – Pressure Treated	EA	\$113.76	\$675.12	\$0.00	\$788.88
102073	Pre-Assembled Wood Truss Up To 8/12 Pitch 34-38 FT Span	EA	\$124.59	\$712.71	\$0.00	\$837.30
102074	Pre-Assembled Wood Truss Up To 8/12 Pitch 34-38 FT Span – Pressure Treated	EA	\$124.59	\$855.26	\$0.00	\$979.85
102075	Pre-Assembled Wood Truss Up To 8/12 Pitch 38-50 FT Span	EA	\$130.82	\$937.17	\$0.00	\$1,067.99
102076	Pre-Assembled Wood Truss Up To 8/12 Pitch 38-50 FT Span – Pressure Treated	EA	\$130.82	\$1,124.61	\$0.00	\$1,255.43
102077	Pre-Assembled Wood Truss Flat Or Tapered Up To 38-50 FT Span	EA	\$118.93	\$600.49	\$0.00	\$719.42
102078	Pre-Assembled Wood Truss Flat Or Tapered Up To 38-50 FT Span – Pressure Treated	EA	\$118.93	\$720.59	\$0.00	\$839.52
102079	Pre-Assembled Wood Truss Flat Or Tapered Up To 34-38 FT Span	EA	\$113.76	\$479.52	\$0.00	\$593.28
102080	Pre-Assembled Wood Truss Flat Or Tapered Up To 34-38 FT Span – Pressure Treated	EA	\$113.76	\$575.42	\$0.00	\$689.18
102081	Pre-Assembled Wood Truss Flat Or Tapered Up To 30-34 FT Span	EA	\$102.60	\$361.46	\$0.00	\$464.06
102082	Pre-Assembled Wood Truss Flat Or Tapered Up To 30-34 FT Span – Pressure Treated	EA	\$102.60	\$433.76	\$0.00	\$536.36

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		Units	Labor	Material	Equipment	Total
102083	Open Web Trusses Flat Or Tapered Up To 14-24 FT Span	SF	\$1.53	\$5.61	\$0.00	\$7.14
102084	Open Web Trusses Flat Or Tapered Up To 14-24 FT Span – Pressure Treated	SF	\$1.53	\$6.74	\$0.00	\$8.27
102085	Open Web Trusses Flat Or Tapered Up To 26-36 FT Span	SF	\$2.53	\$6.73	\$0.00	\$9.26
102086	Open Web Trusses Flat Or Tapered Up To 26-36 FT Span – Pressure Treated	SF	\$2.53	\$8.08	\$0.00	\$10.61
102087	Open Web Trusses Flat Or Tapered Up To 38-50 FT Span	SF	\$3.83	\$8.09	\$0.00	\$11.92
102088	Open Web Trusses Flat Or Tapered Up To 38-50 FT Span – Pressure Treated	SF	\$3.83	\$9.70	\$0.00	\$13.53
102089	[Modifier] Open Web Truss Adjustment for Small Quantity <200 SF Quantity premium can be used when total quantity in section 06-17-53 Shop-Fabricated Wood Trusses are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102090	[Modifier] Add for Small Quantity of Roof Truss Work <6 EA Quantity premium can be used when total quantity in section 06-17-53 Shop-Fabricated Wood Trusses are within stated quantity. Can be applied cumulatively to base line items.	EA	\$87.22	\$0.00	\$0.00	\$87.22

06-18-00 Glued-Laminated Construction

06-18-13 Glued-Laminated Beams

Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections. Includes Labor and Material for system in place including blocking, bridging, fasteners, and connections

102091	Glue-Laminated Beam (GLB) Up To 3-1/2"x12" Architectural	LF	\$8.37	\$33.12	\$0.00	\$41.49
102092	Glue-Laminated Beam (GLB) Up To 3-1/2"x12" Architectural – Pressure Treated	LF	\$8.37	\$39.75	\$0.00	\$48.12
102093	Glue-Laminated Beam (GLB) Up To 3-1/2"x12" Industrial	LF	\$8.37	\$14.58	\$0.00	\$22.95
102094	Glue-Laminated Beam (GLB) Up To 3-1/2"x12" Industrial – Pressure Treated	LF	\$8.37	\$17.49	\$0.00	\$25.86
102095	Glue-Laminated Beam (GLB) Up To 3-1/2"x18" Architectural	LF	\$9.30	\$46.37	\$0.00	\$55.67
102096	Glue-Laminated Beam (GLB) Up To 3-1/2"x18" Architectural – Pressure Treated	LF	\$9.30	\$55.65	\$0.00	\$64.95
102097	Glue-Laminated Beam (GLB) Up To 3-1/2"x18" Industrial	LF	\$9.30	\$20.41	\$0.00	\$29.71
102098	Glue-Laminated Beam (GLB) Up To 3-1/2"x18" Industrial – Pressure Treated	LF	\$9.30	\$24.49	\$0.00	\$33.79
102099	Glue-Laminated Beam (GLB) Up To 3-1/2"x24" Architectural	LF	\$10.46	\$56.32	\$0.00	\$66.78

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		Units	Labor	Material	Equipment	Total
102100	Glue-Laminated Beam (GLB) Up To 3-1/2"x24" Architectural – Pressure Treated	LF	\$10.46	\$67.58	\$0.00	\$78.04
102101	Glue-Laminated Beam (GLB) Up To 3-1/2"x24" Industrial	LF	\$10.46	\$24.78	\$0.00	\$35.24
102102	Glue-Laminated Beam (GLB) Up To 3-1/2"x24" Industrial – Pressure Treated	LF	\$10.46	\$29.73	\$0.00	\$40.19
102103	Glue-Laminated Beam (GLB) Up To 5-1/2"x 12" Architectural	LF	\$8.37	\$42.40	\$0.00	\$50.77
102104	Glue-Laminated Beam (GLB) Up To 5-1/2"x 12" Architectural – Pressure Treated	LF	\$8.37	\$50.88	\$0.00	\$59.25
102105	Glue-Laminated Beam (GLB) Up To 5-1/2"x12" Industrial	LF	\$8.37	\$31.80	\$0.00	\$40.17
102106	Glue-Laminated Beam (GLB) Up To 5-1/2"x12" Industrial – Pressure Treated	LF	\$8.37	\$38.15	\$0.00	\$46.52
102107	Glue-Laminated Beam (GLB) Up To 5-1/2"x 18" Architectural	LF	\$9.30	\$53.00	\$0.00	\$62.30
102108	Glue-Laminated Beam (GLB) Up To 5-1/2"x 18" Architectural – Pressure Treated	LF	\$9.30	\$63.60	\$0.00	\$72.90
102109	Glue-Laminated Beam (GLB) Up To 5-1/2"x18" Industrial	LF	\$9.30	\$39.75	\$0.00	\$49.05
102110	Glue-Laminated Beam (GLB) Up To 5-1/2"x18" Industrial – Pressure Treated	LF	\$9.30	\$47.70	\$0.00	\$57.00
102111	Glue-Laminated Beam (GLB) Up To 5-1/2"x 24" Architectural	LF	\$10.46	\$63.60	\$0.00	\$74.06
102112	Glue-Laminated Beam (GLB) Up To 5-1/2"x 24" Architectural – Pressure Treated	LF	\$10.46	\$76.32	\$0.00	\$86.78
102113	Glue-Laminated Beam (GLB) Up To 5-1/2"x24" Industrial	LF	\$10.46	\$47.70	\$0.00	\$58.16
102114	Glue-Laminated Beam (GLB) Up To 5-1/2"x24" Industrial – Pressure Treated	LF	\$10.46	\$57.24	\$0.00	\$67.70
102115	Glue-Laminated Beam (GLB) Up To 5-1/2"x 30" Architectural	LF	\$11.96	\$72.08	\$0.00	\$84.04
102116	Glue-Laminated Beam (GLB) Up To 5-1/2"x 30" Architectural – Pressure Treated	LF	\$11.96	\$86.50	\$0.00	\$98.46
102117	Glue-Laminated Beam (GLB) Up To 5-1/2"x30" Industrial	LF	\$11.96	\$54.06	\$0.00	\$66.02
102118	Glue-Laminated Beam (GLB) Up To 5-1/2"x30" Industrial – Pressure Treated	LF	\$11.96	\$64.88	\$0.00	\$76.84
102119	Glue-Laminated Beam (GLB) Up To 5-1/2"x 36" Architectural	LF	\$13.95	\$84.79	\$0.00	\$98.74
102120	Glue-Laminated Beam (GLB) Up To 5-1/2"x 36" Architectural – Pressure Treated	LF	\$13.95	\$101.76	\$0.00	\$115.71
102121	Glue-Laminated Beam (GLB) Up To 5-1/2"x36" Industrial	LF	\$13.95	\$63.60	\$0.00	\$77.55
102122	Glue-Laminated Beam (GLB) Up To 5-1/2"x36" Industrial – Pressure Treated	LF	\$13.95	\$76.32	\$0.00	\$90.27

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		Units	Labor	Material	Equipment	Total
102123	Glue-Laminated Beam (GLB) Up To 4"x6" Architectural Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$33.12	\$0.00	\$41.49
102124	Glue-Laminated Beam (GLB) Up To 4"x6" Architectural – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$39.75	\$0.00	\$48.12
102125	Glue-Laminated Beam (GLB) Up To 4"x6" Industrial Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$14.58	\$0.00	\$22.95
102126	Glue-Laminated Beam (GLB) Up To 4"x6" Industrial – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$17.49	\$0.00	\$25.86
102127	Glue-Laminated Beam (GLB) Up To 4"x8" Architectural Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$9.30	\$46.37	\$0.00	\$55.67
102128	Glue-Laminated Beam (GLB) Up To 4"x8" Architectural – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$9.30	\$55.65	\$0.00	\$64.95
102129	Glue-Laminated Beam (GLB) Up To 4"x8" Industrial Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$9.30	\$20.41	\$0.00	\$29.71
102130	Glue-Laminated Beam (GLB) Up To 4"x8" Industrial – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$9.30	\$24.49	\$0.00	\$33.79
102131	Glue-Laminated Beam (GLB) Up To 6"x6" Architectural Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$10.46	\$56.32	\$0.00	\$66.78

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		Units	Labor	Material	Equipment	Total
102132	Glue-Laminated Beam (GLB) Up To 6"x6" Architectural – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$10.46	\$67.58	\$0.00	\$78.04
102133	Glue-Laminated Beam (GLB) Up To 6"x6" Industrial Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$10.46	\$24.78	\$0.00	\$35.24
102134	Glue-Laminated Beam (GLB) Up To 6"x6" Industrial – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$10.46	\$29.73	\$0.00	\$40.19
102135	Glue-Laminated Beam (GLB) Up To 6"x12" Architectural Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$42.40	\$0.00	\$50.77
102136	Glue-Laminated Beam (GLB) Up To 6"x12" Architectural – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$50.88	\$0.00	\$59.25
102137	Glue-Laminated Beam (GLB) Up To 6"x12" Industrial Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$31.80	\$0.00	\$40.17
102138	Glue-Laminated Beam (GLB) Up To 6"x12" Industrial – Pressure Treated Includes Labor & Material for system in place including blocking, bridging, fasteners, and connections	LF	\$8.37	\$38.15	\$0.00	\$46.52
102139	[Modifier] Glue-Laminated Beam Size Adjustment Line item can be used to account for larger beam sizes. Can be applied cumulatively to base line items	LF	\$6.93	\$7.42	\$0.00	\$14.35
102140	[Modifier] Glue-Laminated Beam <60 LF Quantity premium can be used when total quantity in section 06-18-13 Glued-Laminated Beams are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72

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	Units	Labor	Material	Equipment	Total
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06-20-00 Finish Carpentry

Softwood or hardwood, paint grade, unless otherwise indicated. Includes all hangers, fasteners and supports

06-22-00 Millwork

06-22-13 Standard Pattern Wood Trim

All items in Pine, plain sawn, common 1 or 2, stain grade unless otherwise indicated

102141	Banding / Cornice Up To 4" Wide – Stain Grade Built up combinations may be added cumulatively	LF	\$5.23	\$4.24	\$0.00	\$9.47
102142	Banding / Cornice Up To 4" Wide – Paint Grade Built up combinations may be added cumulatively	LF	\$5.23	\$3.39	\$0.00	\$8.62
102143	Banding / Cornice Up To 4" Wide – Red Oak, White Oak, Walnut or Cherry Built up combinations may be added cumulatively	LF	\$5.23	\$6.36	\$0.00	\$11.59
102144	Banding / Cornice Up To 4" Wide – Mahogany Built up combinations may be added cumulatively	LF	\$5.23	\$8.48	\$0.00	\$13.71
102145	Banding / Cornice Up To 4" Wide – Exotic Wood Built up combinations may be added cumulatively	LF	\$5.23	\$12.71	\$0.00	\$17.94
102146	Banding / Cornice Up To 6" Wide – Stain Grade Built up combinations may be added cumulatively	LF	\$5.82	\$6.36	\$0.00	\$12.18
102147	Banding / Cornice Up To 6" Wide – Paint Grade Built up combinations may be added cumulatively	LF	\$5.82	\$5.08	\$0.00	\$10.90
102148	Banding / Cornice Up To 6" Wide – Red Oak, White Oak, Walnut or Cherry Built up combinations may be added cumulatively	LF	\$5.82	\$9.54	\$0.00	\$15.36
102149	Banding / Cornice Up To 6" Wide – Mahogany Built up combinations may be added cumulatively	LF	\$5.82	\$12.71	\$0.00	\$18.53
102150	Banding / Cornice Up To 6" Wide – Exotic Wood Built up combinations may be added cumulatively	LF	\$5.82	\$19.08	\$0.00	\$24.90
102151	Banding / Cornice Up To 8" Wide – Stain Grade Built up combinations may be added cumulatively	LF	\$6.54	\$8.48	\$0.00	\$15.02
102152	Banding / Cornice Up To 8" Wide – Paint Grade Built up combinations may be added cumulatively	LF	\$6.54	\$6.79	\$0.00	\$13.33

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		Units	Labor	Material	Equipment	Total
102153	Banding / Cornice Up To 8" Wide – Red Oak, White Oak, Walnut or Cherry Built up combinations may be added cumulatively	LF	\$6.54	\$12.73	\$0.00	\$19.27
102154	Banding / Cornice Up To 8" Wide – Mahogany Built up combinations may be added cumulatively	LF	\$6.54	\$16.96	\$0.00	\$23.50
102155	Banding / Cornice Up To 8" Wide – Exotic Wood Built up combinations may be added cumulatively	LF	\$6.54	\$25.44	\$0.00	\$31.98
102156	Banding / Cornice Up To 12" Wide – Stain Grade Built up combinations may be added cumulatively	LF	\$8.72	\$10.61	\$0.00	\$19.33
102157	Banding / Cornice Up To 12" Wide – Paint Grade Built up combinations may be added cumulatively	LF	\$8.72	\$8.48	\$0.00	\$17.20
102158	Banding / Cornice Up To 12" Wide – Red Oak, White Oak, Walnut or Cherry Built up combinations may be added cumulatively	LF	\$8.72	\$15.90	\$0.00	\$24.62
102159	Banding / Cornice Up To 12" Wide – Mahogany Built up combinations may be added cumulatively	LF	\$8.72	\$21.20	\$0.00	\$29.92
102160	Banding / Cornice Up To 12" Wide – Exotic Wood Built up combinations may be added cumulatively	LF	\$8.72	\$31.80	\$0.00	\$40.52
102161	Crown Molding, Complex Profile, Up To 8" Wide – Stain Grade	LF	\$2.62	\$6.36	\$0.00	\$8.98
102162	Crown Molding, Complex Profile, Up To 8" Wide – Paint Grade	LF	\$2.62	\$5.08	\$0.00	\$7.70
102163	Crown Molding, Complex Profile, Up To 8" Wide – Red Oak, White Oak, Walnut or Cherry	LF	\$2.62	\$9.54	\$0.00	\$12.16
102164	Crown Molding, Complex Profile, Up To 8" Wide – Mahogany	LF	\$2.62	\$12.71	\$0.00	\$15.33
102165	Crown Molding, Complex Profile, Up To 8" Wide – Exotic Wood	LF	\$2.62	\$19.08	\$0.00	\$21.70
102166	Cove Molding, Simple Concave, Up To 5" Wide – Stain Grade	LF	\$2.38	\$4.24	\$0.00	\$6.62
102167	Cove Molding, Simple Concave, Up To 5" Wide – Paint Grade	LF	\$2.38	\$3.39	\$0.00	\$5.77
102168	Cove Molding, Simple Concave, Up To 5" Wide – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$6.36	\$0.00	\$8.74
102169	Cove Molding, Simple Concave, Up To 5" Wide – Mahogany	LF	\$2.38	\$8.48	\$0.00	\$10.86
102170	Cove Molding, Simple Concave, Up To 5" Wide – Exotic Wood	LF	\$2.38	\$12.71	\$0.00	\$15.09
102171	Picture Rail, Up To 2" Wide – Stain Grade	LF	\$2.38	\$3.18	\$0.00	\$5.56
102172	Picture Rail, Up To 2" Wide – Paint Grade	LF	\$2.38	\$2.55	\$0.00	\$4.93

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		Units	Labor	Material	Equipment	Total
102173	Picture Rail, Up To 2" Wide – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$4.77	\$0.00	\$7.15
102174	Picture Rail, Up To 2" Wide – Mahogany	LF	\$2.38	\$6.36	\$0.00	\$8.74
102175	Picture Rail, Up To 2" Wide – Exotic Wood	LF	\$2.38	\$9.54	\$0.00	\$11.92
102176	Casing, Flat Profile, Up To 6" Wide – Stain Grade	LF	\$2.38	\$4.77	\$0.00	\$7.15
102177	Casing, Flat Profile, Up To 6" Wide – Paint Grade	LF	\$2.38	\$3.82	\$0.00	\$6.20
102178	Casing, Flat Profile, Up To 6" Wide – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$7.16	\$0.00	\$9.54
102179	Casing, Flat Profile, Up To 6" Wide – Mahogany	LF	\$2.38	\$9.54	\$0.00	\$11.92
102180	Casing, Flat Profile, Up To 6" Wide – Exotic Wood	LF	\$2.38	\$14.31	\$0.00	\$16.69
102181	Chair Rail, Ogee Profile, Up To 4" Wide – Stain Grade	LF	\$2.38	\$4.24	\$0.00	\$6.62
102182	Chair Rail, Ogee Profile, Up To 4" Wide – Paint Grade	LF	\$2.38	\$3.39	\$0.00	\$5.77
102183	Chair Rail, Ogee Profile, Up To 4" Wide – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$6.36	\$0.00	\$8.74
102184	Chair Rail, Ogee Profile, Up To 4" Wide – Mahogany	LF	\$2.38	\$8.48	\$0.00	\$10.86
102185	Chair Rail, Ogee Profile, Up To 4" Wide – Exotic Wood	LF	\$2.38	\$12.71	\$0.00	\$15.09
102186	Sill Apron, Ogee Profile – Stain Grade	LF	\$2.38	\$4.24	\$0.00	\$6.62
102187	Sill Apron, Ogee Profile – Paint Grade	LF	\$2.38	\$3.39	\$0.00	\$5.77
102188	Sill Apron, Ogee Profile – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$6.36	\$0.00	\$8.74
102189	Sill Apron, Ogee Profile – Mahogany	LF	\$2.38	\$8.48	\$0.00	\$10.86
102190	Sill Apron, Ogee Profile – Exotic Wood	LF	\$2.38	\$12.71	\$0.00	\$15.09
102191	Panel Molding, Ogee Profile, Up To 2 1/2" – Stain Grade	LF	\$2.38	\$3.71	\$0.00	\$6.09
102192	Panel Molding, Ogee Profile, Up To 2 1/2" – Paint Grade	LF	\$2.38	\$2.96	\$0.00	\$5.34
102193	Panel Molding, Ogee Profile, Up To 2 1/2" – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$5.57	\$0.00	\$7.95
102194	Panel Molding, Ogee Profile, Up To 2 1/2" – Mahogany	LF	\$2.38	\$7.42	\$0.00	\$9.80
102195	Panel Molding, Ogee Profile, Up To 2 1/2" – Exotic Wood	LF	\$2.38	\$11.13	\$0.00	\$13.51
102196	Baseboard, Flat Profile, Up To 6" High – Stain Grade	LF	\$2.38	\$4.56	\$0.00	\$6.94
102197	Baseboard, Flat Profile, Up To 6" High – Paint Grade	LF	\$2.38	\$3.64	\$0.00	\$6.02
102198	Baseboard, Flat Profile, Up To 6" High – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$6.84	\$0.00	\$9.22
102199	Baseboard, Flat Profile, Up To 6" High – Mahogany	LF	\$2.38	\$9.12	\$0.00	\$11.50

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		Units	Labor	Material	Equipment	Total
102200	Baseboard, Flat Profile, Up To 6" High – Exotic Wood	LF	\$2.38	\$13.68	\$0.00	\$16.06
102201	Base Cap, Ogee, Up To 1 1/2" High – Stain Grade	LF	\$2.38	\$3.18	\$0.00	\$5.56
102202	Base Cap, Ogee, Up To 1 1/2" High – Paint Grade	LF	\$2.38	\$2.55	\$0.00	\$4.93
102203	Base Cap, Ogee, Up To 1 1/2" High – Red Oak, White Oak, Walnut or Cherry	LF	\$2.38	\$4.77	\$0.00	\$7.15
102204	Base Cap, Ogee, Up To 1 1/2" High – Mahogany	LF	\$2.38	\$6.36	\$0.00	\$8.74
102205	Base Cap, Ogee, Up To 1 1/2" High – Exotic Wood	LF	\$2.38	\$9.54	\$0.00	\$11.92
102206	Quarter Round, Up To 3/4" – Stain Grade	LF	\$2.09	\$2.65	\$0.00	\$4.74
102207	Quarter Round, Up To 3/4" – Paint Grade	LF	\$2.09	\$2.12	\$0.00	\$4.21
102208	Quarter Round, Up To 3/4" – Red Oak, White Oak, Walnut or Cherry	LF	\$2.09	\$3.97	\$0.00	\$6.06
102209	Quarter Round, Up To 3/4" – Mahogany	LF	\$2.09	\$5.30	\$0.00	\$7.39
102210	Quarter Round, Up To 3/4" – Exotic Wood	LF	\$2.09	\$7.95	\$0.00	\$10.04
102211	Plinth Block – Stain Grade	EA	\$26.16	\$15.90	\$0.00	\$42.06
102212	Plinth Block – Paint Grade	EA	\$26.16	\$12.71	\$0.00	\$38.87
102213	Plinth Block – Red Oak, White Oak, Walnut or Cherry	EA	\$26.16	\$23.86	\$0.00	\$50.02
102214	Plinth Block – Mahogany	EA	\$26.16	\$31.80	\$0.00	\$57.96
102215	Plinth Block – Exotic Wood	EA	\$26.16	\$47.70	\$0.00	\$73.86
102216	[Modifier] Interior Trim Add for Small Quantity <60 LF Quantity premium can be used when total quantity in section 06-22-13 Standard Pattern Wood Trim are within stated quantity. Can be applied cumulatively to base line items.	LF	\$8.72	\$0.00	\$0.00	\$8.72

06-25-00 Prefinished Paneling

All items in Pine, plain sawn, common 1 or 2, stain grade unless otherwise indicated

06-25-00 Prefinished Paneling

All items in Pine, plain sawn, common 1 or 2, stain grade unless otherwise indicated

102217	Ship Lap Paneling, 1/2" Min, Up To 8" Wide – Stain Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$15.16	\$0.00	\$18.64
102218	Ship Lap Paneling, 1/2" Min, Up To 8" Wide – Paint Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$12.13	\$0.00	\$15.61

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		Units	Labor	Material	Equipment	Total
102219	Ship Lap Paneling, 1/2" Min, Up To 8" Wide – Red Oak, White Oak, Walnut or Cherry Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$22.73	\$0.00	\$26.21
102220	Ship Lap Paneling, 1/2" Min, Up To 8" Wide – Mahogany Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$30.32	\$0.00	\$33.80
102221	Ship Lap Paneling, 1/2" Min, Up To 8" Wide – Exotic Wood Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$45.47	\$0.00	\$48.95
102222	Board and Batten Paneling, 5/16" Min, Up To 24" Wide Panels – Stain Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$16.68	\$0.00	\$20.16
102223	Board and Batten Paneling, 5/16" Min, Up To 24" Wide Panels – Paint Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$13.34	\$0.00	\$16.82
102224	Board and Batten Paneling, 5/16" Min, Up To 24" Wide Panels – Red Oak, White Oak, Walnut or Cherry Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$25.01	\$0.00	\$28.49
102225	Board and Batten Paneling, 5/16" Min, Up To 24" Wide Panels – Mahogany Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$33.35	\$0.00	\$36.83
102226	Board and Batten Paneling, 5/16" Min, Up To 24" Wide Panels – Exotic Wood Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$50.03	\$0.00	\$53.51

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		Units	Labor	Material	Equipment	Total
102227	Beadboard Paneling, 3/8" Min. , Up To 24" Wide – Stain Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$10.62	\$0.00	\$14.10
102228	Beadboard Paneling, 3/8" Min. , Up To 24" Wide – Paint Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$8.48	\$0.00	\$11.96
102229	Beadboard Paneling, 3/8" Min. , Up To 24" Wide – Red Oak, White Oak, Walnut or Cherry Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$15.92	\$0.00	\$19.40
102230	Beadboard Paneling, 3/8" Min. , Up To 24" Wide – Mahogany Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$21.22	\$0.00	\$24.70
102231	Beadboard Paneling, 3/8" Min. , Up To 24" Wide – Exotic Wood Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$31.83	\$0.00	\$35.31
102232	Flat Panel Paneling, 3/8" Min, Random Sizes – Stain Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$12.13	\$0.00	\$15.61
102233	Flat Panel Paneling, 3/8" Min, Random Sizes – Paint Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$9.70	\$0.00	\$13.18
102234	Flat Panel Paneling, 3/8" Min, Random Sizes – Red Oak, White Oak, Walnut or Cherry Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$18.19	\$0.00	\$21.67
102235	Flat Panel Paneling, 3/8" Min, Random Sizes – Mahogany Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$24.26	\$0.00	\$27.74

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		Units	Labor	Material	Equipment	Total
102236	Flat Panel Paneling, 3/8" Min, Random Sizes – Exotic Wood Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$36.37	\$0.00	\$39.85
102237	Slat Wall Melamine Paneling 3/4" – Stain Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$7.58	\$0.00	\$11.06
102238	Wood Veneer Wall Paneling – Stain Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$20.99	\$0.00	\$24.47
102239	Wood Veneer Wall Paneling – Paint Grade Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$16.79	\$0.00	\$20.27
102240	Wood Veneer Wall Paneling – Red Oak, White Oak, Walnut or Cherry Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$31.47	\$0.00	\$34.95
102241	Wood Veneer Wall Paneling – Mahogany Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$41.97	\$0.00	\$45.45
102242	Wood Veneer Wall Paneling – Exotic Wood Includes a fully finished paneling system with all trim pieces. Includes painting or staining and sealing	SF	\$3.48	\$62.96	\$0.00	\$66.44
102243	[Modifier] Small Quantity <200 SF Quantity premium can be used when total quantity in section 06-25-00 Prefinished Paneling are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

06-40-00 Architectural Woodwork

06-41-00 Architectural Wood Casework

All casework AWI "Custom" grade unless otherwise indicated. Casework includes all blocking and finish hardware

06-41-13 Wood Faced Architectural Cabinets

Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels. Includes painting or staining and sealing

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102244	Architectural Custom Wood Wall Cabinets – Up To 30" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$141.33	\$0.00	\$176.22
102245	Architectural Custom Wood Wall Cabinets – Up To 36" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$169.60	\$0.00	\$204.49
102246	Architectural Custom Wood Wall Cabinets – Up To 42" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$197.87	\$0.00	\$232.76
102247	Architectural Custom Wood Wall Cabinets – Up To 48" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$226.14	\$0.00	\$261.03
102248	Architectural Custom Wood Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$169.60	\$0.00	\$204.49
102249	Architectural Custom Wood Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$203.52	\$0.00	\$238.41
102250	Architectural Custom Wood Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$237.44	\$0.00	\$272.33

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		Units	Labor	Material	Equipment	Total
102251	Architectural Custom Wood Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$271.36	\$0.00	\$306.25
102252	Architectural Custom Wood Shelving Cubbies – Up To 48" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, shelving, trim pieces and related hardware	LF	\$34.89	\$116.60	\$0.00	\$151.49
102253	Architectural Custom Wood Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$139.92	\$0.00	\$174.81
102254	Architectural Custom Wood Base Cabinets – Up To 36" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$52.32	\$254.41	\$0.00	\$306.73
102255	Architectural Custom Wood Base Cabinets (Premium) – Up To 36" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$52.32	\$305.29	\$0.00	\$357.61
102256	Architectural Custom Wood Full Height Cabinets – Up To 96" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$52.32	\$476.99	\$0.00	\$529.31
102257	Architectural Custom Wood Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$52.32	\$572.39	\$0.00	\$624.71

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		Units	Labor	Material	Equipment	Total
102258	Architectural Custom Wood Display Cabinets – Up To 72" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$52.32	\$424.00	\$0.00	\$476.32
102259	Architectural Custom Wood Display Cabinets (Premium) – Up To 72" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$52.32	\$508.80	\$0.00	\$561.12
102260	Architectural Custom Wood Reception Station Including Solid Surface Counter – Up To 48" Tall and 36" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware. Includes quartz or equal counterTop	LF	\$65.41	\$476.99	\$0.00	\$542.40
102261	Architectural Custom Wood Reception Station Including Solid Surface Counter (Premium) – Up To 48" Tall and 36" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal. Includes granite or equal counterTop	LF	\$65.41	\$572.39	\$0.00	\$637.80
102262	Architectural Custom Wood Wardrobe Cabinet – Up To 72" tall, 28" Deep, and 72' Wide All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	EA	\$174.43	\$424.00	\$0.00	\$598.43
102263	Architectural Custom Wood Wardrobe Cabinet (Premium) – Up To 72" tall, 28" Deep, and 72' Wide All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	EA	\$174.43	\$508.80	\$0.00	\$683.23

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		Units	Labor	Material	Equipment	Total
102264	Architectural Custom Wood Lectern – Up To 48" tall, 28" Deep, and 36" Wide All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces and related hardware	EA	\$130.82	\$1,537.00	\$0.00	\$1,667.82
102265	Architectural Custom Wood Lectern (Premium) – Up To 48" tall, 28" Deep, and 36" Wide All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	EA	\$130.82	\$2,650.00	\$0.00	\$2,780.82
102266	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when Total quantity in section 06-41-13 Wood Faced Architectural Cabinets are within stated quantity. Can be applied cumulatively To base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71
06-41-16 Plastic-Laminate-Clad Architectural Cabinets						
<i>Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels</i>						
102267	Architectural Custom Plastic Laminate Wall Cabinets – Up To 30" Tall and 16" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$113.06	\$0.00	\$147.95
102268	Architectural Custom Plastic Laminate Wall Cabinets – Up To 36" Tall and 16" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$135.67	\$0.00	\$170.56
102269	Architectural Custom Plastic Laminate Wall Cabinets – Up To 42" Tall and 16" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$158.30	\$0.00	\$193.19
102270	Architectural Custom Plastic Laminate Wall Cabinets – Up To 48" Tall and 16" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$34.89	\$180.90	\$0.00	\$215.79

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102271	Architectural Custom Plastic Laminate Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$135.67	\$0.00	\$170.56
102272	Architectural Custom Plastic Laminate Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$162.81	\$0.00	\$197.70
102273	Architectural Custom Plastic Laminate Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$189.97	\$0.00	\$224.86
102274	Architectural Custom Plastic Laminate Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$217.09	\$0.00	\$251.98
102275	Architectural Custom Plastic Laminate Shelving Cubbies – Up To 48" Tall and 16" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, shelving, trim pieces and related hardware	LF	\$34.89	\$93.28	\$0.00	\$128.17
102276	Architectural Custom Plastic Laminate Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, shelving, trim pieces and related brass hardware or equal	LF	\$34.89	\$111.94	\$0.00	\$146.83

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		Units	Labor	Material	Equipment	Total
102277	Architectural Custom Plastic Laminate Base Cabinets – Up To 36" Tall and 28" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$52.32	\$203.52	\$0.00	\$255.84
102278	Architectural Custom Plastic Laminate Base Cabinets (Premium) – Up To 36" Tall and 28" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$52.32	\$244.23	\$0.00	\$296.55
102279	Architectural Custom Plastic Laminate Full Height Cabinets – Up To 96" Tall and 28" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$52.32	\$381.60	\$0.00	\$433.92
102280	Architectural Custom Plastic Laminate Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$52.32	\$457.92	\$0.00	\$510.24
102281	Architectural Custom Plastic Laminate Display Cabinets – Up To 72" Tall and 28" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	LF	\$52.32	\$339.20	\$0.00	\$391.52
102282	Architectural Custom Plastic Laminate Display Cabinets (Premium) – Up To 72" Tall and 28" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	LF	\$52.32	\$407.04	\$0.00	\$459.36

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		Units	Labor	Material	Equipment	Total
102283	Architectural Custom Plastic Laminate Reception Station Including Solid Surface Counter – Up To 48" Tall and 36" Deep All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware. Includes quartz or equal counterTop	LF	\$65.41	\$381.60	\$0.00	\$447.01
102284	Architectural Custom Plastic Laminate Reception Station Including Solid Surface Counter (Premium) – Up To 48" Tall and 36" Deep All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal. Includes granite or equal counterTop	LF	\$65.41	\$457.92	\$0.00	\$523.33
102285	Architectural Custom Nurse Station Including Solid Surface Counter – Up To 48" Tall and 36" Deep All plastic laminate veneer with plywood core and solid surface accents. Includes all draws, doors, glass, shelving, trim pieces and related hardware. Includes quartz or equal counterTop	LF	\$65.41	\$530.00	\$0.00	\$595.41
102286	Architectural Custom Nurse Station Including Solid Surface Counter (Premium) – Up To 48" Tall and 36" Deep All solid surface construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal. Includes granite or equal counterTop	LF	\$65.41	\$636.00	\$0.00	\$701.41
102287	Plastic Laminate Wardrobe Cabinet – Up To 72" tall, 28" Deep, and 72' Wide All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	EA	\$174.43	\$339.20	\$0.00	\$513.63
102288	Plastic Laminate Wardrobe Cabinet (Premium) – Up To 72" tall, 28" Deep, and 72' Wide All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	EA	\$174.43	\$407.04	\$0.00	\$581.47

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		Units	Labor	Material	Equipment	Total
102289	Plastic Laminate Lectern – Up To 48" tall, 28" Deep, and 36" Wide All plastic laminate veneer with MDF Core and melamine interior. Includes all draws, doors, glass, shelving, trim pieces and related hardware	EA	\$130.82	\$1,229.61	\$0.00	\$1,360.43
102290	Plastic Laminate Lectern (Premium) – Up To 48" tall, 28" Deep, and 36" Wide All premium grade plastic laminate with plywood core and enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces and related brass hardware or equal	EA	\$130.82	\$2,120.00	\$0.00	\$2,250.82
102291	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when total quantity in section 06-41-16 Plastic-Laminate-Clad Architectural Cabinets are within stated quantity. Can be applied cumulatively to base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

06-43-00 Wood Stairs and Railings

Items in this section are premium grade hardwood

06-43-00 Wood Stairs and Railings

Items in this section are premium grade hardwood

102292	Wood Handrail Wall Mounted Includes a fully finished rail system with all trim pieces, hardware. Includes painting or staining and sealing	LF	\$20.93	\$37.09	\$0.00	\$58.02
102293	Wood Handrail With Balusters Includes a fully finished rail system with all trim pieces, hardware. Includes painting or staining and sealing	LF	\$20.93	\$137.80	\$0.00	\$158.73
102294	Wood Handrail With Banister and Newels Includes a fully finished rail system with all trim pieces, hardware. Includes painting or staining and sealing	LF	\$104.66	\$450.49	\$0.00	\$555.15
102295	Site Built Arch Stair System Custom – LF of Tread Includes fully finished architectural stair system. Including, frame, stringers, treads, riser, fasteners, blocking, hangers, trim pieces, painting or staining and sealing	LF	\$65.41	\$76.32	\$0.00	\$141.73
102296	Site Built Arch Landing Custom Includes fully finished architectural landing system. Includes, framing, sheathing, posts, fasteners, blocking, hangers, trim pieces, painting or staining and sealing	SF	\$108.35	\$132.51	\$0.00	\$240.86

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		Units	Labor	Material	Equipment	Total
102297	[Modifier] Small Quantity <20 LF of Tread Quantity premium can be used when total quantity in section 06-43-00 Wood Stairs and Railings are within stated quantity. Can be applied cumulatively to base line items.	LF	\$26.16	\$0.00	\$0.00	\$26.16
06-44-00 Ornamental Woodwork						
06-44-39 Wood Posts and Columns						
102298	KD 8' x 8' x10' Douglas Fur S4S #1 Grade - FOHC Milled with 3/4" Chamfered Edges	EA	\$324.24	\$1,404.50	\$0.00	\$1,728.74
06-48-00 Wood Frames						
06-48-00 Wood Frames						
102299	Wood Frame Single Up to 4' Wide	EA	\$130.82	\$160.91	\$0.00	\$291.73
102300	Wood Frame Double Up to 8' Wide	EA	\$157.00	\$187.73	\$0.00	\$344.73
06-70-00 Structural Composites						
06-72-00 Composite Structural Assemblies						
06-72-00 Composite Structural Assemblies						
102301	Fiberglass Reinforced Plastic (FRP) Grating 1-1/2" Deep and Square Gritted Includes frame and anchorage system	SF	\$7.54	\$19.08	\$0.00	\$26.62
102302	Fiberglass Reinforced Plastic (FRP) Grating 2" Deep and Square Gritted Includes frame and anchorage system	SF	\$7.54	\$25.44	\$0.00	\$32.98
102303	Fiberglass Reinforced Plastic (FRP) Grating Stair Treads – LF of Tread Includes, stringers, treads, riser, fasteners, blocking, hangers	LF	\$6.30	\$15.90	\$0.00	\$22.20
102304	[Modifier] Small Quantity <20 LF of Tread Quantity premium can be used when total quantity in section 06-72-00 Composite Structural Assemblies are within stated quantity. Can be applied cumulatively to base line items.	LF	\$26.16	\$0.00	\$0.00	\$26.16
102305	[Modifier] Small Quantity <200 SF Quantity premium can be used when total quantity in section 06-72-00 Composite Structural Assemblies are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
06-73-00 Composite Decking						
<i>Polyethylene wood fiber composites, 2-sided, unless otherwise noted. Decking as complete finish assemblies includes matching edge trim boards and aprons. Stair treads and risers built from decking components. Structural sub-frame added cumulatively</i>						
06-73-00 Composite Decking						

The Simplebid® UPB

Units

Labor

Material

Equipment

Total

Polyethylene wood fiber composites, 2-sided, unless otherwise noted. Decking as complete finish assemblies includes matching edge trim boards and aprons. Stair treads and risers built from decking components. Structural sub-frame added cumulatively

102306	Composite Wood Decking	SF	\$1.36	\$5.77	\$0.00	\$7.13
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06-80-00 Composite Fabrications

06-81-00 Composite Railings

06-81-00 Composite Railings

102307	Composite Railing with Balusters	LF	\$14.95	\$137.80	\$0.00	\$152.75
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102308	Composite Stair 4' Wide – LF of Tread	LF	\$21.82	\$15.90	\$0.00	\$37.72
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Includes, stringers, treads, riser, fasteners, blocking, hangers

102309	[Modifier] Small Quantity <20 LF of Tread	LF	\$26.16	\$0.00	\$0.00	\$26.16
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Quantity premium can be used when total quantity in section 06-81-00 Composite Railings are within stated quantity. Can be applied cumulatively to base line items.

06-81-13 Glass-Fiber-Reinforced Plastic

102310	Glass Fiber Reinforced Polymer (GFRP) Column Covers Fiberglass Reinforced Panel (FRP)	SF	\$4.32	\$18.32	\$0.00	\$22.64
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102311	Glass Fiber Reinforced Polymer (GFRP) Wall Covering Fiberglass Reinforced Panel (FRP)	SF	\$3.02	\$12.82	\$0.00	\$15.84
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102312	Glass Fiber Reinforced Polymer (GFRP) Banding / Cornice up to 4" Fiberglass Reinforced Panel (FRP) Built up combinations may be added cumulatively	LF	\$6.28	\$7.63	\$0.00	\$13.91
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102313	Glass Fiber Reinforced Polymer (GFRP) Banding / Cornice up to 6" Fiberglass Reinforced Panel (FRP) Built up combinations may be added cumulatively	LF	\$6.98	\$10.18	\$0.00	\$17.16
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102314	Glass Fiber Reinforced Polymer (GFRP) Banding / Cornice up to 8" Fiberglass Reinforced Panel (FRP) Built up combinations may be added cumulatively	LF	\$7.85	\$12.73	\$0.00	\$20.58
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102315	Glass Fiber Reinforced Polymer (GFRP) Banding / Cornice up to 12" Fiberglass Reinforced Panel (FRP) Built up combinations may be added cumulatively	LF	\$10.46	\$15.26	\$0.00	\$25.72
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102316	Glass Fiber Reinforced Polymer (GFRP) Sill Fiberglass Reinforced Panel (FRP)	LF	\$6.28	\$8.26	\$0.00	\$14.54
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The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102317	Glass Fiber Reinforced Polymer (GFRP) Header Fiberglass Reinforced Panel (FRP)	LF	\$7.85	\$13.36	\$0.00	\$21.21
102318	Glass Fiber Reinforced Polymer (GFRP) Corbel Fiberglass Reinforced Panel (FRP)	EA	\$156.03	\$209.88	\$0.00	\$365.91
102319	Glass Fiber Reinforced Polymer (GFRP) Column Cap Or Base Fiberglass Reinforced Panel (FRP)	EA	\$156.03	\$254.41	\$0.00	\$410.44

06-82-00 Composite Trim

06-82-00 Composite Trim

102320	Composite Trim - Crown Molding 9/16" x 3-5/8" Azek or Equal	LF	\$7.30	\$3.05	\$0.00	\$10.35
102321	Composite Trim - Bed Molding 9/16" x 1-3/4" Azek or Equal	LF	\$6.96	\$1.85	\$0.00	\$8.81
102322	Composite Trim - Board 1" x 4" Azek or Equal	LF	\$6.77	\$3.54	\$0.00	\$10.31
102323	Composite Trim - Board 1" x 6" Azek or Equal	LF	\$7.10	\$4.88	\$0.00	\$11.98
102324	Composite Trim - Board 1" x 8" Azek or Equal	LF	\$7.10	\$6.85	\$0.00	\$13.95
102325	Composite Trim - Board 1" x 10" Azek or Equal	LF	\$7.27	\$8.83	\$0.00	\$16.10
102326	Composite Trim - Board 1" x 12" Azek or Equal	LF	\$7.27	\$10.86	\$0.00	\$18.13

07-00-00 Thermal and Moisture Protection

Includes fasteners and clips to substrate and standard prefinished trim pieces in manufacturers standard color selection. Division Seven quantities are based on greater than 500 square feet unless otherwise noted. Utilize applicable modifiers

07-01-00 Operation and Maintenance of Thermal and Moisture Protection

07-01-00 Operation and Maintenance of Thermal and Moisture Protection

07-01-50 Maintenance of Membrane Roofing

Includes roof preparation including, but not limited to cleaning, seam and flashing repair, sealing penetrations. Recoating with a compatible elastomer, includes separations, flashing, sealing, and cleanup.

102327	Recoat Existing Roof (> 500 SF)	SF	\$7.66	\$5.08	\$0.00	\$12.74
102328	Recoat Existing Roof (101-500 SF) Quantity premium can be used when total square footage in section 07-01-50 Maintenance of Membrane Roofing are within stated quantity. Can be applied cumulatively to applicable line items	SF	\$9.86	\$5.35	\$0.00	\$15.21
102329	Recoat Existing Roof (51-100 SF) Quantity premium can be used when total square footage in section 07-01-50 Maintenance of Membrane Roofing are within stated quantity. Can be applied cumulatively to applicable line items	SF	\$13.14	\$5.62	\$0.00	\$18.76

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102330	Recoat existing roof (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-01-50 Maintenance of Membrane Roofing are within stated quantity. Can be applied cumulatively to applicable line items	SF	\$18.62	\$5.89	\$0.00	\$24.51

07-10-00 Dampproofing and Waterproofing

07-11-00 Dampproofing

Materials for vapor permeable, moisture resistant, non-hydrostatic applications. Above or below grade. Includes surface and joint preparation per system used.

07-11-00 Dampproofing

Materials for vapor permeable, moisture resistant, non-hydrostatic applications. Above or below grade. Includes surface and joint preparation per system used.

102331	Bituminous – Liquid Applied – Spray Includes bituminous and asphaltic emulsions	SF	\$1.31	\$0.37	\$0.00	\$1.68
102332	Bituminous – Liquid Applied – Brush Includes bituminous and asphaltic emulsions	SF	\$1.61	\$0.37	\$0.00	\$1.98
102333	Troweled Asphaltic Includes both fibered and non fibered formulations	SF	\$2.23	\$0.82	\$0.00	\$3.05
102334	Cementitious Damp Proofing	SF	\$4.47	\$1.63	\$0.00	\$6.10
102335	[Modifier] Quantity Premium - Dampproofing (101-500 SF) Quantity premium can be used when total square footage in section 07-11-00 Dampproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102336	[Modifier] Quantity Premium - Dampproofing (51-100 SF) Quantity premium can be used when total square footage in section 07-11-00 Dampproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102337	[Modifier] Quantity Premium - Dampproofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-11-00 Dampproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
102338	Vapor Barrier 6 Mil Includes taped seams	SF	\$0.87	\$0.16	\$0.00	\$1.03
102339	Vapor Barrier 10 Mil Includes taped seams	SF	\$0.87	\$0.21	\$0.00	\$1.08
102340	Vapor Barrier 15 Mil Includes taped seams	SF	\$0.87	\$0.27	\$0.00	\$1.14

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102341	Virgin Yellow Sheet Vapor Barrier 10 Mil Includes taped seams and mastic emulsion. Stego wrap or equal	SF	\$1.31	\$0.43	\$0.00	\$1.74
102342	Virgin Yellow Sheet Vapor Barrier 15 Mil Includes taped seams and mastic emulsion. Stego wrap or equal	SF	\$1.31	\$0.52	\$0.00	\$1.83
102343	Virgin Yellow Sheet Vapor Barrier 20 Mil Includes taped seams and mastic emulsion. Stego wrap or equal	SF	\$1.31	\$0.63	\$0.00	\$1.94

07-13-00 Sheet Waterproofing

Semi and non permeable applications with or without hydrostatic pressure. Above or below grade. Includes surface and joint preparations.

07-13-00 Sheet Waterproofing

Semi and non permeable applications with or without hydrostatic pressure. Above or below grade. Includes surface and joint preparations.

102344	Asphaltic Composite Sheet Waterproofing Self adhering modified sheet, up to 60 mils total	SF	\$5.04	\$1.21	\$0.00	\$6.25
102345	Elastomeric Sheet Waterproofing Self adhered or fastened, rubberized asphaltic up to 60 mils	SF	\$5.04	\$1.34	\$0.00	\$6.38
102346	Thermoplastic Sheet Waterproofing (TPO) Fastened or adhered, modified PVC sheet, up to 80 mils. Reinforced or unreinforced	SF	\$5.04	\$1.46	\$0.00	\$6.50
102347	Drainage Panel Thermoplastic profiled panels bonded to porous mesh or filter fabric	SF	\$5.04	\$1.58	\$0.00	\$6.62
102348	[Modifier] Quantity Premium - Sheet Waterproofing (101-500 SF) Quantity premium can be used when total square footage in section 07-13-00 Sheet Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102349	[Modifier] Quantity Premium - Sheet Waterproofing (51-100 SF) Quantity premium can be used when total square footage in section 07-13-00 Sheet Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102350	[Modifier] Quantity Premium - Sheet Waterproofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-13-00 Sheet Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-14-00 Fluid-Applied Waterproofing

Non permeable, hydrostatic applications. Above or below grade. Horizontal or vertical applications. Includes surface and joint preparations and protection boards

07-14-00 Fluid-Applied Waterproofing

Non permeable, hydrostatic applications. Above or below grade. Horizontal or vertical applications. Includes surface and joint preparations and protection boards

102351	Bituminous Built-Up Waterproofing Multi-layer application with felts.	SF	\$2.20	\$0.95	\$0.00	\$3.15
102352	Modified Asphaltic Waterproofing Rubberized compound. Includes flashing for transitions, corners, and joints	SF	\$1.82	\$0.87	\$0.00	\$2.69
102353	[Modifier] Quantity Premium - Fluid-Applied Waterproofing (101-500 SF) Quantity premium can be used when total square footage in section 07-14-00 Fluid-Applied Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102354	[Modifier] Quantity Premium - Fluid-Applied Waterproofing (51-100 SF) Quantity premium can be used when total square footage in section 07-14-00 Fluid-Applied Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102355	[Modifier] Quantity Premium - Fluid-Applied Waterproofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-14-00 Fluid-Applied Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-16-00 Cementitious and Reactive Waterproofing

07-16-00 Cementitious and Reactive Waterproofing

102356	Metal Oxide Waterproofing	SF	\$6.35	\$3.71	\$0.00	\$10.06
102357	Crystalline Waterproofing	SF	\$6.35	\$3.55	\$0.00	\$9.90

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102358	[Modifier] Quantity Premium - Cementitious and Reactive Waterproofing (101-500 SF) Quantity premium can be used when total square footage in section 07-16-00 Cementitious and Reactive Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102359	[Modifier] Quantity Premium - Cementitious and Reactive Waterproofing (51-100 SF) Quantity premium can be used when total square footage in section 07-16-00 Cementitious and Reactive Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102360	[Modifier] Quantity Premium - Cementitious and Reactive Waterproofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-16-00 Cementitious and Reactive Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
07-17-00 Bentonite Waterproofing						
07-17-00 Bentonite Waterproofing						
102361	Bentonite Panel Cost includes panels, rolls, sheets, and trowel applications with or without reinforcement fabric	SF	\$3.82	\$1.33	\$0.00	\$5.15
102362	Granular Bentonite Clay – Pond Sealer	LB	\$0.45	\$0.52	\$0.00	\$0.97
102363	Liquid Bentonite Clay – Pond Sealer Based on an application rate of one gallon per 2,000 gallons of water	SF	\$0.45	\$1.06	\$0.00	\$1.51
102364	[Modifier] Quantity Premium - Bentonite Waterproofing (101-500 SF) Quantity premium can be used when total square footage in section 07-17-00 Bentonite Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102365	[Modifier] Quantity Premium - Bentonite Waterproofing (51-100 SF) Quantity premium can be used when total square footage in section 07-17-00 Bentonite Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102366	[Modifier] Quantity Premium - Bentonite Waterproofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-17-00 Bentonite Waterproofing are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-18-00 Traffic Coatings

07-18-00 Traffic Coatings

102367	Vehicular Traffic Coating	SF	\$9.14	\$6.36	\$0.00	\$15.50
102368	Pedestrian Traffic Coating	SF	\$7.31	\$5.08	\$0.00	\$12.39
102369	[Modifier] Quantity Premium - Traffic Coatings (101-500 SF) Quantity premium can be used when total square footage in section 07-18-00 Traffic Coatings are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102370	[Modifier] Quantity Premium - Traffic Coatings (51-100 SF) Quantity premium can be used when total square footage in section 07-18-00 Traffic Coatings are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102371	[Modifier] Quantity Premium - Traffic Coatings (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-18-00 Traffic Coatings are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-19-00 Water Repellents

07-19-00 Water Repellents

102372	Water Repellents Includes modified silicone, Silane/Siloxane, and Acrylic applications	SF	\$0.76	\$0.43	\$0.00	\$1.19
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The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102373	[Modifier] Quantity Premium - Water Repellents (101-500 SF) Quantity premium can be used when total square footage in section 07-19-00 Water Repellents are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102374	[Modifier] Quantity Premium - Water Repellents (51-100 SF) Quantity premium can be used when total square footage in section 07-19-00 Water Repellents are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102375	[Modifier] Quantity Premium - Water Repellents (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-19-00 Water Repellents are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-20-00 Thermal Protection

07-21-00 Thermal Insulation

07-21-13 Board Insulation

Includes compressive strength of up to 50 PSI

102376	1/2" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.00	\$1.22	\$0.00	\$2.22
102377	1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.00	\$1.46	\$0.00	\$2.46
102378	1" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.00	\$1.52	\$0.00	\$2.52
102379	1" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.00	\$1.83	\$0.00	\$2.83
102380	1 1/2" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.05	\$1.90	\$0.00	\$2.95
102381	1 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.05	\$2.29	\$0.00	\$3.34
102382	2" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.05	\$2.39	\$0.00	\$3.44
102383	2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.05	\$2.86	\$0.00	\$3.91

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		Units	Labor	Material	Equipment	Total
102384	2 1/2" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.05	\$2.63	\$0.00	\$3.68
102385	2 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.05	\$3.16	\$0.00	\$4.21
102386	3" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.16	\$2.89	\$0.00	\$4.05
102387	3" Rigid Insulation -Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.16	\$3.46	\$0.00	\$4.62
102388	3 1/2" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.16	\$3.17	\$0.00	\$4.33
102389	3 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.16	\$3.80	\$0.00	\$4.96
102390	4" Rigid Insulation – Extruded Polystyrene (XPS) R Value - 5 per inch	SF	\$1.16	\$3.49	\$0.00	\$4.65
102391	4" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R Value - 5 per inch	SF	\$1.16	\$4.18	\$0.00	\$5.34
102392	1/2" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.00	\$1.10	\$0.00	\$2.10
102393	1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.00	\$1.32	\$0.00	\$2.32
102394	1" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.00	\$1.38	\$0.00	\$2.38
102395	1" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.00	\$1.66	\$0.00	\$2.66
102396	1 1/2" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.05	\$1.72	\$0.00	\$2.77
102397	1 1/2" Rigid Insulation -Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.05	\$2.06	\$0.00	\$3.11
102398	2" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.05	\$2.15	\$0.00	\$3.20
102399	2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.05	\$2.58	\$0.00	\$3.63
102400	2 1/2" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.05	\$2.36	\$0.00	\$3.41

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
102401	2 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.05	\$2.84	\$0.00	\$3.89
102402	3" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.16	\$2.60	\$0.00	\$3.76
102403	3" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.16	\$3.12	\$0.00	\$4.28
102404	3 1/2" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.16	\$2.86	\$0.00	\$4.02
102405	3 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.16	\$3.44	\$0.00	\$4.60
102406	4" Rigid Insulation – Polyisocyanurate R Value - 5 to 5.6 per inch	SF	\$1.16	\$3.13	\$0.00	\$4.29
102407	4" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R Value - 5 to 5.6 per inch	SF	\$1.16	\$3.77	\$0.00	\$4.93
102408	1/2" Rigid Insulation – Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.00	\$0.88	\$0.00	\$1.88
102409	1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.00	\$1.05	\$0.00	\$2.05
102410	1" Rigid Insulation – Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.00	\$1.10	\$0.00	\$2.10
102411	1" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.00	\$1.32	\$0.00	\$2.32
102412	1 1/2" Rigid Insulation – Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.05	\$1.38	\$0.00	\$2.43
102413	1 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.05	\$1.66	\$0.00	\$2.71
102414	2" Rigid Insulation -Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.05	\$1.72	\$0.00	\$2.77
102415	2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.05	\$2.06	\$0.00	\$3.11
102416	2 1/2" Rigid Insulation – Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.05	\$1.89	\$0.00	\$2.94
102417	2 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.05	\$2.27	\$0.00	\$3.32

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		Units	Labor	Material	Equipment	Total
102418	3" Rigid Insulation – Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.16	\$2.07	\$0.00	\$3.23
102419	3" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.16	\$2.49	\$0.00	\$3.65
102420	3 1/2" Rigid Insulation – Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.16	\$2.29	\$0.00	\$3.45
102421	3 1/2" Rigid Insulation -Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.16	\$2.74	\$0.00	\$3.90
102422	4" Rigid Insulation – Expanded Polystyrene Expanded Polystyrene (EPS) R Value - 3.6 to 4.2 per inch	SF	\$1.16	\$2.51	\$0.00	\$3.67
102423	4" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R Value - 3.6 to 4.2 per inch	SF	\$1.16	\$3.01	\$0.00	\$4.17
102424	1/2" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.00	\$1.04	\$0.00	\$2.04
102425	1/2" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.00	\$1.24	\$0.00	\$2.24
102426	1" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.00	\$1.30	\$0.00	\$2.30
102427	1" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.00	\$1.56	\$0.00	\$2.56
102428	1 1/2" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.05	\$1.63	\$0.00	\$2.68
102429	1 1/2" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.05	\$1.96	\$0.00	\$3.01
102430	2" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.05	\$2.04	\$0.00	\$3.09
102431	2" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.05	\$2.44	\$0.00	\$3.49
102432	2 1/2" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.05	\$2.24	\$0.00	\$3.29
102433	2 1/2" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.05	\$2.69	\$0.00	\$3.74
102434	3" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.16	\$2.47	\$0.00	\$3.63

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		Units	Labor	Material	Equipment	Total
102435	3" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.16	\$2.96	\$0.00	\$4.12
102436	3 1/2" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.16	\$2.72	\$0.00	\$3.88
102437	3 1/2" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.16	\$3.25	\$0.00	\$4.41
102438	4" Rigid Insulation – Semi-Rigid Mineral Fiber R Value - 3.7 to 4.2 per inch	SF	\$1.16	\$2.99	\$0.00	\$4.15
102439	4" Rigid Insulation – Semi-Rigid Mineral Fiber – Compressive Strength > 50 Psi R Value - 3.7 to 4.2 per inch	SF	\$1.16	\$3.58	\$0.00	\$4.74
102440	[Modifier] Quantity Premium - Board Insulation (101-500 SF) Quantity premium can be used when total square footage in section 07-21-13 Board Insulation are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102441	[Modifier] Quantity Premium - Board Insulation (51-100 SF) Quantity premium can be used when total square footage in section 07-21-13 Board Insulation are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102442	[Modifier] Quantity Premium - Board Insulation (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-21-13 Board Insulation are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
07-21-16 Blanket Insulation						
<i>Insulation includes facing in either paper or foil where applicable</i>						
102443	R-8 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.59	\$0.00	\$1.46
102444	R-8 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.56	\$0.00	\$1.43
102445	R-11 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.63	\$0.00	\$1.50
102446	R-11 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.61	\$0.00	\$1.48
102447	R-13 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.69	\$0.00	\$1.56
102448	R-13 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.66	\$0.00	\$1.53
102449	R-16 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.77	\$0.00	\$1.64

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		Units	Labor	Material	Equipment	Total
102450	R-16 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.73	\$0.00	\$1.60
102451	R-19 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.83	\$0.00	\$1.70
102452	R-19 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.78	\$0.00	\$1.65
102453	R-20 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.90	\$0.00	\$1.77
102454	R-20 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.85	\$0.00	\$1.72
102455	R-21 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$0.99	\$0.00	\$1.86
102456	R-21 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$0.94	\$0.00	\$1.81
102457	R-25 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$1.06	\$0.00	\$1.93
102458	R-25 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$1.01	\$0.00	\$1.88
102459	R-30 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$1.21	\$0.00	\$2.08
102460	R-30 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$1.15	\$0.00	\$2.02
102461	R-38 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$1.32	\$0.00	\$2.19
102462	R-38 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$1.24	\$0.00	\$2.11
102463	R-49 Fiberglass Batt Insulation - Faced	SF	\$0.87	\$1.85	\$0.00	\$2.72
102464	R-49 Fiberglass Batt Insulation - Unfaced	SF	\$0.87	\$1.77	\$0.00	\$2.64
102465	R-15 Mineral Fiber Batt Insulation - Faced	SF	\$0.87	\$1.44	\$0.00	\$2.31
102466	R-15 Mineral Fiber Batt Insulation - Unfaced	SF	\$0.87	\$1.37	\$0.00	\$2.24
102467	R-23 Mineral Fiber Batt Insulation - Faced	SF	\$0.87	\$1.85	\$0.00	\$2.72
102468	R-23 Mineral Fiber Batt Insulation - Unfaced	SF	\$0.87	\$1.77	\$0.00	\$2.64
102469	R-24 Mineral Fiber Batt Insulation - Faced	SF	\$0.87	\$1.89	\$0.00	\$2.76
102470	R-24 Mineral Fiber Batt Insulation - Unfaced	SF	\$0.87	\$1.79	\$0.00	\$2.66
102471	R-30 Mineral Fiber Batt Insulation - Faced	SF	\$0.87	\$1.97	\$0.00	\$2.84
102472	R-30 Mineral Fiber Batt Insulation - Unfaced	SF	\$0.87	\$1.88	\$0.00	\$2.75
102473	R-13 Recycled Cotton Fiber Insulation - Faced	SF	\$0.87	\$1.06	\$0.00	\$1.93
102474	R-13 Recycled Cotton Fiber Insulation - Unfaced	SF	\$0.87	\$1.01	\$0.00	\$1.88
102475	R-19 Recycled Cotton Fiber Insulation - Faced	SF	\$0.87	\$1.26	\$0.00	\$2.13
102476	R-19 Recycled Cotton Fiber Insulation - Unfaced	SF	\$0.87	\$1.19	\$0.00	\$2.06
102477	R-21 Recycled Cotton Fiber Insulation - Faced	SF	\$0.87	\$1.51	\$0.00	\$2.38
102478	R-21 Recycled Cotton Fiber Insulation - Unfaced	SF	\$0.87	\$1.43	\$0.00	\$2.30
102479	R-30 Recycled Cotton Fiber Insulation - Faced	SF	\$0.87	\$2.49	\$0.00	\$3.36

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		Units	Labor	Material	Equipment	Total
102480	R-30 Recycled Cotton Fiber Insulation - Unfaced	SF	\$0.87	\$2.35	\$0.00	\$3.22
102481	Fire Safing Wool Batt	LF	\$3.48	\$2.65	\$0.00	\$6.13
102482	[Modifier] Quantity Premium - Blanket Insulation (101-500 SF) – Faced Or Unfaced Quantity premium can be used when total square footage in section 07-21-16 Blanket Insulation are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102483	[Modifier] Quantity Premium - Blanket Insulation (51-100 SF) – Faced Or Unfaced Quantity premium can be used when total square footage in section 07-21-16 Blanket Insulation are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102484	[Modifier] Quantity Premium - Blanket Insulation (< Or = to 50 SF) – Faced Or Unfaced Quantity premium can be used when total square footage in section 07-21-16 Blanket Insulation are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
07-21-26 Blown Insulation						
102485	Cellulose Blown Insulation R-3.5 per inch	CF	\$0.86	\$1.58	\$0.00	\$2.44
102486	Cellulose Blown Insulation – Installation In Existing Framing – Includes Coring and Patching R-3.5 per inch	CF	\$3.47	\$1.58	\$0.00	\$5.05
102487	Cellulose Blown Insulation – Installation In Existing CMU Partition- Includes Coring and Patching R-3.5 per inch	CF	\$6.93	\$1.58	\$0.00	\$8.51
102488	Fiberglass Blown Insulation R-2.5 per inch	CF	\$0.94	\$1.72	\$0.00	\$2.66
102489	Fiberglass Blown Insulation – Installation In Existing Framing – Includes Coring and Patching R-2.5 per inch	CF	\$3.76	\$1.72	\$0.00	\$5.48
102490	Fiberglass Blown Insulation – Installation In Existing CMU Partition – Includes Coring and Patching R-2.5 per inch	CF	\$7.51	\$1.72	\$0.00	\$9.23
102491	Mineral Fiber Blown Insulation R-2.8 per inch	CF	\$1.04	\$1.89	\$0.00	\$2.93
102492	Mineral Fiber Blown Insulation – Installation In Existing Framing – Includes Coring and Patching R-2.8 per inch	CF	\$4.13	\$1.89	\$0.00	\$6.02

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		Units	Labor	Material	Equipment	Total
102493	Mineral Fiber Blown Insulation – Installation In Existing CMU Partition- Includes Coring and Patching R-2.8 per inch	CF	\$8.26	\$1.89	\$0.00	\$10.15
102494	[Modifier] Quantity Premium - Blown Insulation (101-125 CF) Quantity premium can be used when total cubic footage in section 07-21-26 Blown Insulation are within stated quantity. Can be applied cumulatively to applicable line items. Applies to all installation applications.	CF	\$4.63	\$0.00	\$0.00	\$4.63
102495	[Modifier] Quantity Premium - Blown Insulation (26-100 CF) Quantity premium can be used when total cubic footage in section 07-21-26 Blown Insulation are within stated quantity. Can be applied cumulatively to applicable line items. Applies to all installation applications.	CF	\$8.37	\$0.00	\$0.00	\$8.37
102496	[Modifier] Quantity Premium - Blown Insulation (< or = to 25 CF) Quantity premium can be used when total cubic footage in section 07-21-26 Blown Insulation are within stated quantity. Can be applied cumulatively to applicable line items. Applies to all installation applications.	CF	\$20.93	\$0.00	\$0.00	\$20.93
07-21-29 Sprayed Insulation						
102497	Spray Foam Insulation – Open Cell R-3.6 per inch	CF	\$4.17	\$5.74	\$0.00	\$9.91
102498	Spray Foam Insulation – Open Cell – Installation In Existing Framing – Includes Coring and Patching R-3.6 per inch	CF	\$16.68	\$5.74	\$0.00	\$22.42
102499	Spray Foam Insulation – Open Cell – Installation In Existing CMU Partition- Includes Coring and Patching R-3.6 per inch	CF	\$33.36	\$5.74	\$0.00	\$39.10
102500	Spray Foam Insulation – Closed Cell R-5.9 per inch	CF	\$5.22	\$9.56	\$0.00	\$14.78
102501	Spray Foam Insulation – Closed Cell – Installation In Existing Framing – Includes Coring and Patching R-5.9 per inch	CF	\$20.87	\$9.56	\$0.00	\$30.43
102502	Spray Foam Insulation – Closed Cell – Installation In Existing CMU Partition- Includes Coring and Patching R-5.9 per inch	CF	\$41.74	\$9.56	\$0.00	\$51.30

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		Units	Labor	Material	Equipment	Total
102503	[Modifier] Quantity Premium - Sprayed Insulation (101-125 CF) Quantity premium can be used when total cubic footage in section 07-21-29 Sprayed Insulation are within stated quantity. Can be applied cumulatively to base line items. Applies to all installation applications.	CF	\$4.63	\$0.00	\$0.00	\$4.63
102504	[Modifier] Quantity Premium - Sprayed Insulation (26-100 CF) Quantity premium can be used when total cubic footage in section 07-21-29 Sprayed Insulation are within stated quantity. Can be applied cumulatively to base line items. Applies to all installation applications.	CF	\$8.37	\$0.00	\$0.00	\$8.37
102505	[Modifier] Quantity Premium - Sprayed Insulation (< or = to 25 CF) Quantity premium can be used when total cubic footage in section 07-21-29 Sprayed Insulation are within stated quantity. Can be applied cumulatively to base line items. Applies to all installation applications.	CF	\$20.93	\$0.00	\$0.00	\$20.93

07-22-00 Roof and Deck Insulation

Includes compressive strength of up to 50 PSI

07-22-00 Roof and Deck Insulation

Includes compressive strength of up to 50 PSI

102506	1/2" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.05	\$1.22	\$0.00	\$2.27
102507	1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.05	\$1.46	\$0.00	\$2.51
102508	1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.05	\$1.46	\$0.00	\$2.51
102509	1/2" Rigid Insulation -Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.05	\$1.65	\$0.00	\$2.70
102510	1" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.05	\$1.52	\$0.00	\$2.57
102511	1" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.05	\$1.83	\$0.00	\$2.88

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		Units	Labor	Material	Equipment	Total
102512	1" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.05	\$1.83	\$0.00	\$2.88
102513	1" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.05	\$2.06	\$0.00	\$3.11
102514	1 1/2" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.10	\$1.90	\$0.00	\$3.00
102515	1 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.10	\$2.29	\$0.00	\$3.39
102516	1 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.10	\$2.29	\$0.00	\$3.39
102517	1 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.10	\$2.57	\$0.00	\$3.67
102518	2" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.10	\$2.39	\$0.00	\$3.49
102519	2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.10	\$2.86	\$0.00	\$3.96
102520	2" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.10	\$2.86	\$0.00	\$3.96
102521	2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.10	\$3.22	\$0.00	\$4.32
102522	2 1/2" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.10	\$2.63	\$0.00	\$3.73
102523	2 1/2" Rigid Insulation -Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.10	\$3.16	\$0.00	\$4.26
102524	2 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.10	\$3.16	\$0.00	\$4.26

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		Units	Labor	Material	Equipment	Total
102525	2 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.10	\$3.55	\$0.00	\$4.65
102526	3" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.22	\$2.89	\$0.00	\$4.11
102527	3" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.22	\$3.46	\$0.00	\$4.68
102528	3" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.22	\$3.46	\$0.00	\$4.68
102529	3" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.22	\$3.89	\$0.00	\$5.11
102530	3 1/2" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.22	\$3.17	\$0.00	\$4.39
102531	3 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.22	\$3.80	\$0.00	\$5.02
102532	3 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.22	\$3.80	\$0.00	\$5.02
102533	3 1/2" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.22	\$4.28	\$0.00	\$5.50
102534	4" Rigid Insulation – Extruded Polystyrene (XPS) R-4.8 to 5 per inch	SF	\$1.22	\$3.49	\$0.00	\$4.71
102535	4" Rigid Insulation – Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi R-4.8 to 5 per inch	SF	\$1.22	\$4.18	\$0.00	\$5.40
102536	4" Rigid Insulation – Extruded Polystyrene (XPS) – Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.22	\$4.18	\$0.00	\$5.40
102537	4" Rigid Insulation -Extruded Polystyrene (XPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-4.8 to 5 per inch	SF	\$1.22	\$4.71	\$0.00	\$5.93
102538	1/2" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.05	\$1.10	\$0.00	\$2.15

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		Units	Labor	Material	Equipment	Total
102539	1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.05	\$1.32	\$0.00	\$2.37
102540	1/2" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.05	\$1.32	\$0.00	\$2.37
102541	1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.05	\$1.49	\$0.00	\$2.54
102542	1" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.05	\$1.38	\$0.00	\$2.43
102543	1" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.05	\$1.66	\$0.00	\$2.71
102544	1" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.05	\$1.66	\$0.00	\$2.71
102545	1" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.05	\$1.85	\$0.00	\$2.90
102546	1 1/2" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.10	\$1.72	\$0.00	\$2.82
102547	1 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.10	\$2.06	\$0.00	\$3.16
102548	1 1/2" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.10	\$2.06	\$0.00	\$3.16
102549	1 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.10	\$2.32	\$0.00	\$3.42
102550	2" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.10	\$2.15	\$0.00	\$3.25
102551	2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.10	\$2.58	\$0.00	\$3.68
102552	2" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.10	\$2.58	\$0.00	\$3.68

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		Units	Labor	Material	Equipment	Total
102553	2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.10	\$2.90	\$0.00	\$4.00
102554	2 1/2" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.10	\$2.36	\$0.00	\$3.46
102555	2 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.10	\$2.84	\$0.00	\$3.94
102556	2 1/2" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.10	\$2.84	\$0.00	\$3.94
102557	2 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.10	\$3.19	\$0.00	\$4.29
102558	3" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.22	\$2.60	\$0.00	\$3.82
102559	3" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.22	\$3.12	\$0.00	\$4.34
102560	3" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.22	\$3.12	\$0.00	\$4.34
102561	3" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.22	\$3.51	\$0.00	\$4.73
102562	3 1/2" Rigid Insulation -Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.22	\$2.86	\$0.00	\$4.08
102563	3 1/2" Rigid Insulation -Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.22	\$3.44	\$0.00	\$4.66
102564	3 1/2" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.22	\$3.44	\$0.00	\$4.66
102565	3 1/2" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.22	\$3.86	\$0.00	\$5.08
102566	4" Rigid Insulation – Polyisocyanurate R-5 to 5.6 per inch	SF	\$1.22	\$3.13	\$0.00	\$4.35
102567	4" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi R-5 to 5.6 per inch	SF	\$1.22	\$3.77	\$0.00	\$4.99

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		Units	Labor	Material	Equipment	Total
102568	4" Rigid Insulation – Polyisocyanurate – Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.22	\$3.77	\$0.00	\$4.99
102569	4" Rigid Insulation – Polyisocyanurate – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-5 to 5.6 per inch	SF	\$1.22	\$4.24	\$0.00	\$5.46
102570	1/2" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.05	\$0.88	\$0.00	\$1.93
102571	1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.05	\$1.05	\$0.00	\$2.10
102572	1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.05	\$1.05	\$0.00	\$2.10
102573	1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.05	\$1.18	\$0.00	\$2.23
102574	1" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.05	\$1.10	\$0.00	\$2.15
102575	1" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.05	\$1.32	\$0.00	\$2.37
102576	1" Rigid Insulation -Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.05	\$1.32	\$0.00	\$2.37
102577	1" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.05	\$1.49	\$0.00	\$2.54
102578	1 1/2" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.10	\$1.38	\$0.00	\$2.48
102579	1 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.10	\$1.66	\$0.00	\$2.76
102580	1 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.10	\$1.66	\$0.00	\$2.76
102581	1 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.10	\$1.85	\$0.00	\$2.95

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		Units	Labor	Material	Equipment	Total
102582	2" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.10	\$1.72	\$0.00	\$2.82
102583	2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.10	\$2.06	\$0.00	\$3.16
102584	2" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.10	\$2.06	\$0.00	\$3.16
102585	2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.10	\$2.32	\$0.00	\$3.42
102586	2 1/2" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.10	\$1.89	\$0.00	\$2.99
102587	2 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.10	\$2.27	\$0.00	\$3.37
102588	2 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.10	\$2.27	\$0.00	\$3.37
102589	2 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.10	\$2.55	\$0.00	\$3.65
102590	3" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.22	\$2.07	\$0.00	\$3.29
102591	3" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.22	\$2.49	\$0.00	\$3.71
102592	3" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.22	\$2.49	\$0.00	\$3.71
102593	3" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.22	\$2.80	\$0.00	\$4.02
102594	3 1/2" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.22	\$2.29	\$0.00	\$3.51
102595	3 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.22	\$2.74	\$0.00	\$3.96

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		Units	Labor	Material	Equipment	Total
102596	3 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.22	\$2.74	\$0.00	\$3.96
102597	3 1/2" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.22	\$3.10	\$0.00	\$4.32
102598	4" Rigid Insulation – Expanded Polystyrene (EPS) R-3.6 to 4.2 per inch	SF	\$1.22	\$2.51	\$0.00	\$3.73
102599	4" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi R-3.6 to 4.2 per inch	SF	\$1.22	\$3.01	\$0.00	\$4.23
102600	4" Rigid Insulation – Expanded Polystyrene (EPS) – Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.22	\$3.01	\$0.00	\$4.23
102601	4" Rigid Insulation – Expanded Polystyrene (EPS) – Compressive Strength > 50 Psi and Tapered Rigid Roof Insulation R-3.6 to 4.2 per inch	SF	\$1.22	\$3.39	\$0.00	\$4.61
102602	Roof Cover / Protection Board Includes, asphaltic, gypsum, perlite, and fiberglass cover boards	SF	\$1.05	\$1.29	\$0.00	\$2.34
102603	Roof Crickets	EA	\$182.11	\$196.10	\$0.00	\$378.21
102604	[Modifier] Quantity Premium - Roof and Deck Insulation (101-500 SF) Quantity premium can be used when total square footage in section 07-22-00 Roof and Deck Insulation are within stated quantity. Can be applied cumulatively to base line items. Applies to all insulation types.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102605	[Modifier] Quantity Premium - Roof and Deck Insulation (51-100 SF) Quantity premium can be used when total square footage in section 07-22-00 Roof and Deck Insulation are within stated quantity. Can be applied cumulatively to base line items. Applies to all insulation types.	SF	\$5.49	\$0.00	\$0.00	\$5.49

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		Units	Labor	Material	Equipment	Total
102606	[Modifier] Quantity Premium - Roof and Deck Insulation (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-22-00 Roof and Deck Insulation are within stated quantity. Can be applied cumulatively to base line items. Applies to all insulation types.	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-24-00 Exterior Insulation and Finish Systems

Complete system finished and textured at all exposed surfaces. Includes standard weight impact reinforcing mesh, flashings, control and expansion joints and sealants, colors and textures. Quantity based on SFCA - square foot contact area

07-24-00 Exterior Insulation and Finish Systems

Complete system finished and textured at all exposed surfaces. Includes standard weight impact reinforcing mesh, flashings, control and expansion joints and sealants, colors and textures. Quantity based on SFCA - square foot contact area

102607	EIFS System With 2" Insulation	SF	\$7.76	\$7.13	\$0.00	\$14.89
102608	EIFS System With 3" Insulation	SF	\$8.62	\$9.28	\$0.00	\$17.90
102609	EIFS System With 4" Insulation	SF	\$9.32	\$12.14	\$0.00	\$21.46
102610	EIFS Soffits	SF	\$10.86	\$9.28	\$0.00	\$20.14
102611	EIFS Column Cover	SF	\$12.43	\$8.57	\$0.00	\$21.00
102612	EIFS Banding / Cornice up to 4" Foam with cementitious coating. Built up combinations may be added cumulatively	LF	\$5.23	\$4.24	\$0.00	\$9.47
102613	EIFS Banding / Cornice up to 6" Foam with cementitious coating. Built up combinations may be added cumulatively	LF	\$5.82	\$6.36	\$0.00	\$12.18
102614	EIFS Banding / Cornice up to 8" Foam with cementitious coating. Built up combinations may be added cumulatively	LF	\$6.54	\$8.48	\$0.00	\$15.02
102615	EIFS Banding / Cornice up to 12" Foam with cementitious coating. Built up combinations may be added cumulatively	LF	\$8.72	\$10.61	\$0.00	\$19.33
102616	EIFS Sill Foam with cementitious coating. Built up combinations may be added cumulatively	LF	\$5.23	\$5.83	\$0.00	\$11.06
102617	EIFS Header Foam with cementitious coating. Built up combinations may be added cumulatively	LF	\$6.54	\$9.54	\$0.00	\$16.08
102618	EIFS Corbel Foam with cementitious coating. Built up combinations may be added cumulatively	EA	\$130.18	\$159.01	\$0.00	\$289.19
102619	EIFS Column Cap Or Base Foam with cementitious coating. Built up combinations may be added cumulatively	EA	\$130.18	\$185.50	\$0.00	\$315.68

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		Units	Labor	Material	Equipment	Total
102620	[Modifier] Quantity Premium - Exterior Insulation and Finish Systems (101-500 SF) Quantity premium can be used when total square footage in section 07-24-00 Exterior Insulation and Finish Systems are within stated quantity. Can be applied cumulatively to base line items.	EA	\$2.09	\$0.00	\$0.00	\$2.09
102621	[Modifier] Quantity Premium - Exterior Insulation and Finish Systems (51-100 SF) Quantity premium can be used when total square footage in section 07-24-00 Exterior Insulation and Finish Systems are within stated quantity. Can be applied cumulatively to base line items.	EA	\$5.23	\$0.00	\$0.00	\$5.23
102622	[Modifier] Quantity Premium - Exterior Insulation and Finish Systems (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-24-00 Exterior Insulation and Finish Systems are within stated quantity. Can be applied cumulatively to base line items.	EA	\$10.46	\$0.00	\$0.00	\$10.46
102623	[Modifier] Heavy Weight Reinforcement Mesh > 15#	SF	\$0.86	\$1.06	\$0.00	\$1.92

07-25-00 Weather Barriers

Water impermeable, vapor semi-permeable barriers, unless otherwise noted.

07-25-00 Weather Barriers

Water impermeable, vapor semi-permeable barriers, unless otherwise noted.

102624	Sheet Membrane Air / Vapor Barrier	SF	\$2.08	\$2.12	\$0.00	\$4.20
102625	Fluid Applied Air / Vapor Barrier	SF	\$0.89	\$1.58	\$0.00	\$2.47
102626	Building Wrap Air / Vapor Barrier Tyvek or equal	SF	\$0.89	\$0.27	\$0.00	\$1.16
102627	Asphalt Saturated Building Paper 15# Can use this line items when it's not included as part of a system unit price	SF	\$0.75	\$0.17	\$0.00	\$0.92
102628	Asphalt Saturated Building Paper 30# Can use this line items when it's not included as part of a system unit price	SF	\$0.77	\$0.34	\$0.00	\$1.11
102629	Asphalt Saturated Building Paper Double Layer Can use this line items when it's not included as part of a system unit price	SF	\$0.80	\$0.68	\$0.00	\$1.48
102630	Roof Vapor Barrier Water and Vapor impermeable	SF	\$0.89	\$0.27	\$0.00	\$1.16

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		Units	Labor	Material	Equipment	Total
102631	[Modifier] Quantity Premium - Weather Barriers (101-500 SF) Quantity premium can be used when total square footage in section 07-25-00 Weather Barriers are within stated quantity. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102632	[Modifier] Quantity Premium - Weather Barriers (51-100 SF) Quantity premium can be used when total square footage in section 07-25-00 Weather Barriers are within stated quantity. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102633	[Modifier] Quantity Premium - Weather Barriers (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-25-00 Weather Barriers are within stated quantity. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-30-00 Steep Slope Roofing

07-31-00 Shingles and Shakes

07-31-13 Asphalt Shingles

102634	Asphalt Saturated Building Paper 15# Can use this line items when it's not included as part of a system unit price	SF	\$0.78	\$0.17	\$0.00	\$0.95
102635	Asphalt Saturated Building Paper 15# – Roof Pitch Of 6 To 12 Or Greater Can use this line items when it's not included as part of a system unit price	SF	\$1.14	\$0.17	\$0.00	\$1.31
102636	Asphalt Saturated Building Paper 30# Can use this line items when it's not included as part of a system unit price	SF	\$0.82	\$0.34	\$0.00	\$1.16
102637	Asphalt Saturated Building Paper 30# – Roof Pitch Of 6 To 12 Or Greater Can use this line items when it's not included as part of a system unit price	SF	\$1.17	\$0.34	\$0.00	\$1.51
102638	Synthetic Roofing Underlayment Up To 25 Mil Can use this line items when it's not included as part of a system unit price. TITANIUM UDL 30 or equal	SF	\$0.82	\$0.37	\$0.00	\$1.19

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		Units	Labor	Material	Equipment	Total
102639	Synthetic Roofing Underlayment Up To 25 Mil – Roof Pitch Of 6 To 12 Or Greater Can use this line items when it's not included as part of a system unit price. TITANIUM UDL 30 or equal	SF	\$1.17	\$0.37	\$0.00	\$1.54
102640	Self-Adhered Roofing Underlayment Ice and water shield / barrier or equal	SF	\$1.00	\$1.06	\$0.00	\$2.06
102641	Self-Adhered Roofing Underlayment – Roof Pitch Of 6 To 12 Or Greater Ice and water shield / barrier or equal	SF	\$1.45	\$1.06	\$0.00	\$2.51
102642	Asphalt Shingle 20 Year Architectural Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$1.88	\$0.00	\$5.01
102643	Asphalt Shingle 20 Year Architectural – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$1.88	\$0.00	\$6.41
102644	Asphalt Shingle 25 Year Architectural Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$2.00	\$0.00	\$5.13
102645	Asphalt Shingle 25 Year Architectural – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$2.00	\$0.00	\$6.53
102646	Asphalt Shingle 30 Year Architectural Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$2.15	\$0.00	\$5.28

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		Units	Labor	Material	Equipment	Total
102647	Asphalt Shingle 30 Year Architectural – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$2.15	\$0.00	\$6.68
102648	Asphalt Shingle Limited Lifetime Architectural Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$2.55	\$0.00	\$5.68
102649	Asphalt Shingle Limited Lifetime Architectural – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$2.55	\$0.00	\$7.08
102650	Asphalt Shingle 20 Year Three Tab Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$1.58	\$0.00	\$4.71
102651	Asphalt Shingle 20 Year Three Tab – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$1.58	\$0.00	\$6.11
102652	Asphalt Shingle 25 Year Three Tab Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$1.71	\$0.00	\$4.84
102653	Asphalt Shingle 25 Year Three Tab – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$1.71	\$0.00	\$6.24
102654	Asphalt Shingle 30 Year Three Tab Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$1.83	\$0.00	\$4.96

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		Units	Labor	Material	Equipment	Total
102655	Asphalt Shingle 30 Year Three Tab – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$1.83	\$0.00	\$6.36
102656	Asphalt Shingle Limited Lifetime Three Tab Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$3.13	\$2.17	\$0.00	\$5.30
102657	Asphalt Shingle Limited Lifetime Three Tab – Roof Pitch Of 6 To 12 Or Greater Class A Shingles. Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.53	\$2.17	\$0.00	\$6.70
102658	[Modifier] Quantity Premium - Asphalt Shingles (101-500 SF) Quantity premium can be used when total square footage in section 07-31-13 Asphalt Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102659	[Modifier] Quantity Premium - Asphalt Shingles (51-100 SF) Quantity premium can be used when total square footage in section 07-31-13 Asphalt Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102660	[Modifier] Quantity Premium - Asphalt Shingles (< or = 50 SF) Quantity premium can be used when total square footage in section 07-31-13 Asphalt Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-31-16 Metal Shingles

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		Units	Labor	Material	Equipment	Total
102661	Metal Roof Shingles – Steel Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.69	\$6.57	\$0.00	\$11.26
102662	Metal Roof Shingles – Steel – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$6.81	\$6.57	\$0.00	\$13.38
102663	Metal Roof Shingles – Aluminum Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.69	\$7.95	\$0.00	\$12.64
102664	Metal Roof Shingles – Aluminum – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$6.81	\$7.95	\$0.00	\$14.76
102665	[Modifier] Quantity Premium - Metal Shingles (101-500 SF) Quantity premium can be used when total square footage in section 07-31-16 Metal Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation types.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102666	[Modifier] Quantity Premium - Metal Shingles (51-100 SF) Quantity premium can be used when total square footage in section 07-31-16 Metal Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation types.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102667	[Modifier] Quantity Premium - Metal Shingles (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-31-16 Metal Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation types.	SF	\$10.96	\$0.00	\$0.00	\$10.96
07-31-26 Slate Shingles						
102668	Natural Slate Shingles – Class A Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$13.13	\$7.00	\$0.00	\$20.13

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		Units	Labor	Material	Equipment	Total
102669	Natural Slate Shingles – Class A – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$19.03	\$7.00	\$0.00	\$26.03
102670	Natural Slate Shingles – Class C Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$13.13	\$4.02	\$0.00	\$17.15
102671	Natural Slate Shingles – Class C – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$19.03	\$4.02	\$0.00	\$23.05
102672	Synthetic Slate Shingles – Class A Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$8.74	\$7.00	\$0.00	\$15.74
102673	Synthetic Slate Shingles – Class A – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$12.68	\$7.00	\$0.00	\$19.68
102674	Synthetic Slate Shingles – Class C Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$8.74	\$4.02	\$0.00	\$12.76
102675	Synthetic Slate Shingles – Class C – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$12.68	\$4.02	\$0.00	\$16.70
102676	Synthetic Slate Shingles – Class A – Custom Color Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$8.74	\$7.84	\$0.00	\$16.58
102677	Synthetic Slate Shingles – Class A – Custom Color – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$12.68	\$7.84	\$0.00	\$20.52

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		Units	Labor	Material	Equipment	Total
102678	Synthetic Slate Shingles – Class C – Custom Color Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$8.74	\$4.92	\$0.00	\$13.66
102679	Synthetic Slate Shingles – Class C – Custom Color – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$12.68	\$4.92	\$0.00	\$17.60
102680	[Modifier] Quantity Premium - Slate Shingles (101-500 SF) Quantity premium can be used when total square footage in section 07-31-26 Slate Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102681	[Modifier] Quantity Premium - Slate Shingles (51-100 SF) Quantity premium can be used when total square footage in section 07-31-26 Slate Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102682	[Modifier] Quantity Premium - Slate Shingles (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-31-26 Slate Shingles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96
07-31-29	Wood Shingles and Shakes					
102683	Cedar Shingles Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$4.47	\$5.51	\$0.00	\$9.98
102684	Cedar Shingles – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$6.50	\$5.51	\$0.00	\$12.01

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		Units	Labor	Material	Equipment	Total
102685	[Modifier] Quantity Premium - Wood Shingles and Shakes (101-500 SF) Quantity premium can be used when total square footage in section 07-31-29 Wood Shingles and Shakes are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102686	[Modifier] Quantity Premium - Wood Shingles and Shakes (51-100 SF) Quantity premium can be used when total square footage in section 07-31-29 Wood Shingles and Shakes are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102687	[Modifier] Quantity Premium - Wood Shingles and Shakes (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-31-29 Wood Shingles and Shakes are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-32-00 Roof Tiles

07-32-13 Clay Roof Tiles

102688	Clay Roof Tiles Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$8.74	\$8.06	\$0.00	\$16.80
102689	Clay Roof Tiles – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$12.68	\$8.06	\$0.00	\$20.74
102690	[Modifier] Quantity Premium - Clay Roof Tiles (101-500 SF) Quantity premium can be used when total square footage in section 07-32-13 Clay Roof Tiles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
102691	[Modifier] Quantity Premium - Clay Roof Tiles (51-100 SF) Quantity premium can be used when total square footage in section 07-32-13 Clay Roof Tiles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102692	[Modifier] Quantity Premium - Clay Roof Tiles (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-32-13 Clay Roof Tiles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96
07-32-16 Concrete Roof Tiles						
102693	Concrete Roof Tiles Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$8.74	\$7.00	\$0.00	\$15.74
102694	Concrete Roof Tiles – Roof Pitch Of 6 To 12 Or Greater Cost includes installation of shingles, including, caps, ridge vents, flashing, fasteners, drip and rake edge, pipe sleeves	SF	\$12.68	\$7.00	\$0.00	\$19.68
102695	[Modifier] Quantity Premium - Concrete Roof Tiles (101-500 SF) Quantity premium can be used when total square footage in section 07-32-16 Concrete Roof Tiles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102696	[Modifier] Quantity Premium - Concrete Roof Tiles (51-100 SF) Quantity premium can be used when total square footage in section 07-32-16 Concrete Roof Tiles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102697	[Modifier] Quantity Premium - Concrete Roof Tiles (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-32-16 Concrete Roof Tiles are within stated quantities. Can be applied cumulatively to base line items. Applies to all installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-33-00 Natural Roof Coverings

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		Units	Labor	Material	Equipment	Total
07-33-00 Natural Roof Coverings						
102698	Green Roof System – Extensive Entire system from the deck up. Waterproofing membrane, protection course, root barrier, insulation, moisture retention/drainage panel, filter fabric, growing media, and extensive vegetation plantings	SF	\$25.53	\$16.96	\$0.00	\$42.49
102699	Green Roof System – Intensive Entire system from the deck up. Waterproofing membrane, protection course, root barrier, insulation, moisture retention/drainage panel, filter fabric, 2' of growing media, and intensive vegetation plantings.	SF	\$54.26	\$36.05	\$0.00	\$90.31
102700	Green Roof Trays (Excludes Roof System) Self-contained vegetative modules in aluminum frame. Includes root barrier, moisture retention/drainage panel, filter fabric, growing media, and extensive vegetation plantings	SF	\$7.98	\$18.55	\$0.00	\$26.53
102701	[Modifier] Quantity Premium - Natural Roof Coverings (101-500 SF) Quantity premium can be used when total square footage in section 07-33-00 Natural Roof Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102702	[Modifier] Quantity Premium - Natural Roof Coverings (51-100 SF) Quantity premium can be used when total square footage in section 07-33-00 Natural Roof Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102703	[Modifier] Quantity Premium - Natural Roof Coverings (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-33-00 Natural Roof Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.96	\$0.00	\$0.00	\$10.96
07-40-00 Roofing and Siding Panels						
07-41-00 Roof Panels						
07-41-13 Metal Roof Panels						
<i>All steel panels to be galvalume with manufacturers standard paint color and finish. Systems include metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)</i>						

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		Units	Labor	Material	Equipment	Total
102704	Steel Corrugated Roof Panels – 26 Gauge, Painted Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$4.93	\$4.08	\$0.00	\$9.01
102705	Steel Corrugated Roof Panels – 26 Gauge, Painted Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.15	\$4.08	\$0.00	\$11.23
102706	Steel Corrugated Roof Panels – 24 Gauge, Painted Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$4.93	\$4.69	\$0.00	\$9.62
102707	Steel Corrugated Roof Panels – 24 Gauge, Painted Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.15	\$4.69	\$0.00	\$11.84
102708	Copper Corrugated Roof Panels – 26 Gauge (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$4.93	\$8.17	\$0.00	\$13.10
102709	Copper Corrugated Roof Panels – 26 Gauge (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.15	\$8.17	\$0.00	\$15.32
102710	Copper Corrugated Roof Panels – 24 Gauge (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$4.93	\$9.39	\$0.00	\$14.32
102711	Copper Corrugated Roof Panels – 24 Gauge (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.15	\$9.39	\$0.00	\$16.54
102712	[Modifier] Quantity Premium - Metal Roof Panels (101-500 SF) Quantity premium can be used when total square footage in section 07-41-13 Metal Roof Panels are within stated quantities. Can be applied cumulatively to base line items. Applies to all material types and installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
102713	[Modifier] Quantity Premium - Metal Roof Panels (51-100 SF) Quantity premium can be used when total square footage in section 07-41-13 Metal Roof Panels are within stated quantities. Can be applied cumulatively to base line items. Applies to all material types and installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102714	[Modifier] Quantity Premium - Metal Roof Panels (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-41-13 Metal Roof Panels are within stated quantities. Can be applied cumulatively to base line items. Applies to all material types and installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-42-00 Wall Panels

07-42-13 Metal Wall Panels

Vertical or horizontal laid, exterior grade, formed metal sheets. All panels installed including color matched closure top and bottom trims, and all sealants or flashing required by panel manufacturer. Factory prefinished with manufacturer's powder coat or PVDF 2-coat unless otherwise noted. Includes subgirt framing system, with rails or supports

102715	Formed Metal Wall Panels – Economy – Up To 1-1/2" Deep, 24 Gauge	SF	\$9.66	\$15.90	\$0.00	\$25.56
102716	Formed Metal Wall Panels – Standard – Up To 4" Deep, 24 Gauge	SF	\$13.60	\$21.20	\$0.00	\$34.80
102717	Formed Metal Wall Panels – Premium – Up To 2" Deep, 22 Gauge	SF	\$18.22	\$26.50	\$0.00	\$44.72
102718	Formed Metal Wall Panels Soffit – Economy – Up To 1-1/2" Deep, 24 Gauge	SF	\$9.66	\$15.90	\$0.00	\$25.56
102719	Formed Metal Wall Panels Soffit – Standard – Up To 4" Deep, 24 Gauge	SF	\$13.60	\$21.20	\$0.00	\$34.80
102720	Formed Metal Wall Panels Soffit – Premium – Up To 2" Deep, 22 Gauge	SF	\$18.22	\$26.50	\$0.00	\$44.72
102721	[Modifier] Quantity Premium - Metal Wall Panels (101-500 SF) Quantity premium can be used when total square footage in section 07-42-13 Metal Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09

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		Units	Labor	Material	Equipment	Total
102722	[Modifier] Quantity Premium - Metal Wall Panels (51-100 SF) Quantity premium can be used when total square footage in section 07-42-13 Metal Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102723	[Modifier] Quantity Premium - Metal Wall Panels (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-42-13 Metal Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
102724	[Modifier] For Thermal Break Subframing	SF	\$3.51	\$3.18	\$0.00	\$6.69
102725	[Modifier] For Concealed Fastener	SF	\$0.00	\$5.30	\$0.00	\$5.30
07-42-43 Composite Wall Panels						
<i>Factory formed, face sheets bonded to thermoplastic core material, with flat profiles, and modular face sizes. Factory prefinished with manufacturer's powder coat or PVDF 2-coat unless otherwise noted. Includes subgirt framing system, with rails or supports. Color matched closure trim and flashing, including sealants for a complete assembly</i>						
102726	Composite Metal Panel – Economy Alucobond Alucore or equal	SF	\$9.66	\$12.73	\$0.00	\$22.39
102727	Composite Metal Panel – Standard Alucobond A2 or equal	SF	\$13.60	\$23.86	\$0.00	\$37.46
102728	Composite Metal Panel – Premium Alucobond A2 with exotic face materials or equal	SF	\$18.22	\$34.18	\$0.00	\$52.40
102729	High Pressure Laminate Wall Panel HPL exposed face with inner liner bonded to resin core. Factory formed corners and accessories included	SF	\$20.40	\$13.77	\$0.00	\$34.17
102730	Zinc Wall Panel Zinc exposed face with inner liner bonded to resin core. Factory formed corners and accessories included	SF	\$18.22	\$34.18	\$0.00	\$52.40
102731	Fiberglass Sandwich Wall Panel and Frame – Up To 2.75" Thick Kalwall or equal. Factory formed corners and accessories included	SF	\$11.63	\$22.04	\$0.00	\$33.67
102732	Fiberglass Sandwich Wall Panel and Frame – Up To 4" Thick Kalwall or equal. Factory formed corners and accessories included	SF	\$13.09	\$24.49	\$0.00	\$37.58

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		Units	Labor	Material	Equipment	Total
102733	[Modifier] Quantity Premium - Composite Wall Panels (101-500 SF) Quantity premium can be used when total square footage in section 07-42-43 Composite Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102734	[Modifier] Quantity Premium - Composite Wall Panels (51-100 SF) Quantity premium can be used when total square footage in section 07-42-43 Composite Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102735	[Modifier] Quantity Premium - Composite Wall Panels (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-42-43 Composite Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
102736	[Modifier] For Thermal Break Subframing	SF	\$3.51	\$3.18	\$0.00	\$6.69
102737	[Modifier] For Concealed Fastener	SF	\$0.00	\$5.30	\$0.00	\$5.30

07-42-46 Cementitious Wall Panels

Fiber cement composite panels, with or without interlocking edges. All factory formed transitions, metal trims, subgirt framing system, and flashings included

102738	Fiber Cement Panel – Economy Range Residential use, fiber cement cladding. 5/16" to 1/2" thick, direct nailed in traditional lap, board or shingle siding, or large panels mimicking profiles. Hardi Board or equal	SF	\$9.66	\$15.90	\$0.00	\$25.56
102739	Fiber Cement Panel – Standard Range High-end Residential and Commercial use, 1/2 – 5/8" thick, modular boards or larger cladding panels with smooth or lightly embossed faces, up to 32 sf panel sizes, with engineered backing and mounting system included. Standard face color, pattern and textures, limited to using one or two colors. Includes all accessory trims, sealants and flashing. Nichiha or equal	SF	\$13.60	\$28.73	\$0.00	\$42.33

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		Units	Labor	Material	Equipment	Total
102740	Fiber Cement Panel – Premium Range Fully engineered modular system with engineered backing and mounting system included to provide panels, trims and accessories for water managed design, including compliance with commercial wind loads and fire-resistance. Includes panel thicknesses up to 5/8" to provide decorative non-traditional pattern and textures, asymmetrical panel sizing, and multiple colors in same facade. Swisspearl or equal	SF	\$18.22	\$35.98	\$0.00	\$54.20
102741	[Modifier] Quantity Premium - Cementitious Wall Panels (101-500 SF) Quantity premium can be used when total square footage in section 07-42-46 Cementitious Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102742	[Modifier] Quantity Premium - Cementitious Wall Panels (51-100 SF) Quantity premium can be used when total square footage in section 07-42-46 Cementitious Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102743	[Modifier] Quantity Premium - Cementitious Wall Panels (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-42-46 Cementitious Wall Panels are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
102744	[Modifier] For Thermal Break Subframing	SF	\$3.51	\$3.18	\$0.00	\$6.69
102745	[Modifier] For Concealed Fastener	SF	\$0.00	\$5.30	\$0.00	\$5.30

07-46-00 Siding

Includes system, flashings, trims, corners, soffits. Finish selections from full range of manufacturer's colors and textures. Widths from 4" to 24"

07-46-00 Siding

Includes system, flashings, trims, corners, soffits. Finish selections from full range of manufacturer's colors and textures. Widths from 4" to 24"

102746	Aluminum Siding Interlocking panels flat or ship lap profiles, 44 gauge.	SF	\$4.16	\$8.84	\$0.00	\$13.00
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		Units	Labor	Material	Equipment	Total
102747	Steel Siding Lap seam or flat lap, 24 gauge, galvanized. Factory Powder coated	SF	\$4.16	\$8.53	\$0.00	\$12.69
102748	Wood Lap Siding Bevel lap or groove lap 3/4" thick, primed for paint, unfinished for stain.	SF	\$4.16	\$7.63	\$0.00	\$11.79
102749	Wood Shingle Siding Redwood or cedar machine cut. Includes underlayment and oil sealer.	SF	\$5.12	\$9.75	\$0.00	\$14.87
102750	Plastic Siding Horizontal Lap or vertical batten, .046 thick minimum. Vinyl or Polymer.	SF	\$3.12	\$5.73	\$0.00	\$8.85
102751	Fiber Cement Siding Clapboard, 5/6 thick, smooth or textured face. Ready for finish paint. Includes PVC trim	SF	\$4.16	\$8.23	\$0.00	\$12.39
102752	[Modifier] Quantity Premium - Siding (101-500 SF) Quantity premium can be used when total square footage in section 07-46-00 Siding are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
102753	[Modifier] Quantity Premium - Siding (51-100 SF) Quantity premium can be used when total square footage in section 07-46-00 Siding are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
102754	[Modifier] Quantity Premium - Siding (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-46-00 Siding are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

07-50-00 Membrane Roofing

07-50-00 Membrane Roofing

07-50-00 Membrane Roofing

102755	[Modifier] Clean Roof Surfaces of Sealants and Adhesives	DY	\$497.56	\$0.00	\$0.00	\$497.56
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07-51-00 Built-Up Bituminous Roofing

Includes felts, hot or cold mopping, cants, penetration flashing, fasteners, and cap sheet. Includes color matched coping and edge flashing where mopped into roofing assembly. Insulation and protection board added cumulatively.

07-51-00 Built-Up Bituminous Roofing

Includes felts, hot or cold mopping, cants, penetration flashing, fasteners, and cap sheet. Includes color matched coping and edge flashing where mopped into roofing assembly. Insulation and protection board added cumulatively.

102756	Built Up Roofing (BUR) - Hot Or Cold – 4 Ply	SF	\$4.05	\$4.02	\$0.00	\$8.07
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		Units	Labor	Material	Equipment	Total
102757	Built Up Roofing (BUR) - Hot Or Cold – 3 Ply	SF	\$3.81	\$3.79	\$0.00	\$7.60
102758	[Modifier] Quantity Premium - Built-Up Bituminous Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-51-00 Built-Up Bituminous Roofing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102759	[Modifier] Quantity Premium - Built-Up Bituminous Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-51-00 Built-Up Bituminous Roofing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102760	[Modifier] Quantity Premium - Built-Up Bituminous Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-51-00 Built-Up Bituminous Roofing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.96	\$0.00	\$0.00	\$10.96
102761	[Modifier] Stone Ballast	SF	\$0.47	\$0.91	\$0.00	\$1.38

07-52-00 Modified Bituminous Membrane Roofing

Includes cap sheet (granular or smooth), heat welded or self adhearing, cants, penetration flashing, and fasteners. Includes color matched coping and edge flashing. Insulation and protection board added cumulatively.

07-52-00 Modified Bituminous Membrane Roofing

Includes cap sheet (granular or smooth), heat welded or self adhearing, cants, penetration flashing, and fasteners. Includes color matched coping and edge flashing. Insulation and protection board added cumulatively.

102762	Modified Bituminous Roofing – APP – Granular or Smooth Cap Sheet, Membrane Thickness - 160 mil (4 mm), Single Layer	SF	\$1.62	\$2.41	\$0.00	\$4.03
102763	Modified Bituminous Roofing – SBS – Granular or Smooth Cap Sheet, Membrane Thickness - 160 mil (4 mm), Single Layer	SF	\$1.64	\$3.22	\$0.00	\$4.86
102764	[Modifier] Add Base Sheet, Single Layer, Self-Adhered, Membrane Thickness - 80 mil (2 mm) Quantity premium can be used when total square footage in section 07-52-00 Modified Bituminous Membrane Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$1.62	\$1.61	\$0.00	\$3.23

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		Units	Labor	Material	Equipment	Total
102765	[Modifier] Quantity Premium - Modified Bituminous Membrane Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-52-00 Modified Bituminous Membrane Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102766	[Modifier] Quantity Premium - Modified Bituminous Membrane Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-52-00 Modified Bituminous Membrane Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102767	[Modifier] Quantity Premium - Modified Bituminous Membrane Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-52-00 Modified Bituminous Membrane Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$10.96	\$0.00	\$0.00	\$10.96
102768	[Modifier] Stone Ballast	SF	\$0.47	\$0.91	\$0.00	\$1.38

07-53-00 Elastomeric Membrane Roofing

07-53-23 Ethylene-Propylene-Diene-Monomer Roofing

All membrane roofing includes the membrane, seaming, adhering and/or fastening systems appropriate to the use, including sealants, and color compatible membrane and/or metal edge and penetration flashing where system requires direct bond or fastening to the membrane.

102769	EPDM Roofing – Membrane Thickness = 60 Mils	SF	\$2.44	\$4.38	\$0.00	\$6.82
102770	EPDM Roofing – Membrane Thickness < 60 Mils	SF	\$2.44	\$3.72	\$0.00	\$6.16
102771	EPDM Roofing – Membrane Thickness > 60 Mils	SF	\$2.44	\$5.03	\$0.00	\$7.47
102772	[Modifier] Quantity Premium - Ethylene-Propylene-Diene-Mono mer Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-53-23 Ethylene-Propylene-Diene-Mono mer Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
102773	[Modifier] Quantity Premium - Ethylene-Propylene-Diene-Monomer Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-53-23 Ethylene-Propylene-Diene-Monomer Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102774	[Modifier] Quantity Premium - Ethylene-Propylene-Diene-Monomer Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-53-23 Ethylene-Propylene-Diene-Monomer Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$10.96	\$0.00	\$0.00	\$10.96
102775	[Modifier] Stone Ballast	SF	\$0.47	\$0.91	\$0.00	\$1.38

07-54-00 Thermoplastic Membrane Roofing

07-54-19 Polyvinyl-Chloride Roofing

All membrane roofing includes the membrane, seaming, adhering and/or fastening systems appropriate to the use, including sealants, and color compatible membrane and/or metal edge and penetration flashing where system requires direct bond or fastening to the membrane.

102776	PVC Roofing – Membrane Thickness = 60 Mils	SF	\$2.91	\$5.22	\$0.00	\$8.13
102777	PVC Roofing – Membrane Thickness < 60 Mils	SF	\$2.91	\$4.44	\$0.00	\$7.35
102778	PVC Roofing – Membrane Thickness > 60 Mils	SF	\$2.91	\$6.00	\$0.00	\$8.91
102779	[Modifier] Quantity Premium - Polyvinyl-Chloride Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-54-19 Polyvinyl-Chloride Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102780	[Modifier] Quantity Premium - Polyvinyl-Chloride Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-54-19 Polyvinyl-Chloride Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$5.49	\$0.00	\$0.00	\$5.49

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		Units	Labor	Material	Equipment	Total
102781	[Modifier] Quantity Premium - Polyvinyl-Chloride Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-54-19 Polyvinyl-Chloride Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$10.96	\$0.00	\$0.00	\$10.96
102782	[Modifier] Stone Ballast	SF	\$0.47	\$0.91	\$0.00	\$1.38
102783	[Modifier] Add Fleece Backing to PVC Roof Membrane	SF	\$0.00	\$6.00	\$0.00	\$6.00

07-54-23 Thermoplastic-Polyolefin Roofing

All membrane roofing includes the membrane, seaming, adhering and/or fastening systems appropriate to the use, including sealants, and color compatible membrane and/or metal edge and penetration flashing where system requires direct bond or fastening to the membrane.

102784	TPO Roofing – Membrane Thickness - 60 Mils	SF	\$3.25	\$3.43	\$0.00	\$6.68
102785	TPO Roofing – Membrane Thickness - 45 Mils	SF	\$3.25	\$3.05	\$0.00	\$6.30
102786	TPO Roofing – Membrane Thickness - 80 Mils	SF	\$3.25	\$4.60	\$0.00	\$7.85
102787	[Modifier] Quantity Premium - Thermoplastic-Polyolefin Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-54-23 Thermoplastic-Polyolefin Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102788	[Modifier] Quantity Premium - Thermoplastic-Polyolefin Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-54-23 Thermoplastic-Polyolefin Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$5.49	\$0.00	\$0.00	\$5.49
102789	[Modifier] Quantity Premium - Thermoplastic-Polyolefin Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-54-23 Thermoplastic-Polyolefin Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all membrane thicknesses.	SF	\$10.96	\$0.00	\$0.00	\$10.96
102790	[Modifier] Stone Ballast	SF	\$0.47	\$0.91	\$0.00	\$1.38

07-56-00 Fluid-Applied Roofing

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Units Labor Material Equipment Total
Includes roof preparation including, but not limited to cleaning, seam and flashing repair, sealing penetrations, and roof primer.
Recoating with a compatible elastomer, includes separations, flashing, sealing, cleanup, and warranty

07-56-00 Fluid-Applied Roofing

Includes roof preparation including, but not limited to cleaning, seam and flashing repair, sealing penetrations, and roof primer.
Recoating with a compatible elastomer, includes separations, flashing, sealing, cleanup, and warranty

102791	Fluid-Applied Roofing Primer Coat – Per Coat If required by contract documents	SF	\$1.37	\$0.43	\$0.00	\$1.80
102792	Fluid-Applied Roofing Foundation Coat – Per Coat Each coat includes, a foundation coat, fabric layer, and top coat	SF	\$3.66	\$4.24	\$0.00	\$7.90
102793	Fluid-Applied Roofing Finish Coat – Per Coat UV Coating	SF	\$1.37	\$0.52	\$0.00	\$1.89
102794	[Modifier] Quantity Premium - Fluid-Applied Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-56-00 Fluid-Applied Roofing are within stated quantity. Can be applied cumulatively to applicable line items	SF	\$2.20	\$0.00	\$0.00	\$2.20
102795	[Modifier] Quantity Premium - Fluid-Applied Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-56-00 Fluid-Applied Roofing are within stated quantity. Can be applied cumulatively to applicable line items	SF	\$5.49	\$0.00	\$0.00	\$5.49
102796	[Modifier] Quantity Premium - Fluid-Applied Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-56-00 Fluid-Applied Roofing are within stated quantity. Can be applied cumulatively to applicable line items	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-60-00 Flashing and Sheet Metal

07-61-00 Sheet Metal Roofing

All steel panels to be galvalume with manufacturers standard paint color and finish. Systems include metal panel, fasteners, and trim
(ridge/hips, valleys, rakes, eaves, etc.)

07-61-13 Standing Seam Sheet Metal Roofing

All steel panels to be galvalume with manufacturers standard paint color and finish. Standing seam system items/assemblies include
metal panels, lock strips, clips, fasteners, flashings, and trim including but not limited to drip edge, z-bars, ridges, hips, valleys, rakes,
eaves, etc.

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		Units	Labor	Material	Equipment	Total
102797	Steel Standing Seam Roof System – 26 Gauge Galvalume, Painted Finish, 18" Wide Snap Lock Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$4.96	\$7.56	\$0.00	\$12.52
102798	Steel Standing Seam Roof System – 26 Gauge Galvalume, Painted Finish, 18" Wide Snap Lock Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.13	\$7.56	\$0.00	\$14.69
102799	Steel Standing Seam Roof System – 26 Gauge Galvalume, Painted Finish, 18" Wide Mechanical Single Lock Seam Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$5.36	\$7.56	\$0.00	\$12.92
102800	Steel Standing Seam Roof System – 26 Gauge Galvalume, Painted Finish, 18" Wide Mechanical Single Lock Seam Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.73	\$7.56	\$0.00	\$15.29
102801	Steel Standing Seam Roof System – 26 Gauge Galvalume, Painted Finish, 18" Wide Mechanical Double Lock Seam Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$6.44	\$7.56	\$0.00	\$14.00
102802	Steel Standing Seam Roof System – 26 Gauge Galvalume, Painted Finish, 18" Wide Mechanical Double Lock Seam Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$9.27	\$7.56	\$0.00	\$16.83
102803	[Modifier] Steel Standing Seam Roof System – Add for PVDF Finish In-Lieu-Of Painted Finish Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$0.00	\$2.35	\$0.00	\$2.35

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		Units	Labor	Material	Equipment	Total
102804	[Modifier] Steel Standing Seam Roof System – Add for 16" Wide Panels In-Lieu-Of 18" Wide Panels Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$1.38	\$0.00	\$0.00	\$1.38
102805	[Modifier] Steel Standing Seam Roof System – Add for 24 Gauge Panels In-Lieu-Of 26 Gauge Panels Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$1.04	\$1.51	\$0.00	\$2.55
102806	[Modifier] Steel Standing Seam Roof System – Add for 22 Gauge Panels In-Lieu-Of 26 Gauge Panels Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$1.36	\$3.33	\$0.00	\$4.69
102807	Copper Standing Seam Roof System – 26 Gauge, 18" Wide Snap Lock Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$4.96	\$13.59	\$0.00	\$18.55
102808	Copper Standing Seam Roof System – 26 Gauge, 18" Wide Snap Lock Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.13	\$13.59	\$0.00	\$20.72
102809	Copper Standing Seam Roof System – 26 Gauge, 18" Wide Mechanical Single Lock Seam Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$5.36	\$13.59	\$0.00	\$18.95
102810	Copper Standing Seam Roof System – 26 Gauge, 18" Wide Mechanical Single Lock Seam Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$7.73	\$13.59	\$0.00	\$21.32
102811	Copper Standing Seam Roof System – 26 Gauge, 18" Wide Mechanical Double Lock Seam Panels (Roof Pitch of 6/12 or Less) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$6.44	\$13.59	\$0.00	\$20.03

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		Units	Labor	Material	Equipment	Total
102812	Copper Standing Seam Roof System – 26 Gauge, 18" Wide Mechanical Double Lock Seam Panels (Roof Pitch Greater Than 6/12) Includes metal panel, fasteners, and trim (ridge/hips, valleys, rakes, eaves, etc.)	SF	\$9.27	\$13.59	\$0.00	\$22.86
102813	[Modifier] Copper Standing Seam Roof System – Add for 16" Wide Panels In-Lieu-Of 18" Wide Panels Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$1.38	\$0.00	\$0.00	\$1.38
102814	[Modifier] Copper Standing Seam Roof System – Add for 24 Gauge Panels In-Lieu-Of 26 Gauge Panels Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$1.04	\$3.02	\$0.00	\$4.06
102815	[Modifier] Copper Standing Seam Roof System – Add for 22 Gauge Panels In-Lieu-Of 26 Gauge Panels Can be applied cumulatively to Steel Standing Seam Roof System items.	SF	\$1.36	\$5.52	\$0.00	\$6.88
102816	[Modifier] Quantity Premium - Sheet Metal Roofing (101-500 SF) Quantity premium can be used when total square footage in section 07-61-13 Sheet Metal Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all material types and installation applications.	SF	\$2.20	\$0.00	\$0.00	\$2.20
102817	[Modifier] Quantity Premium - Sheet Metal Roofing (51-100 SF) Quantity premium can be used when total square footage in section 07-61-13 Sheet Metal Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all material types and installation applications.	SF	\$5.49	\$0.00	\$0.00	\$5.49

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		Units	Labor	Material	Equipment	Total
102818	[Modifier] Quantity Premium - Sheet Metal Roofing (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-61-13 Sheet Metal Roofing are within stated quantities. Can be applied cumulatively to base line items. Applies to all material types and installation applications.	SF	\$10.96	\$0.00	\$0.00	\$10.96

07-62-00 Sheet Metal Flashing and Trim

Shop or field formed to profiles indicated with all fasteners, sealants and splicing to provide watertight assembly

07-62-00 Sheet Metal Flashing and Trim

Shop or field formed to profiles indicated with all fasteners, sealants and splicing to provide watertight assembly

102819	Copper Flashing, Up To 16 Oz	SFCA	\$8.02	\$9.74	\$0.00	\$17.76
102820	Copper Flashing, Up To 20 Oz	SFCA	\$8.02	\$10.18	\$0.00	\$18.20
102821	Aluminum Flashing, Up To .032"	SFCA	\$5.92	\$7.46	\$0.00	\$13.38
102822	Aluminum Flashing, Up To .040"	SFCA	\$5.92	\$7.77	\$0.00	\$13.69
102823	Galvalume Steel Flashing, Up To 24 Ga	SFCA	\$5.92	\$7.06	\$0.00	\$12.98
102824	Galvalume Steel Flashing, Up To 22 Ga	SFCA	\$5.92	\$7.37	\$0.00	\$13.29
102825	Stainless Steel Flashing, Up To 24 Ga	SFCA	\$5.92	\$10.07	\$0.00	\$15.99
102826	Stainless Steel Flashing, Up To 22 Ga	SFCA	\$5.92	\$10.50	\$0.00	\$16.42

07-65-00 Flexible Flashing

60 mils, unless otherwise noted

07-65-00 Flexible Flashing

60 mils, unless otherwise noted

102827	Rubber Sheet Flashing	SFCA	\$5.47	\$3.38	\$0.00	\$8.85
102828	Modified Bituminous Sheet Flashing	SFCA	\$5.47	\$4.24	\$0.00	\$9.71
102829	Self Adhering Sheet Flashing	SFCA	\$5.47	\$5.83	\$0.00	\$11.30

07-70-00 Roof and Wall Specialties and Accessories

07-71-00 Roof Specialties

Shop or field formed to profiles indicated with all fasteners, sealants and splicing to provide watertight assembly. Includes factory PVFD or equal coating unless noted otherwise

07-71-00 Roof Specialties

Shop or field formed to profiles indicated with all fasteners, sealants and splicing to provide watertight assembly. Includes factory PVFD or equal coating unless noted otherwise

102830	Metal Coping – Galvanized Steel, Up To 24 Ga	SFCA	\$6.18	\$7.58	\$0.00	\$13.76
102831	Metal Coping – Galvanized Steel, Up To 22 Ga	SFCA	\$6.18	\$7.96	\$0.00	\$14.14
102832	Metal Coping – Galvanized Steel, Up To 24 Ga – Unfinished	SFCA	\$6.18	\$6.06	\$0.00	\$12.24
102833	Metal Coping – Galvanized Steel, Up To 22 Ga – Unfinished	SFCA	\$6.18	\$6.36	\$0.00	\$12.54
102834	Aluminum Coping / Facia, Up To .032"	SFCA	\$6.18	\$8.74	\$0.00	\$14.92
102835	Aluminum Coping / Facia, Up To .040"	SFCA	\$6.18	\$9.18	\$0.00	\$15.36
102836	Aluminum Coping / Facia, Up To .032" – Unfinished	SFCA	\$6.18	\$7.00	\$0.00	\$13.18
102837	Aluminum Coping / Facia, Up To .040" – Unfinished	SFCA	\$6.18	\$7.35	\$0.00	\$13.53

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		Units	Labor	Material	Equipment	Total
102838	Etch, Prime, and Paint Coping	SFCA	\$1.60	\$0.27	\$0.00	\$1.87
102839	Reglet	LF	\$12.35	\$13.99	\$0.00	\$26.34
102840	Galvanized Gutter Up To 4"	LF	\$6.01	\$3.55	\$0.00	\$9.56
102841	Galvanized Gutter Up To 6"	LF	\$6.01	\$4.79	\$0.00	\$10.80
102842	Galvanized Gutter Up To 4" – Unfinished	LF	\$6.01	\$2.84	\$0.00	\$8.85
102843	Galvanized Gutter Up To 6" – Unfinished	LF	\$6.01	\$3.83	\$0.00	\$9.84
102844	Galvanized Downspouts Up To 4" - Finished	LF	\$6.01	\$3.55	\$0.00	\$9.56
102845	Galvanized Downspouts Up To 6" - Finished	LF	\$6.01	\$4.79	\$0.00	\$10.80
102846	Galvanized Downspouts Up To 4" – Unfinished	LF	\$6.01	\$2.84	\$0.00	\$8.85
102847	Galvanized Downspouts Up To 6" – Unfinished	LF	\$6.01	\$3.83	\$0.00	\$9.84
102848	Galvanized Conductor Head Up To 4"	EA	\$68.51	\$59.94	\$0.00	\$128.45
102849	Galvanized Conductor Head Up To 6"	EA	\$68.51	\$64.56	\$0.00	\$133.07
102850	Galvanized Conductor Head Up To 4" – Unfinished	EA	\$68.51	\$47.96	\$0.00	\$116.47
102851	Galvanized Conductor Head Up To 6" – Unfinished	EA	\$68.51	\$51.65	\$0.00	\$120.16
102852	Aluminum Gutter Up To 4"	LF	\$6.01	\$4.08	\$0.00	\$10.09
102853	Aluminum Gutter Up To 6"	LF	\$6.01	\$5.51	\$0.00	\$11.52
102854	Aluminum Gutter Up To 4" – Unfinished	LF	\$6.01	\$3.27	\$0.00	\$9.28
102855	Aluminum Gutter Up To 6" – Unfinished	LF	\$6.01	\$4.41	\$0.00	\$10.42
102856	Aluminum Downspouts Up To 4" - Finished	LF	\$6.01	\$4.08	\$0.00	\$10.09
102857	Aluminum Downspouts Up To 6" - Finished	LF	\$6.01	\$5.51	\$0.00	\$11.52
102858	Aluminum Downspouts Up To 4" – Unfinished	LF	\$6.01	\$3.27	\$0.00	\$9.28
102859	Aluminum Downspouts Up To 6" – Unfinished	LF	\$6.01	\$4.41	\$0.00	\$10.42
102860	Aluminum Conductor Head Up To 4"	EA	\$68.51	\$68.90	\$0.00	\$137.41
102861	Aluminum Conductor Head Up To 6"	EA	\$68.51	\$74.20	\$0.00	\$142.71
102862	Aluminum Conductor Head Up To 4" – Unfinished	EA	\$68.51	\$55.12	\$0.00	\$123.63
102863	Aluminum Conductor Head Up To 6" – Unfinished	EA	\$68.51	\$59.37	\$0.00	\$127.88
102864	Copper Gutter – Integral Up To 20 oz	LF	\$92.91	\$106.00	\$0.00	\$198.91
102865	Copper Gutter – Surface Mounted Up To 20 oz	LF	\$23.23	\$15.90	\$0.00	\$39.13
102866	Copper Downspouts Up To 20 oz	LF	\$23.23	\$15.90	\$0.00	\$39.13
102867	Copper Conductor Head Up To 20 oz	EA	\$91.34	\$159.01	\$0.00	\$250.35
102868	Etch, Prime, and Paint Gutter / Downspouts Up To 4"	LF	\$2.74	\$0.27	\$0.00	\$3.01
102869	Etch, Prime, and Paint Gutter / Downspouts Up To 6"	LF	\$3.13	\$0.35	\$0.00	\$3.48
102870	Etch, Prime, and Paint Conductor Head Up To 4"	EA	\$30.45	\$5.30	\$0.00	\$35.75

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		Units	Labor	Material	Equipment	Total
102871	Etch, Prime, and Paint Conductor Head Up To 6"	EA	\$34.26	\$5.30	\$0.00	\$39.56
102872	Gravel Stop	LF	\$8.82	\$10.50	\$0.00	\$19.32
102873	Scuppers Up To 6" x 8"	EA	\$182.69	\$185.50	\$0.00	\$368.19
102874	Scuppers Greater Than 6" x 8"	EA	\$274.03	\$212.00	\$0.00	\$486.03
102875	Gutter Leaf Guards	LF	\$0.86	\$28.04	\$0.00	\$28.90
102876	Rooftop Pipe Support B-Line Dura-Blok #DB20 or equal	EA	\$87.11	\$168.94	\$0.00	\$256.05

07-72-00 Roof Accessories

Includes all fasteners, flashing, sealants and splicing to provide watertight assembly. Includes factory PVFD or equal coating unless noted otherwise

07-72-00 Roof Accessories

Includes all fasteners, flashing, sealants and splicing to provide watertight assembly. Includes factory PVFD or equal coating unless noted otherwise

102877	Smoke Vent Galvanized Up To 48" x 48" Bilco automatic smoke vent or equal	EA	\$548.06	\$2,609.88	\$0.00	\$3,157.94
102878	Smoke Vent Galvanized Up To 48" x 72" Bilco automatic smoke vent or equal	EA	\$548.06	\$2,776.88	\$0.00	\$3,324.94
102879	Smoke Vent Galvanized Up To 48" x 96" Bilco automatic smoke vent or equal	EA	\$548.06	\$3,230.35	\$0.00	\$3,778.41
102880	Smoke Vent Galvanized Greater Than 48" x 96" (By SF) Bilco automatic smoke vent or equal	SF	\$17.12	\$100.95	\$0.00	\$118.07
102881	Smoke Vent Aluminum Up To 48" x 48" Bilco automatic smoke vent or equal	EA	\$548.06	\$2,870.87	\$0.00	\$3,418.93
102882	Smoke Vent Aluminum Up To 48" x 72" Bilco automatic smoke vent or equal	EA	\$548.06	\$3,054.57	\$0.00	\$3,602.63
102883	Smoke Vent Aluminum Up To 48" x 96" Bilco automatic smoke vent or equal	EA	\$548.06	\$3,553.38	\$0.00	\$4,101.44
102884	Smoke Vent Aluminum Greater Than 48" x 96" (By SF) Bilco automatic smoke vent or equal	SF	\$17.12	\$111.04	\$0.00	\$128.16
102885	Smoke Vent Translucent Up To 48" x 48" Bilco Daylighting smoke vent or equal	EA	\$548.06	\$2,790.29	\$0.00	\$3,338.35
102886	Smoke Vent Translucent Up To 48" x 72" Bilco Daylighting smoke vent or equal	EA	\$548.06	\$3,503.88	\$0.00	\$4,051.94
102887	Smoke Vent Translucent Up To 48" x 96" Bilco Daylighting smoke vent or equal	EA	\$548.06	\$3,681.38	\$0.00	\$4,229.44

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		Units	Labor	Material	Equipment	Total
102888	Smoke Vent Translucent Greater Than 48" x 96" (By SF) Bilco Daylighting smoke vent or equal	SF	\$17.12	\$115.05	\$0.00	\$132.17
102889	Roof Hatch Galvanized Up To 48" x 48" Bilco roof hatch or equal	EA	\$548.06	\$2,231.45	\$0.00	\$2,779.51
102890	Roof Hatch Galvanized Up To 48" x 72" Bilco roof hatch or equal	EA	\$548.06	\$2,374.23	\$0.00	\$2,922.29
102891	Roof Hatch Galvanized Up To 48" x 96" Bilco roof hatch or equal	EA	\$548.06	\$2,761.95	\$0.00	\$3,310.01
102892	Roof Hatch Galvanized Greater Than 48" x 96" (By SF) Bilco roof hatch or equal	SF	\$17.12	\$86.31	\$0.00	\$103.43
102893	Roof Hatch Aluminum Up To 48" x 48" Bilco roof hatch or equal	EA	\$548.06	\$2,454.59	\$0.00	\$3,002.65
102894	Roof Hatch Aluminum Up To 48" x 72" Bilco roof hatch or equal	EA	\$548.06	\$2,611.66	\$0.00	\$3,159.72
102895	Roof Hatch Aluminum Up To 48" x 96" Bilco roof hatch or equal	EA	\$548.06	\$3,038.14	\$0.00	\$3,586.20
102896	Roof Hatch Aluminum Greater Than 48" x 96" (By SF) Bilco roof hatch or equal	SF	\$17.12	\$94.94	\$0.00	\$112.06
102897	Smoke Vent / Roof Hatch Safety Rail System Bilco Rail System RL2-S or equal	LF	\$22.84	\$168.54	\$0.00	\$191.38
102898	Safety Tie-Off Anchor	EA	\$109.61	\$212.00	\$0.00	\$321.61
102899	Roof Walkway Pads Rubber walkway pads	SF	\$2.74	\$5.30	\$0.00	\$8.04
102900	Ember Resistant Vents Up To 2" Wide Vulcan Vent or equal	LF	\$1.98	\$17.71	\$0.00	\$19.69
102901	Ember Resistant Vents Up To 4" Wide Vulcan Vent or equal	LF	\$1.98	\$19.37	\$0.00	\$21.35
102902	Ember Resistant Vents Up To 6" Wide Vulcan Vent or equal	LF	\$1.98	\$21.19	\$0.00	\$23.17
07-72-13 Manufactured Curbs						
102903	4"-8" Pipe Diameter Prefabricated EPDM Pitch Pocket Pipe Boot	EA	\$13.59	\$47.81	\$0.25	\$61.65
07-72-53 Snow Guards						
102904	Snow Guard Pad - Clamp Style, Aluminum For use on standing seam metal roofing, 6 1/8"L x 3 9/32"W, based on 4/12 pitch, staggered spacing, starting 12" from eave edge	EA	\$8.35	\$17.05	\$0.00	\$25.40

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		Units	Labor	Material	Equipment	Total
102905	Snow Guard Half Round Pad - Mechanically Fastened, Aluminum For use with cedar, asphalt, slate and tile roofing, 2 3/8" x 2 3/8"W x 15 5/8"L, based on 4/12 pitch, staggered spacing, starting 12" from eave edge	EA	\$5.96	\$7.91	\$0.00	\$13.87
102906	Snow Guard Pad - Mechanically Fastened, Aluminum For use on metal roofing, 2 3/8" x 2 3/8"W x 3 7/16"L, based on 4/12 pitch, staggered spacing, starting 12" from eave edge	EA	\$5.96	\$6.69	\$0.00	\$12.65
102907	Snow Guard - 2 Pipe Assembly, Aluminum Includes clamps @ 2' oc, pipe, collars and couplings, based on 4/12 pitch, starting 12" from eave edge	LF	\$12.51	\$24.37	\$0.00	\$36.88
102908	Snow Guard - 1 Pipe Assembly, Aluminum Includes clamps @ 2' oc, pipe, collars and couplings, based on 4/12 pitch, starting 12" from eave edge	LF	\$10.73	\$22.36	\$0.00	\$33.09

07-76-00 Roof Pavers

Pre-fabricated pavers installed, with edge profiles to suit conditions, pedestal or direct laid. Ballast applications to meet wind load resistance requirements

07-76-00 Roof Pavers

Pre-fabricated pavers installed, with edge profiles to suit conditions, pedestal or direct laid. Ballast applications to meet wind load resistance requirements

102909	Precast Roof Paver – Ballast	SF	\$7.45	\$9.28	\$0.00	\$16.73
102910	Precast Roof Paver On Pedestals Decorative textures and colors for pedestrian traffic	SF	\$11.79	\$25.96	\$0.00	\$37.75

07-80-00 Fire and Smoke Protection

07-81-00 Applied Fire Protection

07-81-16 Cementitious Fire Protection

Pricing based on SFCA – Square foot contact area. 40 PCF minimum

102911	Spray Fireproof Structural Steel – Per Inch	SFCA	\$1.56	\$0.73	\$0.00	\$2.29
102912	Spray Fireproof Steel Joist – Per Inch	SFCA	\$2.01	\$0.73	\$0.00	\$2.74
102913	Spray Fireproof Metal Deck – Per Inch	SFCA	\$0.80	\$0.73	\$0.00	\$1.53
102914	[Modifier] Quantity Premium - Cementitious Fire Protection (101-500 SF) Quantity premium can be used when total square footage in section 07-81-16 Cementitious Fireproofing are within stated quantities. Can be applied cumulatively to base line items.	SFCA	\$2.42	\$0.00	\$0.00	\$2.42

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		Units	Labor	Material	Equipment	Total
102915	[Modifier] Quantity Premium - Cementitious Fire Protection (51-100 SF) Quantity premium can be used when total square footage in section 07-81-16 Cementitious Fireproofing are within stated quantities. Can be applied cumulatively to base line items.	SFCA	\$6.04	\$0.00	\$0.00	\$6.04
102916	[Modifier] Quantity Premium - Cementitious Fire Protection (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-81-16 Cementitious Fireproofing are within stated quantities. Can be applied cumulatively to base line items.	SFCA	\$12.08	\$0.00	\$0.00	\$12.08
07-81-23 Intumescent Fire Protection						
<i>Pricing based on SFCA – Square foot contact area</i>						
102917	Troweled Intumescent Fireproofing – 1Hr	SFCA	\$16.46	\$7.36	\$0.00	\$23.82
102918	Spray Intumescent Fireproofing – 1Hr	SFCA	\$2.23	\$6.51	\$0.00	\$8.74
102919	Spray Intumescent Fireproofing – 2Hr	SFCA	\$4.45	\$8.78	\$0.00	\$13.23
102920	Spray Intumescent Fireproofing – 3Hr	SFCA	\$6.68	\$9.98	\$0.00	\$16.66
102921	[Modifier] Quantity Premium - Intumescent Fire Protection (101-500 SF) Quantity premium can be used when total square footage in section 07-81-23 Intumescent Fireproofing are within stated quantities. Can be applied cumulatively to base line items.	SFCA	\$2.10	\$0.00	\$0.00	\$2.10
102922	[Modifier] Quantity Premium - Intumescent Fire Protection (51-100 SF) Quantity premium can be used when total square footage in section 07-81-23 Intumescent Fireproofing are within stated quantities. Can be applied cumulatively to base line items.	SFCA	\$5.27	\$0.00	\$0.00	\$5.27
102923	[Modifier] Quantity Premium - Intumescent Fire Protection (< or = to 50 SF) Quantity premium can be used when total square footage in section 07-81-23 Intumescent Fireproofing are within stated quantities. Can be applied cumulatively to base line items.	SFCA	\$10.53	\$0.00	\$0.00	\$10.53

07-84-00 Firestopping

07-84-00 Firestopping

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		Units	Labor	Material	Equipment	Total
102924	Fire-Safing For use at slab edge where condition occurs	LF	\$6.99	\$11.25	\$0.00	\$18.24
102925	3M Fire Barrier Putty Red, Intumescent, 0.27 pound bar	EA	\$24.59	\$8.37	\$0.00	\$32.96

07-90-00 Joint Protection

07-92-00 Joint Sealants

Only for use where sealants are not already included in assembled systems

07-92-00 Joint Sealants

Only for use where sealants are not already included in assembled systems

102926	Interior Caulking Acrylic and siliconized acrylic	LF	\$0.76	\$0.40	\$0.00	\$1.16
102927	Exterior Caulking Polyurethane or silicone. Color matched to substrate	LF	\$0.91	\$0.48	\$0.00	\$1.39
102928	Backer Rod at Caulking Joint	LF	\$0.53	\$0.26	\$0.00	\$0.79
102929	Remove Existing Caulk Joint, Seal and Replace with New Caulk Joints at Existing Stone / Masonry Caps & Steps Includes 1/2" x 1/2" by various lengths (large facility)	LF	\$6.29	\$2.26	\$0.00	\$8.55

07-95-00 Expansion Control

Includes all system components for installation per manufacturers recommendations

07-95-00 Expansion Control

Includes all system components for installation per manufacturers recommendations

102930	Expansion Joints - Interior Walls / Ceilings – Frameless Compression Seals, Up To 6" Joints, Non-Traffic Includes joint preparation	LF	\$18.73	\$31.80	\$0.00	\$50.53
102931	Expansion Joints - Interior Walls / Ceilings – Interior Framed With Resilient Sheet Filler, Up To 12" Joints, Non-Traffic Includes joint preparation	LF	\$18.73	\$42.40	\$0.00	\$61.13
102932	Expansion Joints - Exterior Walls – Frameless Compression Seals With Silicone Face, Up To 6" Joints, Non-Traffic Includes joint preparation	LF	\$18.73	\$63.60	\$0.00	\$82.33
102933	Expansion Joints - Exterior Walls – Single Direction Sliding Aluminum Plate, Anodized, Joints Up To 15", Traffic Bearing Includes joint preparation	LF	\$18.73	\$79.50	\$0.00	\$98.23
102934	Expansion Joints - Floors – Elastomeric Seals With Edge Retainer, Up To 6" Joints, Traffic Bearing Includes joint preparation	LF	\$18.73	\$74.20	\$0.00	\$92.93
102935	Expansion Joints - Floors – Cover Plate With Edge Retainer, Up To 15" Joints, Traffic Bearing Includes joint preparation	LF	\$18.73	\$95.40	\$0.00	\$114.13

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		Units	Labor	Material	Equipment	Total
102936	Expansion Joints - Roofs – Neoprene Half Round Bellows Type With Integral Flanges, Up To 12" Widths, Non-Traffic Includes joint preparation	LF	\$18.73	\$127.20	\$0.00	\$145.93
102937	Expansion Joints - Roofs – Framed With Raised Curb, Three Way Sliding Plate Or Cover, All Aluminum With Internal Weather Secondary Seal, Up To 15" Width, Non Traffic Includes joint preparation	LF	\$18.73	\$159.01	\$0.00	\$177.74
102938	Expansion Joints - Parking Decks – Recessed Sub-Frame With Solid Or Cellular Neoprene Rubber Seal, For Joints Up To 12", Traffic Bearing Includes joint preparation	LF	\$18.73	\$106.00	\$0.00	\$124.73
102939	Expansion Joints - Parking Decks – Framed, Cast In Place, With Solid Traffic Bearing Cover Plate, With Internal 2-Way Movement, Joints Up To 18", Heavy Duty Traffic Bearing Includes joint preparation	LF	\$18.73	\$159.01	\$0.00	\$177.74

08-00-00 Openings

08-10-00 Doors and Frames

All Doors are prepped for hinges, locksets and closer. All Frames are prepped for hinges, strike and closer, with rabbeted profile

08-11-00 Metal Doors and Frames

08-11-66 Metal Screen Doors and Frames

Extruded or Stamped frames and styles. Manual opening, entry or exit rating, heavy duty Grade 1 or equal. Includes sliding screen insert, continuous hinge, door closer, latch and lockset in a 626 finish or equal. Includes manufactures standard clear anodized or powder coated finish

102940	Aluminum Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$174.43	\$794.37	\$0.00	\$968.80
102941	Aluminum Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$174.43	\$873.19	\$0.00	\$1,047.62
102942	Aluminum Entrance Storm Door and Frame, Single, Narrow Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$174.43	\$960.51	\$0.00	\$1,134.94
102943	Aluminum Entrance Storm Door and Frame, Double, Narrow Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$232.58	\$1,290.47	\$0.00	\$1,523.05
102944	Aluminum Entrance Storm Door and Frame, Double, Narrow Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$232.58	\$1,419.53	\$0.00	\$1,652.11
102945	Aluminum Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$174.43	\$754.66	\$0.00	\$929.09
102946	Aluminum Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$174.43	\$829.54	\$0.00	\$1,003.97
102947	Aluminum Entrance Storm Door and Frame, Single, Medium Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$174.43	\$912.49	\$0.00	\$1,086.92

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		Units	Labor	Material	Equipment	Total
102948	Aluminum Entrance Storm Door and Frame, Double, Medium Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$232.58	\$1,225.95	\$0.00	\$1,458.53
102949	Aluminum Entrance Storm Door and Frame, Double, Medium Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$232.58	\$1,348.54	\$0.00	\$1,581.12
102950	Aluminum Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$174.43	\$716.93	\$0.00	\$891.36
102951	Aluminum Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$174.43	\$788.06	\$0.00	\$962.49
102952	Aluminum Entrance Storm Door and Frame, Single, Wide Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$174.43	\$866.87	\$0.00	\$1,041.30
102953	Aluminum Entrance Storm Door and Frame, Double, Wide Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$232.58	\$1,164.66	\$0.00	\$1,397.24
102954	Aluminum Entrance Storm Door and Frame, Double, Wide Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$232.58	\$1,281.12	\$0.00	\$1,513.70
102955	Aluminum Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$174.43	\$353.06	\$0.00	\$527.49
102956	Aluminum Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$174.43	\$388.09	\$0.00	\$562.52
102957	Aluminum Entrance Storm Door and Frame, Single, Narrow Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$174.43	\$426.89	\$0.00	\$601.32
102958	Aluminum Entrance Storm Door and Frame, Double, Narrow Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$232.58	\$573.54	\$0.00	\$806.12
102959	Aluminum Entrance Storm Door and Frame, Double, Narrow Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$232.58	\$630.89	\$0.00	\$863.47
102960	Aluminum Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$174.43	\$335.41	\$0.00	\$509.84
102961	Aluminum Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$174.43	\$368.69	\$0.00	\$543.12
102962	Aluminum Entrance Storm Door and Frame, Single, Medium Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$174.43	\$405.55	\$0.00	\$579.98
102963	Aluminum Entrance Storm Door and Frame, Double, Medium Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$232.58	\$544.87	\$0.00	\$777.45
102964	Aluminum Entrance Storm Door and Frame, Double, Medium Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$232.58	\$599.36	\$0.00	\$831.94
102965	Aluminum Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$174.43	\$318.63	\$0.00	\$493.06

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		Units	Labor	Material	Equipment	Total
102966	Aluminum Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$174.43	\$350.24	\$0.00	\$524.67
102967	Aluminum Entrance Storm Door and Frame, Single, Wide Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$174.43	\$385.28	\$0.00	\$559.71
102968	Aluminum Entrance Storm Door and Frame, Double, Wide Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$232.58	\$517.62	\$0.00	\$750.20
102969	Aluminum Entrance Storm Door and Frame, Double, Wide Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$232.58	\$569.38	\$0.00	\$801.96
102970	Aluminum Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$139.55	\$397.19	\$0.00	\$536.74
102971	Aluminum Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$139.55	\$436.60	\$0.00	\$576.15
102972	Aluminum Entrance Screen Door and Frame, Single, Narrow Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$139.55	\$480.26	\$0.00	\$619.81
102973	Aluminum Entrance Screen Door and Frame, Double, Narrow Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$174.43	\$645.24	\$0.00	\$819.67
102974	Aluminum Entrance Screen Door and Frame, Double, Narrow Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$174.43	\$709.76	\$0.00	\$884.19
102975	Aluminum Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$139.55	\$377.33	\$0.00	\$516.88
102976	Aluminum Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$139.55	\$414.76	\$0.00	\$554.31
102977	Aluminum Entrance Screen Door and Frame, Single, Medium Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$139.55	\$456.25	\$0.00	\$595.80
102978	Aluminum Entrance Screen Door and Frame, Double, Medium Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$174.43	\$612.97	\$0.00	\$787.40
102979	Aluminum Entrance Screen Door and Frame, Double, Medium Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$174.43	\$674.28	\$0.00	\$848.71
102980	Aluminum Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$139.55	\$358.46	\$0.00	\$498.01
102981	Aluminum Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$139.55	\$394.03	\$0.00	\$533.58
102982	Aluminum Entrance Screen Door and Frame, Single, Wide Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$139.55	\$433.43	\$0.00	\$572.98
102983	Aluminum Entrance Screen Door and Frame, Double, Wide Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$174.43	\$582.33	\$0.00	\$756.76
102984	Aluminum Entrance Screen Door and Frame, Double, Wide Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$174.43	\$640.56	\$0.00	\$814.99

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		Units	Labor	Material	Equipment	Total
102985	Aluminum Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$139.55	\$176.52	\$0.00	\$316.07
102986	Aluminum Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$139.55	\$194.04	\$0.00	\$333.59
102987	Aluminum Entrance Screen Door and Frame, Single, Narrow Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$139.55	\$213.45	\$0.00	\$353.00
102988	Aluminum Entrance Screen Door and Frame, Double, Narrow Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$174.43	\$286.77	\$0.00	\$461.20
102989	Aluminum Entrance Screen Door and Frame, Double, Narrow Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$174.43	\$315.45	\$0.00	\$489.88
102990	Aluminum Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$139.55	\$167.70	\$0.00	\$307.25
102991	Aluminum Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$139.55	\$184.34	\$0.00	\$323.89
102992	Aluminum Entrance Screen Door and Frame, Single, Medium Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$139.55	\$202.78	\$0.00	\$342.33
102993	Aluminum Entrance Screen Door and Frame, Double, Medium Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$174.43	\$272.43	\$0.00	\$446.86
102994	Aluminum Entrance Screen Door and Frame, Double, Medium Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$174.43	\$299.68	\$0.00	\$474.11
102995	Aluminum Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$139.55	\$159.31	\$0.00	\$298.86
102996	Aluminum Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$139.55	\$175.12	\$0.00	\$314.67
102997	Aluminum Entrance Screen Door and Frame, Single, Wide Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$139.55	\$192.64	\$0.00	\$332.19
102998	Aluminum Entrance Screen Door and Frame, Double, Wide Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$174.43	\$258.82	\$0.00	\$433.25
102999	Aluminum Entrance Screen Door and Frame, Double, Wide Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$174.43	\$284.70	\$0.00	\$459.13

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		Units	Labor	Material	Equipment	Total
103000	[Modifier] Panic Device Operational portion of all panic devices to cover half the width of specified door, minimum. Chassis may be longer. Medium stile unless otherwise noted. Fire rating of exit devices by UL or testing agency acceptable to AHJ. All devices are Grade 1 unless otherwise noted. Touch or crash bars finished in satin stainless steel with chassis in satin aluminum, or plated brass/bronze as standard with manufacturer. Touch Bar or Crash Bar	EA	\$73.70	\$265.00	\$0.00	\$338.70

08-12-00 Metal Frames

08-12-13 Hollow Metal Frames

Hollow metal frames for doors and lites, prepped for hinges, strike and closer, with rabbeted profile. All frames are welded unless noted otherwise and fire rated up to 90 minutes.

103001	Hollow Metal Frame Up To 2' X 6'8" : 4" Throat	EA	\$133.42	\$194.26	\$0.00	\$327.68
103002	Hollow Metal Frame Up To 2'6" X 6'8" : 4" Throat	EA	\$133.42	\$204.49	\$0.00	\$337.91
103003	Hollow Metal Frame Up To 3' X 6'8" : 4" Throat	EA	\$133.42	\$215.25	\$0.00	\$348.67
103004	Hollow Metal Frame Up To 3'6" X 6'8" : 4" Throat	EA	\$133.42	\$222.42	\$0.00	\$355.84
103005	Hollow Metal Frame Up To 4' X 6'8" : 4" Throat	EA	\$163.53	\$236.77	\$0.00	\$400.30
103006	Hollow Metal Frame Up To 5' X 6'8" : 4" Throat	EA	\$163.53	\$243.95	\$0.00	\$407.48
103007	Hollow Metal Frame Up To 6' X 6'8" : 4" Throat	EA	\$163.53	\$251.11	\$0.00	\$414.64
103008	Hollow Metal Frame Up To 7' X 6'8" : 4" Throat	EA	\$163.53	\$265.47	\$0.00	\$429.00
103009	Hollow Metal Frame Up To 2' X 6'8" : 6" Throat	EA	\$133.42	\$204.49	\$0.00	\$337.91
103010	Hollow Metal Frame Up To 2'6" X 6'8" : 6" Throat	EA	\$133.42	\$215.25	\$0.00	\$348.67
103011	Hollow Metal Frame Up To 3' X 6'8" : 6" Throat	EA	\$133.42	\$226.58	\$0.00	\$360.00
103012	Hollow Metal Frame Up To 3'6" X 6'8" : 6" Throat	EA	\$133.42	\$234.12	\$0.00	\$367.54
103013	Hollow Metal Frame Up To 4' X 6'8" : 6" Throat	EA	\$163.53	\$249.24	\$0.00	\$412.77
103014	Hollow Metal Frame Up To 5' X 6'8" : 6" Throat	EA	\$163.53	\$256.78	\$0.00	\$420.31
103015	Hollow Metal Frame Up To 6' X 6'8" : 6" Throat	EA	\$163.53	\$264.34	\$0.00	\$427.87
103016	Hollow Metal Frame Up To 7' X 6'8" : 6" Throat	EA	\$163.53	\$279.44	\$0.00	\$442.97
103017	Hollow Metal Frame Up To 2' X 6'8" : 8" Throat	EA	\$133.42	\$214.12	\$0.00	\$347.54
103018	Hollow Metal Frame Up To 2'6" X 6'8" : 8" Throat	EA	\$133.42	\$226.01	\$0.00	\$359.43
103019	Hollow Metal Frame Up To 3' X 6'8" : 8" Throat	EA	\$133.42	\$237.90	\$0.00	\$371.32

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		Units	Labor	Material	Equipment	Total
103020	Hollow Metal Frame Up To 3'6" X 6'8" : 8" Throat	EA	\$133.42	\$245.84	\$0.00	\$379.26
103021	Hollow Metal Frame Up To 4' X 6'8" : 8" Throat	EA	\$163.53	\$261.69	\$0.00	\$425.22
103022	Hollow Metal Frame Up To 5' X 6'8" : 8" Throat	EA	\$163.53	\$269.62	\$0.00	\$433.15
103023	Hollow Metal Frame Up To 6' X 6'8" : 8" Throat	EA	\$163.53	\$277.55	\$0.00	\$441.08
103024	Hollow Metal Frame Up To 7' X 6'8" : 8" Throat	EA	\$163.53	\$293.41	\$0.00	\$456.94
103025	Hollow Metal Frame (Knock Down) Up To 2' X 6'8" : 4" Throat	EA	\$133.42	\$174.83	\$0.00	\$308.25
103026	Hollow Metal Frame (Knock Down) Up To 2'6" X 6'8" : 4" Throat	EA	\$133.42	\$184.03	\$0.00	\$317.45
103027	Hollow Metal Frame (Knock Down) Up To 3' X 6'8" : 4" Throat	EA	\$133.42	\$193.72	\$0.00	\$327.14
103028	Hollow Metal Frame (Knock Down) Up To 3'6" X 6'8" : 4" Throat	EA	\$133.42	\$200.18	\$0.00	\$333.60
103029	Hollow Metal Frame (Knock Down) Up To 4' X 6'8" : 4" Throat	EA	\$163.53	\$213.09	\$0.00	\$376.62
103030	Hollow Metal Frame (Knock Down) Up To 5' X 6'8" : 4" Throat	EA	\$163.53	\$219.55	\$0.00	\$383.08
103031	Hollow Metal Frame (Knock Down) Up To 6' X 6'8" : 4" Throat	EA	\$163.53	\$226.01	\$0.00	\$389.54
103032	Hollow Metal Frame (Knock Down) Up To 7' X 6'8" : 4" Throat	EA	\$163.53	\$238.92	\$0.00	\$402.45
103033	Hollow Metal Frame (Knock Down) Up To 2' X 6'8" : 6" Throat	EA	\$133.42	\$184.03	\$0.00	\$317.45
103034	Hollow Metal Frame (Knock Down) Up To 2'6" X 6'8" : 6" Throat	EA	\$133.42	\$193.72	\$0.00	\$327.14
103035	Hollow Metal Frame (Knock Down) Up To 3' X 6'8" : 6" Throat	EA	\$133.42	\$203.91	\$0.00	\$337.33
103036	Hollow Metal Frame (Knock Down) Up To 3'6" X 6'8" : 6" Throat	EA	\$133.42	\$210.72	\$0.00	\$344.14
103037	Hollow Metal Frame (Knock Down) Up To 4' X 6'8" : 6" Throat	EA	\$163.53	\$224.31	\$0.00	\$387.84
103038	Hollow Metal Frame (Knock Down) Up To 5' X 6'8" : 6" Throat	EA	\$163.53	\$231.11	\$0.00	\$394.64
103039	Hollow Metal Frame (Knock Down) Up To 6' X 6'8" : 6" Throat	EA	\$163.53	\$237.90	\$0.00	\$401.43
103040	Hollow Metal Frame (Knock Down) Up To 7' X 6'8" : 6" Throat	EA	\$163.53	\$251.50	\$0.00	\$415.03
103041	Hollow Metal Frame (Knock Down) Up To 2' X 6'8" : 8" Throat	EA	\$133.42	\$192.70	\$0.00	\$326.12
103042	Hollow Metal Frame (Knock Down) Up To 2'6" X 6'8" : 8" Throat	EA	\$133.42	\$203.40	\$0.00	\$336.82
103043	Hollow Metal Frame (Knock Down) Up To 3' X 6'8" : 8" Throat	EA	\$133.42	\$214.12	\$0.00	\$347.54
103044	Hollow Metal Frame (Knock Down) Up To 3'6" X 6'8" : 8" Throat	EA	\$133.42	\$221.25	\$0.00	\$354.67
103045	Hollow Metal Frame (Knock Down) Up To 4' X 6'8" : 8" Throat	EA	\$163.53	\$235.52	\$0.00	\$399.05
103046	Hollow Metal Frame (Knock Down) Up To 5' X 6'8" : 8" Throat	EA	\$163.53	\$242.67	\$0.00	\$406.20

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		Units	Labor	Material	Equipment	Total
103047	Hollow Metal Frame (Knock Down) Up To 6' X 6'8" : 8" Throat	EA	\$163.53	\$249.80	\$0.00	\$413.33
103048	Hollow Metal Frame (Knock Down) Up To 7' X 6'8" : 8" Throat	EA	\$163.53	\$264.07	\$0.00	\$427.60
103049	Hollow Metal Frame Up To 2' X 7' : 4" Throat	EA	\$133.42	\$204.49	\$0.00	\$337.91
103050	Hollow Metal Frame Up To 2'6" X 7' : 4" Throat	EA	\$133.42	\$215.25	\$0.00	\$348.67
103051	Hollow Metal Frame Up To 3' X 7' : 4" Throat	EA	\$133.42	\$226.58	\$0.00	\$360.00
103052	Hollow Metal Frame Up To 3'6" X 7' : 4" Throat	EA	\$133.42	\$234.12	\$0.00	\$367.54
103053	Hollow Metal Frame Up To 4' X 7' : 4" Throat	EA	\$163.53	\$249.24	\$0.00	\$412.77
103054	Hollow Metal Frame Up To 5' X 7' : 4" Throat	EA	\$163.53	\$256.78	\$0.00	\$420.31
103055	Hollow Metal Frame Up To 6' X 7' : 4" Throat	EA	\$163.53	\$264.34	\$0.00	\$427.87
103056	Hollow Metal Frame Up To 7' X 7' : 4" Throat	EA	\$163.53	\$279.44	\$0.00	\$442.97
103057	Hollow Metal Frame Up To 2' X 7' : 6" Throat	EA	\$133.42	\$215.25	\$0.00	\$348.67
103058	Hollow Metal Frame Up To 2'6" X 7' : 6" Throat	EA	\$133.42	\$226.58	\$0.00	\$360.00
103059	Hollow Metal Frame Up To 3' X 7' : 6" Throat	EA	\$133.42	\$238.50	\$0.00	\$371.92
103060	Hollow Metal Frame Up To 3'6" X 7' : 6" Throat	EA	\$133.42	\$246.45	\$0.00	\$379.87
103061	Hollow Metal Frame Up To 4' X 7' : 6" Throat	EA	\$163.53	\$262.35	\$0.00	\$425.88
103062	Hollow Metal Frame Up To 5' X 7' : 6" Throat	EA	\$163.53	\$270.30	\$0.00	\$433.83
103063	Hollow Metal Frame Up To 6' X 7' : 6" Throat	EA	\$163.53	\$278.25	\$0.00	\$441.78
103064	Hollow Metal Frame Up To 7' X 7' : 6" Throat	EA	\$163.53	\$294.14	\$0.00	\$457.67
103065	Hollow Metal Frame Up To 2' X 7' : 8" Throat	EA	\$133.42	\$225.38	\$0.00	\$358.80
103066	Hollow Metal Frame Up To 2'6" X 7' : 8" Throat	EA	\$133.42	\$237.90	\$0.00	\$371.32
103067	Hollow Metal Frame Up To 3' X 7' : 8" Throat	EA	\$133.42	\$250.43	\$0.00	\$383.85
103068	Hollow Metal Frame Up To 3'6" X 7' : 8" Throat	EA	\$133.42	\$258.77	\$0.00	\$392.19
103069	Hollow Metal Frame Up To 4' X 7' : 8" Throat	EA	\$163.53	\$275.47	\$0.00	\$439.00
103070	Hollow Metal Frame Up To 5' X 7' : 8" Throat	EA	\$163.53	\$283.82	\$0.00	\$447.35
103071	Hollow Metal Frame Up To 6' X 7' : 8" Throat	EA	\$163.53	\$292.16	\$0.00	\$455.69
103072	Hollow Metal Frame Up To 7' X 7' : 8" Throat	EA	\$163.53	\$308.86	\$0.00	\$472.39
103073	Hollow Metal Frame (Knock Down) Up To 2' X 7' : 4" Throat	EA	\$133.42	\$184.03	\$0.00	\$317.45
103074	Hollow Metal Frame (Knock Down) Up To 2'6" X 7' : 4" Throat	EA	\$133.42	\$193.72	\$0.00	\$327.14
103075	Hollow Metal Frame (Knock Down) Up To 3' X 7' : 4" Throat	EA	\$133.42	\$203.91	\$0.00	\$337.33
103076	Hollow Metal Frame (Knock Down) Up To 3'6" X 7' : 4" Throat	EA	\$133.42	\$210.72	\$0.00	\$344.14

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		Units	Labor	Material	Equipment	Total
103077	Hollow Metal Frame (Knock Down) Up To 4' X 7' : 4" Throat	EA	\$163.53	\$224.31	\$0.00	\$387.84
103078	Hollow Metal Frame (Knock Down) Up To 5' X 7' : 4" Throat	EA	\$163.53	\$231.11	\$0.00	\$394.64
103079	Hollow Metal Frame (Knock Down) Up To 6' X 7' : 4" Throat	EA	\$163.53	\$237.90	\$0.00	\$401.43
103080	Hollow Metal Frame (Knock Down) Up To 7' X 7' : 4" Throat	EA	\$163.53	\$251.50	\$0.00	\$415.03
103081	Hollow Metal Frame (Knock Down) Up To 2' X 7' : 6" Throat	EA	\$133.42	\$193.72	\$0.00	\$327.14
103082	Hollow Metal Frame (Knock Down) Up To 2'6" X 7' : 6" Throat	EA	\$133.42	\$203.91	\$0.00	\$337.33
103083	Hollow Metal Frame (Knock Down) Up To 3' X 7' : 6" Throat	EA	\$133.42	\$214.65	\$0.00	\$348.07
103084	Hollow Metal Frame (Knock Down) Up To 3'6" X 7' : 6" Throat	EA	\$133.42	\$221.81	\$0.00	\$355.23
103085	Hollow Metal Frame (Knock Down) Up To 4' X 7' : 6" Throat	EA	\$163.53	\$236.12	\$0.00	\$399.65
103086	Hollow Metal Frame (Knock Down) Up To 5' X 7' : 6" Throat	EA	\$163.53	\$243.26	\$0.00	\$406.79
103087	Hollow Metal Frame (Knock Down) Up To 6' X 7' : 6" Throat	EA	\$163.53	\$250.43	\$0.00	\$413.96
103088	Hollow Metal Frame (Knock Down) Up To 7' X 7' : 6" Throat	EA	\$163.53	\$264.74	\$0.00	\$428.27
103089	Hollow Metal Frame (Knock Down) Up To 2' X 7' : 8" Throat	EA	\$133.42	\$202.84	\$0.00	\$336.26
103090	Hollow Metal Frame (Knock Down) Up To 2'6" X 7' : 8" Throat	EA	\$133.42	\$214.12	\$0.00	\$347.54
103091	Hollow Metal Frame (Knock Down) Up To 3' X 7' : 8" Throat	EA	\$133.42	\$225.38	\$0.00	\$358.80
103092	Hollow Metal Frame (Knock Down) Up To 3'6" X 7' : 8" Throat	EA	\$133.42	\$232.90	\$0.00	\$366.32
103093	Hollow Metal Frame (Knock Down) Up To 4' X 7' : 8" Throat	EA	\$163.53	\$247.92	\$0.00	\$411.45
103094	Hollow Metal Frame (Knock Down) Up To 5' X 7' : 8" Throat	EA	\$163.53	\$255.43	\$0.00	\$418.96
103095	Hollow Metal Frame (Knock Down) Up To 6' X 7' : 8" Throat	EA	\$163.53	\$262.95	\$0.00	\$426.48
103096	Hollow Metal Frame (Knock Down) Up To 7' X 7' : 8" Throat	EA	\$163.53	\$277.97	\$0.00	\$441.50
103097	Hollow Metal Frame Up To 2' X 8' : 4" Throat	EA	\$133.42	\$224.93	\$0.00	\$358.35
103098	Hollow Metal Frame Up To 2'6" X 8' : 4" Throat	EA	\$133.42	\$236.77	\$0.00	\$370.19
103099	Hollow Metal Frame Up To 3' X 8' : 4" Throat	EA	\$133.42	\$249.24	\$0.00	\$382.66
103100	Hollow Metal Frame Up To 3'6" X 8' : 4" Throat	EA	\$133.42	\$257.54	\$0.00	\$390.96
103101	Hollow Metal Frame Up To 4' X 8' : 4" Throat	EA	\$163.53	\$274.15	\$0.00	\$437.68
103102	Hollow Metal Frame Up To 5' X 8' : 4" Throat	EA	\$163.53	\$282.47	\$0.00	\$446.00
103103	Hollow Metal Frame Up To 6' X 8' : 4" Throat	EA	\$163.53	\$290.77	\$0.00	\$454.30
103104	Hollow Metal Frame Up To 7' X 8' : 4" Throat	EA	\$163.53	\$307.38	\$0.00	\$470.91
103105	Hollow Metal Frame Up To 2' X 8' : 6" Throat	EA	\$133.42	\$236.77	\$0.00	\$370.19
103106	Hollow Metal Frame Up To 2'6" X 8' : 6" Throat	EA	\$133.42	\$249.24	\$0.00	\$382.66

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		Units	Labor	Material	Equipment	Total
103107	Hollow Metal Frame Up To 3' X 8' : 6" Throat	EA	\$133.42	\$262.35	\$0.00	\$395.77
103108	Hollow Metal Frame Up To 3'6" X 8' : 6" Throat	EA	\$133.42	\$271.09	\$0.00	\$404.51
103109	Hollow Metal Frame Up To 4' X 8' : 6" Throat	EA	\$163.53	\$288.59	\$0.00	\$452.12
103110	Hollow Metal Frame Up To 5' X 8' : 6" Throat	EA	\$163.53	\$297.33	\$0.00	\$460.86
103111	Hollow Metal Frame Up To 6' X 8' : 6" Throat	EA	\$163.53	\$306.08	\$0.00	\$469.61
103112	Hollow Metal Frame Up To 7' X 8' : 6" Throat	EA	\$163.53	\$323.56	\$0.00	\$487.09
103113	Hollow Metal Frame Up To 2' X 8' : 8" Throat	EA	\$133.42	\$247.92	\$0.00	\$381.34
103114	Hollow Metal Frame Up To 2'6" X 8' : 8" Throat	EA	\$133.42	\$261.69	\$0.00	\$395.11
103115	Hollow Metal Frame Up To 3' X 8' : 8" Throat	EA	\$133.42	\$275.47	\$0.00	\$408.89
103116	Hollow Metal Frame Up To 3'6" X 8' : 8" Throat	EA	\$133.42	\$284.65	\$0.00	\$418.07
103117	Hollow Metal Frame Up To 4' X 8' : 8" Throat	EA	\$163.53	\$303.02	\$0.00	\$466.55
103118	Hollow Metal Frame Up To 5' X 8' : 8" Throat	EA	\$163.53	\$312.20	\$0.00	\$475.73
103119	Hollow Metal Frame Up To 6' X 8' : 8" Throat	EA	\$163.53	\$321.38	\$0.00	\$484.91
103120	Hollow Metal Frame Up To 7' X 8' : 8" Throat	EA	\$163.53	\$339.75	\$0.00	\$503.28
103121	Hollow Metal Frame (Knock Down) Up To 2' X 8' : 4" Throat	EA	\$133.42	\$202.44	\$0.00	\$335.86
103122	Hollow Metal Frame (Knock Down) Up To 2'6" X 8' : 4" Throat	EA	\$133.42	\$213.09	\$0.00	\$346.51
103123	Hollow Metal Frame (Knock Down) Up To 3' X 8' : 4" Throat	EA	\$133.42	\$224.31	\$0.00	\$357.73
103124	Hollow Metal Frame (Knock Down) Up To 3'6" X 8' : 4" Throat	EA	\$133.42	\$231.79	\$0.00	\$365.21
103125	Hollow Metal Frame (Knock Down) Up To 4' X 8' : 4" Throat	EA	\$163.53	\$246.74	\$0.00	\$410.27
103126	Hollow Metal Frame (Knock Down) Up To 5' X 8' : 4" Throat	EA	\$163.53	\$254.22	\$0.00	\$417.75
103127	Hollow Metal Frame (Knock Down) Up To 6' X 8' : 4" Throat	EA	\$163.53	\$261.69	\$0.00	\$425.22
103128	Hollow Metal Frame (Knock Down) Up To 7' X 8' : 4" Throat	EA	\$163.53	\$276.65	\$0.00	\$440.18
103129	Hollow Metal Frame (Knock Down) Up To 2' X 8' : 6" Throat	EA	\$133.42	\$213.09	\$0.00	\$346.51
103130	Hollow Metal Frame (Knock Down) Up To 2'6" X 8' : 6" Throat	EA	\$133.42	\$224.31	\$0.00	\$357.73
103131	Hollow Metal Frame (Knock Down) Up To 3' X 8' : 6" Throat	EA	\$133.42	\$236.12	\$0.00	\$369.54
103132	Hollow Metal Frame (Knock Down) Up To 3'6" X 8' : 6" Throat	EA	\$133.42	\$243.98	\$0.00	\$377.40
103133	Hollow Metal Frame (Knock Down) Up To 4' X 8' : 6" Throat	EA	\$163.53	\$259.72	\$0.00	\$423.25
103134	Hollow Metal Frame (Knock Down) Up To 5' X 8' : 6" Throat	EA	\$163.53	\$267.59	\$0.00	\$431.12
103135	Hollow Metal Frame (Knock Down) Up To 6' X 8' : 6" Throat	EA	\$163.53	\$275.47	\$0.00	\$439.00
103136	Hollow Metal Frame (Knock Down) Up To 7' X 8' : 6" Throat	EA	\$163.53	\$291.21	\$0.00	\$454.74

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		Units	Labor	Material	Equipment	Total
103137	Hollow Metal Frame (Knock Down) Up To 2' X 8' : 8" Throat	EA	\$133.42	\$223.13	\$0.00	\$356.55
103138	Hollow Metal Frame (Knock Down) Up To 2'6" X 8' : 8" Throat	EA	\$133.42	\$235.52	\$0.00	\$368.94
103139	Hollow Metal Frame (Knock Down) Up To 3' X 8' : 8" Throat	EA	\$133.42	\$247.92	\$0.00	\$381.34
103140	Hollow Metal Frame (Knock Down) Up To 3'6" X 8' : 8" Throat	EA	\$133.42	\$256.19	\$0.00	\$389.61
103141	Hollow Metal Frame (Knock Down) Up To 4' X 8' : 8" Throat	EA	\$163.53	\$272.71	\$0.00	\$436.24
103142	Hollow Metal Frame (Knock Down) Up To 5' X 8' : 8" Throat	EA	\$163.53	\$280.98	\$0.00	\$444.51
103143	Hollow Metal Frame (Knock Down) Up To 6' X 8' : 8" Throat	EA	\$163.53	\$289.24	\$0.00	\$452.77
103144	Hollow Metal Frame (Knock Down) Up To 7' X 8' : 8" Throat	EA	\$163.53	\$305.77	\$0.00	\$469.30
103145	[Modifier] Center Mullion	EA	\$52.32	\$68.90	\$0.00	\$121.22
103146	[Modifier] Frame Grouting – Single Door	EA	\$52.32	\$44.52	\$0.00	\$96.84
103147	[Modifier] Frame Grouting – Double Door	EA	\$74.76	\$57.88	\$0.00	\$132.64
103148	[Modifier] Add Glass for Borrowed Lights	SF	\$10.45	\$21.20	\$0.00	\$31.65
103149	[Modifier] Add Glazing Tint Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$2.53	\$5.55	\$0.00	\$8.08
103150	[Modifier] Add Hollow Metal Frame for Borrowed Light, Up To 2' x 7'	EA	\$0.00	\$133.36	\$0.00	\$133.36

08-12-14 Steel Channel Frames

Steel channel frames for doors and lites, prepped for hinges, strike and closer. Rabbed profile and standard throats. All frames are welded unless noted otherwise and fire rated up to 90 minutes.

103151	Steel Channel Door Frame Up To 3' x 7' Including anchors, bar stops	EA	\$185.51	\$260.76	\$0.00	\$446.27
103152	Steel Channel Door Frame Up To 6' x 8' Including anchors, bar stops	EA	\$270.46	\$505.62	\$0.00	\$776.08
103153	Steel Channel Door Frame Up To 8' x 12' Including anchors, bar stops	EA	\$380.55	\$745.17	\$0.00	\$1,125.72
103154	Steel Channel Door Frame Up To 10' x 10' Including anchors, bar stops	EA	\$393.55	\$917.96	\$0.00	\$1,311.51
103155	Steel Channel Door Frame Up To 12' x 12' Including anchors, bar stops	EA	\$431.69	\$1,380.12	\$0.00	\$1,811.81
103156	Steel Channel Door Frame Up To 12' x 16' Including anchors, bar stops	EA	\$608.53	\$1,859.24	\$0.00	\$2,467.77
103157	[Modifier] Center Mullion	EA	\$52.32	\$68.90	\$0.00	\$121.22
103158	[Modifier] Frame Grouting – Single Door	EA	\$52.32	\$44.52	\$0.00	\$96.84
103159	[Modifier] Frame Grouting – Double Door	EA	\$74.76	\$57.88	\$0.00	\$132.64

08-12-16 Aluminum Frames

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		Units	Labor	Material	Equipment	Total
<i>Extruded Aluminum frames for doors and lites, prepped for hinges, strike and closer, with rabbeted profile. All frames are welded unless noted otherwise and fire rated up to 90 minutes.</i>						
103160	Aluminum Frame Up To 2' X 6'8" : 4" Throat	EA	\$133.42	\$291.39	\$0.00	\$424.81
103161	Aluminum Frame Up To 2'6" X 6'8" : 4" Throat	EA	\$133.42	\$306.72	\$0.00	\$440.14
103162	Aluminum Frame Up To 3' X 6'8" : 4" Throat	EA	\$133.42	\$322.88	\$0.00	\$456.30
103163	Aluminum Frame Up To 3'6" X 6'8" : 4" Throat	EA	\$133.42	\$333.63	\$0.00	\$467.05
103164	Aluminum Frame Up To 4' X 6'8" : 4" Throat	EA	\$163.53	\$355.16	\$0.00	\$518.69
103165	Aluminum Frame Up To 5' X 6'8" : 4" Throat	EA	\$163.53	\$365.92	\$0.00	\$529.45
103166	Aluminum Frame Up To 6' X 6'8" : 4" Throat	EA	\$163.53	\$376.68	\$0.00	\$540.21
103167	Aluminum Frame Up To 7' X 6'8" : 4" Throat	EA	\$163.53	\$398.21	\$0.00	\$561.74
103168	Aluminum Frame Up To 2' X 6'8" : 6" Throat	EA	\$133.42	\$306.72	\$0.00	\$440.14
103169	Aluminum Frame Up To 2'6" X 6'8" : 6" Throat	EA	\$133.42	\$322.88	\$0.00	\$456.30
103170	Aluminum Frame Up To 3' X 6'8" : 6" Throat	EA	\$133.42	\$339.86	\$0.00	\$473.28
103171	Aluminum Frame Up To 3'6" X 6'8" : 6" Throat	EA	\$133.42	\$351.19	\$0.00	\$484.61
103172	Aluminum Frame Up To 4' X 6'8" : 6" Throat	EA	\$163.53	\$373.86	\$0.00	\$537.39
103173	Aluminum Frame Up To 5' X 6'8" : 6" Throat	EA	\$163.53	\$385.18	\$0.00	\$548.71
103174	Aluminum Frame Up To 6' X 6'8" : 6" Throat	EA	\$163.53	\$396.50	\$0.00	\$560.03
103175	Aluminum Frame Up To 7' X 6'8" : 6" Throat	EA	\$163.53	\$419.17	\$0.00	\$582.70
103176	Aluminum Frame Up To 2' X 6'8" : 8" Throat	EA	\$133.42	\$321.17	\$0.00	\$454.59
103177	Aluminum Frame Up To 2'6" X 6'8" : 8" Throat	EA	\$133.42	\$339.02	\$0.00	\$472.44
103178	Aluminum Frame Up To 3' X 6'8" : 8" Throat	EA	\$133.42	\$356.85	\$0.00	\$490.27
103179	Aluminum Frame Up To 3'6" X 6'8" : 8" Throat	EA	\$133.42	\$368.75	\$0.00	\$502.17
103180	Aluminum Frame Up To 4' X 6'8" : 8" Throat	EA	\$163.53	\$392.54	\$0.00	\$556.07
103181	Aluminum Frame Up To 5' X 6'8" : 8" Throat	EA	\$163.53	\$404.44	\$0.00	\$567.97
103182	Aluminum Frame Up To 6' X 6'8" : 8" Throat	EA	\$163.53	\$416.34	\$0.00	\$579.87
103183	Aluminum Frame Up To 7' X 6'8" : 8" Throat	EA	\$163.53	\$440.12	\$0.00	\$603.65
103184	Aluminum Frame (Knock Down) Up To 2' X 6'8" : 4" Throat	EA	\$133.42	\$262.26	\$0.00	\$395.68
103185	Aluminum Frame (Knock Down) Up To 2'6" X 6'8" : 4" Throat	EA	\$133.42	\$276.05	\$0.00	\$409.47
103186	Aluminum Frame (Knock Down) Up To 3' X 6'8" : 4" Throat	EA	\$133.42	\$290.59	\$0.00	\$424.01
103187	Aluminum Frame (Knock Down) Up To 3'6" X 6'8" : 4" Throat	EA	\$133.42	\$300.26	\$0.00	\$433.68
103188	Aluminum Frame (Knock Down) Up To 4' X 6'8" : 4" Throat	EA	\$163.53	\$319.65	\$0.00	\$483.18

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		Units	Labor	Material	Equipment	Total
103189	Aluminum Frame (Knock Down) Up To 5' X 6'8" : 4" Throat	EA	\$163.53	\$329.33	\$0.00	\$492.86
103190	Aluminum Frame (Knock Down) Up To 6' X 6'8" : 4" Throat	EA	\$163.53	\$339.02	\$0.00	\$502.55
103191	Aluminum Frame (Knock Down) Up To 7' X 6'8" : 4" Throat	EA	\$163.53	\$358.39	\$0.00	\$521.92
103192	Aluminum Frame (Knock Down) Up To 2' X 6'8" : 6" Throat	EA	\$133.42	\$276.05	\$0.00	\$409.47
103193	Aluminum Frame (Knock Down) Up To 2'6" X 6'8" : 6" Throat	EA	\$133.42	\$290.59	\$0.00	\$424.01
103194	Aluminum Frame (Knock Down) Up To 3' X 6'8" : 6" Throat	EA	\$133.42	\$305.88	\$0.00	\$439.30
103195	Aluminum Frame (Knock Down) Up To 3'6" X 6'8" : 6" Throat	EA	\$133.42	\$316.07	\$0.00	\$449.49
103196	Aluminum Frame (Knock Down) Up To 4' X 6'8" : 6" Throat	EA	\$163.53	\$336.47	\$0.00	\$500.00
103197	Aluminum Frame (Knock Down) Up To 5' X 6'8" : 6" Throat	EA	\$163.53	\$346.66	\$0.00	\$510.19
103198	Aluminum Frame (Knock Down) Up To 6' X 6'8" : 6" Throat	EA	\$163.53	\$356.85	\$0.00	\$520.38
103199	Aluminum Frame (Knock Down) Up To 7' X 6'8" : 6" Throat	EA	\$163.53	\$377.24	\$0.00	\$540.77
103200	Aluminum Frame (Knock Down) Up To 2' X 6'8" : 8" Throat	EA	\$133.42	\$289.05	\$0.00	\$422.47
103201	Aluminum Frame (Knock Down) Up To 2'6" X 6'8" : 8" Throat	EA	\$133.42	\$305.12	\$0.00	\$438.54
103202	Aluminum Frame (Knock Down) Up To 3' X 6'8" : 8" Throat	EA	\$133.42	\$321.17	\$0.00	\$454.59
103203	Aluminum Frame (Knock Down) Up To 3'6" X 6'8" : 8" Throat	EA	\$133.42	\$331.87	\$0.00	\$465.29
103204	Aluminum Frame (Knock Down) Up To 4' X 6'8" : 8" Throat	EA	\$163.53	\$353.29	\$0.00	\$516.82
103205	Aluminum Frame (Knock Down) Up To 5' X 6'8" : 8" Throat	EA	\$163.53	\$363.99	\$0.00	\$527.52
103206	Aluminum Frame (Knock Down) Up To 6' X 6'8" : 8" Throat	EA	\$163.53	\$374.70	\$0.00	\$538.23
103207	Aluminum Frame (Knock Down) Up To 7' X 6'8" : 8" Throat	EA	\$163.53	\$396.11	\$0.00	\$559.64
103208	Aluminum Frame Up To 2' X 7' : 4" Throat	EA	\$133.42	\$306.72	\$0.00	\$440.14
103209	Aluminum Frame Up To 2'6" X 7' : 4" Throat	EA	\$133.42	\$322.88	\$0.00	\$456.30
103210	Aluminum Frame Up To 3' X 7' : 4" Throat	EA	\$133.42	\$339.86	\$0.00	\$473.28
103211	Aluminum Frame Up To 3'6" X 7' : 4" Throat	EA	\$133.42	\$351.19	\$0.00	\$484.61
103212	Aluminum Frame Up To 4' X 7' : 4" Throat	EA	\$163.53	\$373.86	\$0.00	\$537.39
103213	Aluminum Frame Up To 5' X 7' : 4" Throat	EA	\$163.53	\$385.18	\$0.00	\$548.71
103214	Aluminum Frame Up To 6' X 7' : 4" Throat	EA	\$163.53	\$396.50	\$0.00	\$560.03
103215	Aluminum Frame Up To 7' X 7' : 4" Throat	EA	\$163.53	\$419.17	\$0.00	\$582.70
103216	Aluminum Frame Up To 2' X 7' : 6" Throat	EA	\$133.42	\$322.88	\$0.00	\$456.30
103217	Aluminum Frame Up To 2'6" X 7' : 6" Throat	EA	\$133.42	\$339.86	\$0.00	\$473.28
103218	Aluminum Frame Up To 3' X 7' : 6" Throat	EA	\$133.42	\$357.75	\$0.00	\$491.17

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		Units	Labor	Material	Equipment	Total
103219	Aluminum Frame Up To 3'6" X 7' : 6" Throat	EA	\$133.42	\$369.67	\$0.00	\$503.09
103220	Aluminum Frame Up To 4' X 7' : 6" Throat	EA	\$163.53	\$393.53	\$0.00	\$557.06
103221	Aluminum Frame Up To 5' X 7' : 6" Throat	EA	\$163.53	\$405.45	\$0.00	\$568.98
103222	Aluminum Frame Up To 6' X 7' : 6" Throat	EA	\$163.53	\$417.37	\$0.00	\$580.90
103223	Aluminum Frame Up To 7' X 7' : 6" Throat	EA	\$163.53	\$441.23	\$0.00	\$604.76
103224	Aluminum Frame Up To 2' X 7' : 8" Throat	EA	\$133.42	\$338.08	\$0.00	\$471.50
103225	Aluminum Frame Up To 2'6" X 7' : 8" Throat	EA	\$133.42	\$356.85	\$0.00	\$490.27
103226	Aluminum Frame Up To 3' X 7' : 8" Throat	EA	\$133.42	\$375.63	\$0.00	\$509.05
103227	Aluminum Frame Up To 3'6" X 7' : 8" Throat	EA	\$133.42	\$388.15	\$0.00	\$521.57
103228	Aluminum Frame Up To 4' X 7' : 8" Throat	EA	\$163.53	\$413.20	\$0.00	\$576.73
103229	Aluminum Frame Up To 5' X 7' : 8" Throat	EA	\$163.53	\$425.72	\$0.00	\$589.25
103230	Aluminum Frame Up To 6' X 7' : 8" Throat	EA	\$163.53	\$438.24	\$0.00	\$601.77
103231	Aluminum Frame Up To 7' X 7' : 8" Throat	EA	\$163.53	\$463.29	\$0.00	\$626.82
103232	Aluminum Frame (Knock Down) Up To 2' X 7' : 4" Throat	EA	\$133.42	\$276.05	\$0.00	\$409.47
103233	Aluminum Frame (Knock Down) Up To 2'6" X 7' : 4" Throat	EA	\$133.42	\$290.59	\$0.00	\$424.01
103234	Aluminum Frame (Knock Down) Up To 3' X 7' : 4" Throat	EA	\$133.42	\$305.88	\$0.00	\$439.30
103235	Aluminum Frame (Knock Down) Up To 3'6" X 7' : 4" Throat	EA	\$133.42	\$316.07	\$0.00	\$449.49
103236	Aluminum Frame (Knock Down) Up To 4' X 7' : 4" Throat	EA	\$163.53	\$336.47	\$0.00	\$500.00
103237	Aluminum Frame (Knock Down) Up To 5' X 7' : 4" Throat	EA	\$163.53	\$346.66	\$0.00	\$510.19
103238	Aluminum Frame (Knock Down) Up To 6' X 7' : 4" Throat	EA	\$163.53	\$356.85	\$0.00	\$520.38
103239	Aluminum Frame (Knock Down) Up To 7' X 7' : 4" Throat	EA	\$163.53	\$377.24	\$0.00	\$540.77
103240	Aluminum Frame (Knock Down) Up To 2' X 7' : 6" Throat	EA	\$133.42	\$290.59	\$0.00	\$424.01
103241	Aluminum Frame (Knock Down) Up To 2'6" X 7' : 6" Throat	EA	\$133.42	\$305.88	\$0.00	\$439.30
103242	Aluminum Frame (Knock Down) Up To 3' X 7' : 6" Throat	EA	\$133.42	\$321.97	\$0.00	\$455.39
103243	Aluminum Frame (Knock Down) Up To 3'6" X 7' : 6" Throat	EA	\$133.42	\$332.71	\$0.00	\$466.13
103244	Aluminum Frame (Knock Down) Up To 4' X 7' : 6" Throat	EA	\$163.53	\$354.17	\$0.00	\$517.70
103245	Aluminum Frame (Knock Down) Up To 5' X 7' : 6" Throat	EA	\$163.53	\$364.91	\$0.00	\$528.44
103246	Aluminum Frame (Knock Down) Up To 6' X 7' : 6" Throat	EA	\$163.53	\$375.63	\$0.00	\$539.16
103247	Aluminum Frame (Knock Down) Up To 7' X 7' : 6" Throat	EA	\$163.53	\$397.10	\$0.00	\$560.63
103248	Aluminum Frame (Knock Down) Up To 2' X 7' : 8" Throat	EA	\$133.42	\$304.26	\$0.00	\$437.68

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		Units	Labor	Material	Equipment	Total
103249	Aluminum Frame (Knock Down) Up To 2'6" X 7' : 8" Throat	EA	\$133.42	\$321.17	\$0.00	\$454.59
103250	Aluminum Frame (Knock Down) Up To 3' X 7' : 8" Throat	EA	\$133.42	\$338.08	\$0.00	\$471.50
103251	Aluminum Frame (Knock Down) Up To 3'6" X 7' : 8" Throat	EA	\$133.42	\$349.34	\$0.00	\$482.76
103252	Aluminum Frame (Knock Down) Up To 4' X 7' : 8" Throat	EA	\$163.53	\$371.88	\$0.00	\$535.41
103253	Aluminum Frame (Knock Down) Up To 5' X 7' : 8" Throat	EA	\$163.53	\$383.16	\$0.00	\$546.69
103254	Aluminum Frame (Knock Down) Up To 6' X 7' : 8" Throat	EA	\$163.53	\$394.42	\$0.00	\$557.95
103255	Aluminum Frame (Knock Down) Up To 7' X 7' : 8" Throat	EA	\$163.53	\$416.96	\$0.00	\$580.49
103256	Aluminum Frame Up To 2' X 8' : 4" Throat	EA	\$133.42	\$337.39	\$0.00	\$470.81
103257	Aluminum Frame Up To 2'6" X 8' : 4" Throat	EA	\$133.42	\$355.16	\$0.00	\$488.58
103258	Aluminum Frame Up To 3' X 8' : 4" Throat	EA	\$133.42	\$373.86	\$0.00	\$507.28
103259	Aluminum Frame Up To 3'6" X 8' : 4" Throat	EA	\$133.42	\$386.31	\$0.00	\$519.73
103260	Aluminum Frame Up To 4' X 8' : 4" Throat	EA	\$163.53	\$411.23	\$0.00	\$574.76
103261	Aluminum Frame Up To 5' X 8' : 4" Throat	EA	\$163.53	\$423.70	\$0.00	\$587.23
103262	Aluminum Frame Up To 6' X 8' : 4" Throat	EA	\$163.53	\$436.16	\$0.00	\$599.69
103263	Aluminum Frame Up To 7' X 8' : 4" Throat	EA	\$163.53	\$461.09	\$0.00	\$624.62
103264	Aluminum Frame Up To 2' X 8' : 6" Throat	EA	\$133.42	\$355.16	\$0.00	\$488.58
103265	Aluminum Frame Up To 2'6" X 8' : 6" Throat	EA	\$133.42	\$373.86	\$0.00	\$507.28
103266	Aluminum Frame Up To 3' X 8' : 6" Throat	EA	\$133.42	\$393.53	\$0.00	\$526.95
103267	Aluminum Frame Up To 3'6" X 8' : 6" Throat	EA	\$133.42	\$406.65	\$0.00	\$540.07
103268	Aluminum Frame Up To 4' X 8' : 6" Throat	EA	\$163.53	\$432.88	\$0.00	\$596.41
103269	Aluminum Frame Up To 5' X 8' : 6" Throat	EA	\$163.53	\$446.00	\$0.00	\$609.53
103270	Aluminum Frame Up To 6' X 8' : 6" Throat	EA	\$163.53	\$459.11	\$0.00	\$622.64
103271	Aluminum Frame Up To 7' X 8' : 6" Throat	EA	\$163.53	\$485.34	\$0.00	\$648.87
103272	Aluminum Frame Up To 2' X 8' : 8" Throat	EA	\$133.42	\$371.88	\$0.00	\$505.30
103273	Aluminum Frame Up To 2'6" X 8' : 8" Throat	EA	\$133.42	\$392.54	\$0.00	\$525.96
103274	Aluminum Frame Up To 3' X 8' : 8" Throat	EA	\$133.42	\$413.20	\$0.00	\$546.62
103275	Aluminum Frame Up To 3'6" X 8' : 8" Throat	EA	\$133.42	\$426.98	\$0.00	\$560.40
103276	Aluminum Frame Up To 4' X 8' : 8" Throat	EA	\$163.53	\$454.53	\$0.00	\$618.06
103277	Aluminum Frame Up To 5' X 8' : 8" Throat	EA	\$163.53	\$468.29	\$0.00	\$631.82
103278	Aluminum Frame Up To 6' X 8' : 8" Throat	EA	\$163.53	\$482.07	\$0.00	\$645.60

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		Units	Labor	Material	Equipment	Total
103279	Aluminum Frame Up To 7' X 8' : 8" Throat	EA	\$163.53	\$509.62	\$0.00	\$673.15
103280	Aluminum Frame (Knock Down) Up To 2' X 8' : 4" Throat	EA	\$133.42	\$303.67	\$0.00	\$437.09
103281	Aluminum Frame (Knock Down) Up To 2'6" X 8' : 4" Throat	EA	\$133.42	\$319.65	\$0.00	\$453.07
103282	Aluminum Frame (Knock Down) Up To 3' X 8' : 4" Throat	EA	\$133.42	\$336.47	\$0.00	\$469.89
103283	Aluminum Frame (Knock Down) Up To 3'6" X 8' : 4" Throat	EA	\$133.42	\$347.68	\$0.00	\$481.10
103284	Aluminum Frame (Knock Down) Up To 4' X 8' : 4" Throat	EA	\$163.53	\$370.11	\$0.00	\$533.64
103285	Aluminum Frame (Knock Down) Up To 5' X 8' : 4" Throat	EA	\$163.53	\$381.33	\$0.00	\$544.86
103286	Aluminum Frame (Knock Down) Up To 6' X 8' : 4" Throat	EA	\$163.53	\$392.54	\$0.00	\$556.07
103287	Aluminum Frame (Knock Down) Up To 7' X 8' : 4" Throat	EA	\$163.53	\$414.97	\$0.00	\$578.50
103288	Aluminum Frame (Knock Down) Up To 2' X 8' : 6" Throat	EA	\$133.42	\$319.65	\$0.00	\$453.07
103289	Aluminum Frame (Knock Down) Up To 2'6" X 8' : 6" Throat	EA	\$133.42	\$336.47	\$0.00	\$469.89
103290	Aluminum Frame (Knock Down) Up To 3' X 8' : 6" Throat	EA	\$133.42	\$354.17	\$0.00	\$487.59
103291	Aluminum Frame (Knock Down) Up To 3'6" X 8' : 6" Throat	EA	\$133.42	\$365.98	\$0.00	\$499.40
103292	Aluminum Frame (Knock Down) Up To 4' X 8' : 6" Throat	EA	\$163.53	\$389.59	\$0.00	\$553.12
103293	Aluminum Frame (Knock Down) Up To 5' X 8' : 6" Throat	EA	\$163.53	\$401.39	\$0.00	\$564.92
103294	Aluminum Frame (Knock Down) Up To 6' X 8' : 6" Throat	EA	\$163.53	\$413.20	\$0.00	\$576.73
103295	Aluminum Frame (Knock Down) Up To 7' X 8' : 6" Throat	EA	\$163.53	\$436.82	\$0.00	\$600.35
103296	Aluminum Frame (Knock Down) Up To 2' X 8' : 8" Throat	EA	\$133.42	\$334.69	\$0.00	\$468.11
103297	Aluminum Frame (Knock Down) Up To 2'6" X 8' : 8" Throat	EA	\$133.42	\$353.29	\$0.00	\$486.71
103298	Aluminum Frame (Knock Down) Up To 3' X 8' : 8" Throat	EA	\$133.42	\$371.88	\$0.00	\$505.30
103299	Aluminum Frame (Knock Down) Up To 3'6" X 8' : 8" Throat	EA	\$133.42	\$384.28	\$0.00	\$517.70
103300	Aluminum Frame (Knock Down) Up To 4' X 8' : 8" Throat	EA	\$163.53	\$409.07	\$0.00	\$572.60
103301	Aluminum Frame (Knock Down) Up To 5' X 8' : 8" Throat	EA	\$163.53	\$421.47	\$0.00	\$585.00
103302	Aluminum Frame (Knock Down) Up To 6' X 8' : 8" Throat	EA	\$163.53	\$433.87	\$0.00	\$597.40
103303	Aluminum Frame (Knock Down) Up To 7' X 8' : 8" Throat	EA	\$163.53	\$458.65	\$0.00	\$622.18
103304	[Modifier] Center Mullion	EA	\$52.32	\$68.90	\$0.00	\$121.22
103305	[Modifier] Frame Grouting – Single Door	EA	\$52.32	\$44.52	\$0.00	\$96.84
103306	[Modifier] Frame Grouting – Double Door	EA	\$74.76	\$57.88	\$0.00	\$132.64

08-13-00 Metal Doors

08-13-13 Hollow Metal Doors

Steel doors are based on Level 2, Heavy duty 18 gauge, 1 3/4" thick in sizes indicated, unless noted otherwise. Flat face construction. Includes prep for hinges, lockset and closer. Fire rated up to 45 minutes

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		Units	Labor	Material	Equipment	Total
103307	Hollow Metal Door Up To 2' x 6'8"	EA	\$79.75	\$265.51	\$0.00	\$345.26
103308	Hollow Metal Door Up To 2'6" x 6'8"	EA	\$79.75	\$295.00	\$0.00	\$374.75
103309	Hollow Metal Door Up To 3' X 6'8"	EA	\$79.75	\$327.78	\$0.00	\$407.53
103310	Hollow Metal Door Up To 3'6" X 6'8"	EA	\$79.75	\$360.56	\$0.00	\$440.31
103311	Hollow Metal Door Up To 4' X 6'8"	EA	\$90.15	\$396.61	\$0.00	\$486.76
103312	Hollow Metal Door Up To 2' x 7'	EA	\$79.75	\$279.48	\$0.00	\$359.23
103313	Hollow Metal Door Up To 2'6" x 7'	EA	\$79.75	\$310.53	\$0.00	\$390.28
103314	Hollow Metal Door Up To 3' X 7'	EA	\$79.75	\$345.03	\$0.00	\$424.78
103315	Hollow Metal Door Up To 3'6" X 7'	EA	\$79.75	\$379.54	\$0.00	\$459.29
103316	Hollow Metal Door Up To 4' X 7'	EA	\$90.15	\$417.50	\$0.00	\$507.65
103317	Hollow Metal Door Up To 2' x 8'	EA	\$79.75	\$307.43	\$0.00	\$387.18
103318	Hollow Metal Door Up To 2'6" x 8'	EA	\$79.75	\$341.58	\$0.00	\$421.33
103319	Hollow Metal Door Up To 3' X 8'	EA	\$79.75	\$379.54	\$0.00	\$459.29
103320	Hollow Metal Door Up To 3'6" X 8'	EA	\$79.75	\$417.48	\$0.00	\$497.23
103321	Hollow Metal Door Up To 4' X 8'	EA	\$90.15	\$459.25	\$0.00	\$549.40
103322	Primed Steel Door Up To 2' x 6'8" – Prehung Includes frame and hinges	EA	\$79.75	\$199.12	\$0.00	\$278.87
103323	Primed Steel Door Up To 2'6" x 6'8" – Prehung Includes frame and hinges	EA	\$79.75	\$221.25	\$0.00	\$301.00
103324	Primed Steel Door Up To 3' X 6'8" – Prehung Includes frame and hinges	EA	\$79.75	\$245.84	\$0.00	\$325.59
103325	Primed Steel Door Up To 3'6" X 6'8" – Prehung Includes frame and hinges	EA	\$79.75	\$270.42	\$0.00	\$350.17
103326	Primed Steel Door Up To 4' X 6'8" – Prehung Includes frame and hinges	EA	\$90.15	\$297.46	\$0.00	\$387.61
103327	Primed Steel Door Up To 2' x 7' – Prehung Includes frame and hinges	EA	\$79.75	\$209.61	\$0.00	\$289.36
103328	Primed Steel Door Up To 2'6" x 7' – Prehung Includes frame and hinges	EA	\$79.75	\$232.89	\$0.00	\$312.64
103329	Primed Steel Door Up To 3' X 7' – Prehung Includes frame and hinges	EA	\$79.75	\$258.77	\$0.00	\$338.52
103330	Primed Steel Door Up To 3'6" X 7' – Prehung Includes frame and hinges	EA	\$79.75	\$284.65	\$0.00	\$364.40
103331	Primed Steel Door Up To 4' X 7' – Prehung Includes frame and hinges	EA	\$90.15	\$313.12	\$0.00	\$403.27
103332	Primed Steel Door Up To 2' x 8' – Prehung Includes frame and hinges	EA	\$79.75	\$230.57	\$0.00	\$310.32
103333	Primed Steel Door Up To 2'6" x 8' – Prehung Includes frame and hinges	EA	\$79.75	\$256.19	\$0.00	\$335.94
103334	Primed Steel Door Up To 3' X 8' – Prehung Includes frame and hinges	EA	\$79.75	\$284.65	\$0.00	\$364.40
103335	Primed Steel Door Up To 3'6" X 8' – Prehung Includes frame and hinges	EA	\$79.75	\$313.11	\$0.00	\$392.86

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		Units	Labor	Material	Equipment	Total
103336	Primed Steel Door Up To 4' X 8' – Prehung Includes frame and hinges	EA	\$90.15	\$344.43	\$0.00	\$434.58
103337	Insulated Steel Door Up To 2' x 6'8"	EA	\$79.75	\$292.06	\$0.00	\$371.81
103338	Insulated Steel Door Up To 2'6" x 6'8"	EA	\$79.75	\$324.50	\$0.00	\$404.25
103339	Insulated Steel Door Up To 3' X 6'8"	EA	\$79.75	\$360.56	\$0.00	\$440.31
103340	Insulated Steel Door Up To 3'6" X 6'8"	EA	\$79.75	\$396.61	\$0.00	\$476.36
103341	Insulated Steel Door Up To 4' X 6'8"	EA	\$90.15	\$436.28	\$0.00	\$526.43
103342	Insulated Steel Door Up To 2' x 7'	EA	\$79.75	\$307.43	\$0.00	\$387.18
103343	Insulated Steel Door Up To 2'6" x 7'	EA	\$79.75	\$341.58	\$0.00	\$421.33
103344	Insulated Steel Door Up To 3' X 7'	EA	\$79.75	\$379.54	\$0.00	\$459.29
103345	Insulated Steel Door Up To 3'6" X 7'	EA	\$79.75	\$417.48	\$0.00	\$497.23
103346	Insulated Steel Door Up To 4' X 7'	EA	\$90.15	\$459.25	\$0.00	\$549.40
103347	Insulated Steel Door Up To 2' x 8'	EA	\$79.75	\$338.17	\$0.00	\$417.92
103348	Insulated Steel Door Up To 2'6" x 8'	EA	\$79.75	\$375.74	\$0.00	\$455.49
103349	Insulated Steel Door Up To 3' X 8'	EA	\$79.75	\$417.48	\$0.00	\$497.23
103350	Insulated Steel Door Up To 3'6" X 8'	EA	\$79.75	\$459.23	\$0.00	\$538.98
103351	Insulated Steel Door Up To 4' X 8'	EA	\$90.15	\$505.17	\$0.00	\$595.32
103352	Metal Fire Door Up To 2' x 6'8" 90 Minute Fire Rating	EA	\$79.75	\$423.48	\$0.00	\$503.23
103353	Metal Fire Door Up To 2'6" x 6'8" 90 Minute Fire Rating	EA	\$79.75	\$470.52	\$0.00	\$550.27
103354	Metal Fire Door Up To 3' X 6'8" 90 Minute Fire Rating	EA	\$79.75	\$522.80	\$0.00	\$602.55
103355	Metal Fire Door Up To 3'6" X 6'8" 90 Minute Fire Rating	EA	\$79.75	\$575.09	\$0.00	\$654.84
103356	Metal Fire Door Up To 4' X 6'8" 90 Minute Fire Rating	EA	\$90.15	\$632.60	\$0.00	\$722.75
103357	Metal Fire Door Up To 2' x 7' 90 Minute Fire Rating	EA	\$79.75	\$445.78	\$0.00	\$525.53
103358	Metal Fire Door Up To 2'6" x 7' 90 Minute Fire Rating	EA	\$79.75	\$495.29	\$0.00	\$575.04
103359	Metal Fire Door Up To 3' X 7' 90 Minute Fire Rating	EA	\$79.75	\$550.32	\$0.00	\$630.07
103360	Metal Fire Door Up To 3'6" X 7' 90 Minute Fire Rating	EA	\$79.75	\$605.36	\$0.00	\$685.11
103361	Metal Fire Door Up To 4' X 7' 90 Minute Fire Rating	EA	\$90.15	\$665.90	\$0.00	\$756.05
103362	Metal Fire Door Up To 2' x 8' 90 Minute Fire Rating	EA	\$79.75	\$490.34	\$0.00	\$570.09
103363	Metal Fire Door Up To 2'6" x 8' 90 Minute Fire Rating	EA	\$79.75	\$544.82	\$0.00	\$624.57
103364	Metal Fire Door Up To 3' X 8' 90 Minute Fire Rating	EA	\$79.75	\$605.36	\$0.00	\$685.11
103365	Metal Fire Door Up To 3'6" X 8' 90 Minute Fire Rating	EA	\$79.75	\$665.89	\$0.00	\$745.64
103366	Metal Fire Door Up To 4' X 8' 90 Minute Fire Rating	EA	\$90.15	\$732.48	\$0.00	\$822.63
103367	Composite Fire Door Up To 2' x 6'8" 3 Hour Fire Rating	EA	\$79.75	\$669.10	\$0.00	\$748.85

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		Units	Labor	Material	Equipment	Total
103368	Composite Fire Door Up To 2'6" x 6'8" 3 Hour Fire Rating	EA	\$79.75	\$743.43	\$0.00	\$823.18
103369	Composite Fire Door Up To 3' X 6'8" 3 Hour Fire Rating	EA	\$79.75	\$826.03	\$0.00	\$905.78
103370	Composite Fire Door Up To 3'6" X 6'8" 3 Hour Fire Rating	EA	\$79.75	\$908.64	\$0.00	\$988.39
103371	Composite Fire Door Up To 4' X 6'8" 3 Hour Fire Rating	EA	\$90.15	\$999.52	\$0.00	\$1,089.67
103372	Composite Fire Door Up To 2' x 7' 3 Hour Fire Rating	EA	\$79.75	\$704.31	\$0.00	\$784.06
103373	Composite Fire Door Up To 2'6" x 7' 3 Hour Fire Rating	EA	\$79.75	\$782.56	\$0.00	\$862.31
103374	Composite Fire Door Up To 3' X 7' 3 Hour Fire Rating	EA	\$79.75	\$869.51	\$0.00	\$949.26
103375	Composite Fire Door Up To 3'6" X 7' 3 Hour Fire Rating	EA	\$79.75	\$956.46	\$0.00	\$1,036.21
103376	Composite Fire Door Up To 4' X 7' 3 Hour Fire Rating	EA	\$90.15	\$1,052.12	\$0.00	\$1,142.27
103377	Composite Fire Door Up To 2' x 8' 3 Hour Fire Rating	EA	\$79.75	\$774.75	\$0.00	\$854.50
103378	Composite Fire Door Up To 2'6" x 8' 3 Hour Fire Rating	EA	\$79.75	\$860.82	\$0.00	\$940.57
103379	Composite Fire Door Up To 3' X 8' 3 Hour Fire Rating	EA	\$79.75	\$956.46	\$0.00	\$1,036.21
103380	Composite Fire Door Up To 3'6" X 8' 3 Hour Fire Rating	EA	\$79.75	\$1,052.11	\$0.00	\$1,131.86
103381	Composite Fire Door Up To 4' X 8' 3 Hour Fire Rating	EA	\$90.15	\$1,157.33	\$0.00	\$1,247.48
103382	[Modifier] 60-Minute Door Rating	EA	\$0.00	\$67.34	\$0.00	\$67.34
103383	[Modifier] 90-Minute Door Rating	EA	\$0.00	\$134.68	\$0.00	\$134.68
103384	[Modifier] 120-Minute Door Rating	EA	\$0.00	\$215.47	\$0.00	\$215.47
103385	[Modifier] Raised Door Panels Includes any number of raised panels	EA	\$0.00	\$42.40	\$0.00	\$42.40
103386	[Modifier] Door Louvers – Metal	SF	\$0.00	\$15.90	\$0.00	\$15.90
103387	[Modifier] Door Louvers – Wood	SF	\$0.00	\$21.20	\$0.00	\$21.20
103388	[Modifier] Door Light Includes factory installation of a standard clear up to 90 minute rated glazing unit into a door slab.	SF	\$0.00	\$21.20	\$0.00	\$21.20
103389	[Modifier] Galvanized	EA	\$0.00	\$44.52	\$0.00	\$44.52
103390	[Modifier] 16 Gauge Door Face	EA	\$0.00	\$82.68	\$0.00	\$82.68

08-13-16 Aluminum Doors

.063 anodized aluminum construction unless noted otherwise. Includes prep for hinges, lockset and closer

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		Units	Labor	Material	Equipment	Total
103391	Aluminum Food Service Door Up To 3' X 7' Includes door, frame, double acting hinges, push and impact plates	EA	\$455.04	\$911.60	\$0.00	\$1,366.64
103392	Aluminum Food Service Door Up To 3'6" X 7' Includes door, frame, double acting hinges, push and impact plates	EA	\$455.04	\$960.36	\$0.00	\$1,415.40
103393	Aluminum Food Service Door Up To 4' X 7' Includes door, frame, double acting hinges, push and impact plates	EA	\$455.04	\$1,431.00	\$0.00	\$1,886.04
103394	Aluminum Food Service Door Up To 5' X 7' Double Includes door, frame, double acting hinges, push and impact plates	EA	\$697.74	\$1,505.20	\$0.00	\$2,202.94
103395	Aluminum Food Service Door Up To 6' X 7' Double Includes door, frame, double acting hinges, push and impact plates	EA	\$697.74	\$1,595.31	\$0.00	\$2,293.05
103396	[Modifier] Door Louvers- Metal	SF	\$0.00	\$15.90	\$0.00	\$15.90
103397	[Modifier] Door Louvers- Wood	SF	\$0.00	\$21.20	\$0.00	\$21.20
103398	[Modifier] Door Light Includes factory installation of a standard clear up to 90 minute rated glazing unit into a door slab.	SF	\$0.00	\$21.20	\$0.00	\$21.20

08-13-19 Stainless-Steel Doors

16 gauge stainless steel construction with brush finish unless noted otherwise. Includes prep for hinges, lockset and closer

103399	Stainless Steel Food Service Door Up To 3' X 7' Includes door, frame, double acting hinges, push and impact plates	EA	\$455.04	\$1,367.40	\$0.00	\$1,822.44
103400	Stainless Steel Food Service Door Up To 3'6" X 7' Includes door, frame, double acting hinges, push and impact plates	EA	\$455.04	\$1,440.54	\$0.00	\$1,895.58
103401	Stainless Steel Food Service Door Up To 4' X 7' Includes door, frame, double acting hinges, push and impact plates	EA	\$455.04	\$2,146.50	\$0.00	\$2,601.54
103402	Stainless Steel Food Service Door Up To 5' X 7' Double Includes door, frame, double acting hinges, push and impact plates	EA	\$697.74	\$2,257.80	\$0.00	\$2,955.54
103403	Stainless Steel Food Service Door Up To 6' X 7' Double Includes door, frame, double acting hinges, push and impact plates	EA	\$697.74	\$2,392.95	\$0.00	\$3,090.69

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		Units	Labor	Material	Equipment	Total
103404	Stainless Steel Door Up To 3' X 7' Includes door, frame, hinges, door closer, latch and lockset in a 626 finish or equal	EA	\$455.04	\$1,823.20	\$0.00	\$2,278.24
103405	Stainless Steel Door Up To 3'6" X 7' Includes door, frame, hinges, door closer, latch and lockset in a 626 finish or equal	EA	\$455.04	\$1,871.96	\$0.00	\$2,327.00
103406	Stainless Steel Door Up To 4' X 7' Includes door, frame, hinges, door closer, latch and lockset in a 626 finish or equal	EA	\$455.04	\$1,920.72	\$0.00	\$2,375.76
103407	Stainless Steel Door Up To 5' X 7' Double Includes door, frame, hinges, door closer, latch and lockset in a 626 finish or equal	EA	\$697.74	\$3,010.41	\$0.00	\$3,708.15
103408	Stainless Steel Door Up To 6' X 7' Double Includes door, frame, hinges, door closer, latch and lockset in a 626 finish or equal	EA	\$697.74	\$3,190.60	\$0.00	\$3,888.34
103409	[Modifier] Door Louvers – Metal	SF	\$0.00	\$15.90	\$0.00	\$15.90
103410	[Modifier] Door Louvers – Wood	SF	\$0.00	\$21.20	\$0.00	\$21.20
103411	[Modifier] Door Light Includes factory installation of a standard clear up to 90 minute rated glazing unit into a door slab.	SF	\$0.00	\$21.20	\$0.00	\$21.20
08-13-73 Sliding Metal Doors						
103412	Metal Side Rolling / Bi-Part Doors To 12' Heavy track top and bottom. Hercules or equal	EA	\$3,467.41	\$12,720.00	\$0.00	\$16,187.41
08-14-00 Wood Doors						
08-14-16 Wood Doors						
<i>All doors are flat sawn, Buy America Compliant, with an STC rating of 35. Includes prep for hinges, lockset and closer</i>						
103413	Solid Core Wood Door Up To 2' X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$324.84	\$0.00	\$455.66
103414	Solid Core Wood Door Up To 2'6" X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$343.94	\$0.00	\$474.76
103415	Solid Core Wood Door Up To 3' X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$353.50	\$0.00	\$484.32
103416	Solid Core Wood Door Up To 3'6" X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$372.60	\$0.00	\$503.42
103417	Solid Core Wood Door Up To 4' X 6'8" Hardwood Veneer Stain Grade	EA	\$156.20	\$429.93	\$0.00	\$586.13
103418	Solid Core Wood Door Up To 2' X 6'8" Paint grade	EA	\$130.82	\$259.87	\$0.00	\$390.69
103419	Solid Core Wood Door Up To 2'6" X 6'8" Paint grade	EA	\$130.82	\$275.15	\$0.00	\$405.97

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		Units	Labor	Material	Equipment	Total
103420	Solid Core Wood Door Up To 3' X 6'8" Paint grade	EA	\$130.82	\$282.80	\$0.00	\$413.62
103421	Solid Core Wood Door Up To 3'6" X 6'8" Paint grade	EA	\$130.82	\$298.08	\$0.00	\$428.90
103422	Solid Core Wood Door Up To 4' X 6'8" Paint grade	EA	\$156.20	\$343.94	\$0.00	\$500.14
103423	Hollow Core Wood Door Up To 2' X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$211.14	\$0.00	\$341.96
103424	Hollow Core Wood Door Up To 2'6" X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$223.56	\$0.00	\$354.38
103425	Hollow Core Wood Door Up To 3' X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$229.77	\$0.00	\$360.59
103426	Hollow Core Wood Door Up To 3'6" X 6'8" Hardwood Veneer Stain Grade	EA	\$130.82	\$242.19	\$0.00	\$373.01
103427	Hollow Core Wood Door Up To 4' X 6'8" Hardwood Veneer Stain Grade	EA	\$156.20	\$279.46	\$0.00	\$435.66
103428	Hollow Core Wood Door Up To 2' X 6'8" Paint grade	EA	\$130.82	\$168.92	\$0.00	\$299.74
103429	Hollow Core Wood Door Up To 2'6" X 6'8" Paint grade	EA	\$130.82	\$178.85	\$0.00	\$309.67
103430	Hollow Core Wood Door Up To 3' X 6'8" Paint grade	EA	\$130.82	\$183.81	\$0.00	\$314.63
103431	Hollow Core Wood Door Up To 3'6" X 6'8" Paint grade	EA	\$130.82	\$193.75	\$0.00	\$324.57
103432	Hollow Core Wood Door Up To 4' X 6'8" Paint grade	EA	\$156.20	\$223.56	\$0.00	\$379.76
103433	Solid Core Wood Door Up To 2' X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$243.63	\$0.00	\$348.29
103434	Solid Core Wood Door Up To 2'6" X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$257.95	\$0.00	\$362.61
103435	Solid Core Wood Door Up To 3' X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$265.12	\$0.00	\$369.78
103436	Solid Core Wood Door Up To 3'6" X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$279.46	\$0.00	\$384.12
103437	Solid Core Wood Door Up To 4' X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$120.30	\$322.45	\$0.00	\$442.75

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		Units	Labor	Material	Equipment	Total
103438	Solid Core Wood Door Up To 2' X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$194.91	\$0.00	\$299.57
103439	Solid Core Wood Door Up To 2'6" X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$206.36	\$0.00	\$311.02
103440	Solid Core Wood Door Up To 3' X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$212.09	\$0.00	\$316.75
103441	Solid Core Wood Door Up To 3'6" X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$223.56	\$0.00	\$328.22
103442	Solid Core Wood Door Up To 4' X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$120.30	\$257.95	\$0.00	\$378.25
103443	Hollow Core Wood Door Up To 2' X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$158.36	\$0.00	\$263.02
103444	Hollow Core Wood Door Up To 2'6" X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$167.67	\$0.00	\$272.33
103445	Hollow Core Wood Door Up To 3' X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$172.33	\$0.00	\$276.99
103446	Hollow Core Wood Door Up To 3'6" X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$181.64	\$0.00	\$286.30
103447	Hollow Core Wood Door Up To 4' X 6'8" – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$120.30	\$209.59	\$0.00	\$329.89
103448	Hollow Core Wood Door Up To 2' X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$126.69	\$0.00	\$231.35
103449	Hollow Core Wood Door Up To 2'6" X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$134.14	\$0.00	\$238.80
103450	Hollow Core Wood Door Up To 3' X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$137.87	\$0.00	\$242.53
103451	Hollow Core Wood Door Up To 3'6" X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$145.32	\$0.00	\$249.98
103452	Hollow Core Wood Door Up To 4' X 6'8" – Prehung Paint grade. Includes frame and hinges	EA	\$120.30	\$167.67	\$0.00	\$287.97

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		Units	Labor	Material	Equipment	Total
103453	Composite MDF Door Up To 2' X 6'8" – Prehung Includes frame and hinges	EA	\$104.66	\$126.69	\$0.00	\$231.35
103454	Composite MDF Door Up To 2'6" X 6'8" – Prehung Includes frame and hinges	EA	\$104.66	\$134.14	\$0.00	\$238.80
103455	Composite MDF Door Up To 3' X 6'8" – Prehung Includes frame and hinges	EA	\$104.66	\$137.87	\$0.00	\$242.53
103456	Composite MDF Door Up To 3'6" X 6'8" – Prehung Includes frame and hinges	EA	\$104.66	\$145.32	\$0.00	\$249.98
103457	Composite MDF Door Up To 4' X 6'8" – Prehung Includes frame and hinges	EA	\$120.30	\$167.67	\$0.00	\$287.97
103458	Solid Core Wood Door Up To 2' X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$255.81	\$0.00	\$360.47
103459	Solid Core Wood Door Up To 2'6" X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$270.85	\$0.00	\$375.51
103460	Solid Core Wood Door Up To 3' X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$278.38	\$0.00	\$383.04
103461	Solid Core Wood Door Up To 3'6" X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$293.43	\$0.00	\$398.09
103462	Solid Core Wood Door Up To 4' X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$120.30	\$338.57	\$0.00	\$458.87
103463	Solid Core Wood Door Up To 2' X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$204.65	\$0.00	\$309.31
103464	Solid Core Wood Door Up To 2'6" X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$216.68	\$0.00	\$321.34
103465	Solid Core Wood Door Up To 3' X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$222.70	\$0.00	\$327.36
103466	Solid Core Wood Door Up To 3'6" X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$234.74	\$0.00	\$339.40
103467	Solid Core Wood Door Up To 4' X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$120.30	\$270.85	\$0.00	\$391.15

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		Units	Labor	Material	Equipment	Total
103468	Hollow Core Wood Door Up To 2' X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$166.27	\$0.00	\$270.93
103469	Hollow Core Wood Door Up To 2'6" X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$176.06	\$0.00	\$280.72
103470	Hollow Core Wood Door Up To 3' X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$180.95	\$0.00	\$285.61
103471	Hollow Core Wood Door Up To 3'6" X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$104.66	\$190.72	\$0.00	\$295.38
103472	Hollow Core Wood Door Up To 4' X 6'8" – Bi-Fold Hardwood Veneer Stain Grade. Includes hardware, hinges, and track	EA	\$120.30	\$220.07	\$0.00	\$340.37
103473	Hollow Core Wood Door Up To 2' X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$133.02	\$0.00	\$237.68
103474	Hollow Core Wood Door Up To 2'6" X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$140.84	\$0.00	\$245.50
103475	Hollow Core Wood Door Up To 3' X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$144.76	\$0.00	\$249.42
103476	Hollow Core Wood Door Up To 3'6" X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$104.66	\$152.58	\$0.00	\$257.24
103477	Hollow Core Wood Door Up To 4' X 6'8" – Bi-Fold Paint grade. Includes hardware, hinges, and track	EA	\$120.30	\$176.06	\$0.00	\$296.36
103478	Composite MDF Door Up To 2' X 6'8" – Bi-Fold Includes hardware, hinges, and track	EA	\$104.66	\$133.02	\$0.00	\$237.68
103479	Composite MDF Door Up To 2'6" X 6'8" – Bi-Fold Includes hardware, hinges, and track	EA	\$104.66	\$140.84	\$0.00	\$245.50
103480	Composite MDF Door Up To 3' X 6'8" – Bi-Fold Includes hardware, hinges, and track	EA	\$104.66	\$144.76	\$0.00	\$249.42

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		Units	Labor	Material	Equipment	Total
103481	Composite MDF Door Up To 3'6" X 6'8" – Bi-Fold Includes hardware, hinges, and track	EA	\$104.66	\$152.58	\$0.00	\$257.24
103482	Composite MDF Door Up To 4' X 6'8" – Bi-Fold Includes hardware, hinges, and track	EA	\$120.30	\$176.06	\$0.00	\$296.36
103483	Solid Core Wood Door Up To 2' X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$341.93	\$0.00	\$472.75
103484	Solid Core Wood Door Up To 2'6" X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$362.04	\$0.00	\$492.86
103485	Solid Core Wood Door Up To 3' X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$372.10	\$0.00	\$502.92
103486	Solid Core Wood Door Up To 3'6" X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$392.21	\$0.00	\$523.03
103487	Solid Core Wood Door Up To 4' X 7' Hardwood Veneer Stain Grade	EA	\$156.20	\$452.55	\$0.00	\$608.75
103488	Solid Core Wood Door Up To 2' X 7' Paint grade	EA	\$130.82	\$273.54	\$0.00	\$404.36
103489	Solid Core Wood Door Up To 2'6" X 7' Paint grade	EA	\$130.82	\$289.63	\$0.00	\$420.45
103490	Solid Core Wood Door Up To 3' X 7' Paint grade	EA	\$130.82	\$297.68	\$0.00	\$428.50
103491	Solid Core Wood Door Up To 3'6" X 7' Paint grade	EA	\$130.82	\$313.77	\$0.00	\$444.59
103492	Solid Core Wood Door Up To 4' X 7' Paint grade	EA	\$156.20	\$362.04	\$0.00	\$518.24
103493	Hollow Core Wood Door Up To 2' X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$222.26	\$0.00	\$353.08
103494	Hollow Core Wood Door Up To 2'6" X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$235.33	\$0.00	\$366.15
103495	Hollow Core Wood Door Up To 3' X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$241.86	\$0.00	\$372.68
103496	Hollow Core Wood Door Up To 3'6" X 7' Hardwood Veneer Stain Grade	EA	\$130.82	\$254.94	\$0.00	\$385.76
103497	Hollow Core Wood Door Up To 4' X 7' Hardwood Veneer Stain Grade	EA	\$156.20	\$294.16	\$0.00	\$450.36
103498	Hollow Core Wood Door Up To 2' X 7' Paint grade	EA	\$130.82	\$177.80	\$0.00	\$308.62
103499	Hollow Core Wood Door Up To 2'6" X 7' Paint grade	EA	\$130.82	\$188.26	\$0.00	\$319.08

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		Units	Labor	Material	Equipment	Total
103500	Hollow Core Wood Door Up To 3' X 7' Paint grade	EA	\$130.82	\$193.49	\$0.00	\$324.31
103501	Hollow Core Wood Door Up To 3'6" X 7' Paint grade	EA	\$130.82	\$203.95	\$0.00	\$334.77
103502	Hollow Core Wood Door Up To 4' X 7' Paint grade	EA	\$156.20	\$235.33	\$0.00	\$391.53
103503	Solid Core Wood Door Up To 2' X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$256.45	\$0.00	\$361.11
103504	Solid Core Wood Door Up To 2'6" X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$271.53	\$0.00	\$376.19
103505	Solid Core Wood Door Up To 3' X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$279.08	\$0.00	\$383.74
103506	Solid Core Wood Door Up To 3'6" X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$294.16	\$0.00	\$398.82
103507	Solid Core Wood Door Up To 4' X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$120.30	\$339.42	\$0.00	\$459.72
103508	Solid Core Wood Door Up To 2' X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$205.16	\$0.00	\$309.82
103509	Solid Core Wood Door Up To 2'6" X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$217.23	\$0.00	\$321.89
103510	Solid Core Wood Door Up To 3' X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$223.26	\$0.00	\$327.92
103511	Solid Core Wood Door Up To 3'6" X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$235.33	\$0.00	\$339.99
103512	Solid Core Wood Door Up To 4' X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$120.30	\$271.53	\$0.00	\$391.83
103513	Hollow Core Wood Door Up To 2' X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$166.70	\$0.00	\$271.36
103514	Hollow Core Wood Door Up To 2'6" X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$176.50	\$0.00	\$281.16

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		Units	Labor	Material	Equipment	Total
103515	Hollow Core Wood Door Up To 3' X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$181.40	\$0.00	\$286.06
103516	Hollow Core Wood Door Up To 3'6" X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$191.20	\$0.00	\$295.86
103517	Hollow Core Wood Door Up To 4' X 7' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$120.30	\$220.63	\$0.00	\$340.93
103518	Hollow Core Wood Door Up To 2' X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$133.36	\$0.00	\$238.02
103519	Hollow Core Wood Door Up To 2'6" X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$141.20	\$0.00	\$245.86
103520	Hollow Core Wood Door Up To 3' X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$145.12	\$0.00	\$249.78
103521	Hollow Core Wood Door Up To 3'6" X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$152.96	\$0.00	\$257.62
103522	Hollow Core Wood Door Up To 4' X 7' – Prehung Paint grade. Includes frame and hinges	EA	\$120.30	\$176.50	\$0.00	\$296.80
103523	Composite MDF Door Up To 2' X 7' – Prehung Includes frame and hinges	EA	\$104.66	\$133.36	\$0.00	\$238.02
103524	Composite MDF Door Up To 2'6" X 7' – Prehung Includes frame and hinges	EA	\$104.66	\$141.20	\$0.00	\$245.86
103525	Composite MDF Door Up To 3' X 7' – Prehung Includes frame and hinges	EA	\$104.66	\$145.12	\$0.00	\$249.78
103526	Composite MDF Door Up To 3'6" X 7' – Prehung Includes frame and hinges	EA	\$104.66	\$152.96	\$0.00	\$257.62
103527	Composite MDF Door Up To 4' X 7' – Prehung Includes frame and hinges	EA	\$120.30	\$176.50	\$0.00	\$296.80
103528	Solid Core Wood Door Up To 2' X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$376.13	\$0.00	\$506.95
103529	Solid Core Wood Door Up To 2'6" X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$398.25	\$0.00	\$529.07
103530	Solid Core Wood Door Up To 3' X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$409.32	\$0.00	\$540.14
103531	Solid Core Wood Door Up To 3'6" X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$431.43	\$0.00	\$562.25

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		Units	Labor	Material	Equipment	Total
103532	Solid Core Wood Door Up To 4' X 8' Hardwood Veneer Stain Grade	EA	\$156.20	\$497.82	\$0.00	\$654.02
103533	Solid Core Wood Door Up To 2' X 8' Paint grade	EA	\$130.82	\$300.90	\$0.00	\$431.72
103534	Solid Core Wood Door Up To 2'6" X 8' Paint grade	EA	\$130.82	\$318.60	\$0.00	\$449.42
103535	Solid Core Wood Door Up To 3' X 8' Paint grade	EA	\$130.82	\$327.45	\$0.00	\$458.27
103536	Solid Core Wood Door Up To 3'6" X 8' Paint grade	EA	\$130.82	\$345.15	\$0.00	\$475.97
103537	Solid Core Wood Door Up To 4' X 8' Paint grade	EA	\$156.20	\$398.25	\$0.00	\$554.45
103538	Hollow Core Wood Door Up To 2' X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$244.48	\$0.00	\$375.30
103539	Hollow Core Wood Door Up To 2'6" X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$258.87	\$0.00	\$389.69
103540	Hollow Core Wood Door Up To 3' X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$266.06	\$0.00	\$396.88
103541	Hollow Core Wood Door Up To 3'6" X 8' Hardwood Veneer Stain Grade	EA	\$130.82	\$280.43	\$0.00	\$411.25
103542	Hollow Core Wood Door Up To 4' X 8' Hardwood Veneer Stain Grade	EA	\$156.20	\$323.57	\$0.00	\$479.77
103543	Hollow Core Wood Door Up To 2' X 8' Paint grade	EA	\$130.82	\$195.59	\$0.00	\$326.41
103544	Hollow Core Wood Door Up To 2'6" X 8' Paint grade	EA	\$130.82	\$207.08	\$0.00	\$337.90
103545	Hollow Core Wood Door Up To 3' X 8' Paint grade	EA	\$130.82	\$212.84	\$0.00	\$343.66
103546	Hollow Core Wood Door Up To 3'6" X 8' Paint grade	EA	\$130.82	\$224.34	\$0.00	\$355.16
103547	Hollow Core Wood Door Up To 4' X 8' Paint grade	EA	\$156.20	\$258.87	\$0.00	\$415.07
103548	Solid Core Wood Door Up To 2' X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$282.10	\$0.00	\$386.76
103549	Solid Core Wood Door Up To 2'6" X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$298.69	\$0.00	\$403.35
103550	Solid Core Wood Door Up To 3' X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$306.98	\$0.00	\$411.64

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		Units	Labor	Material	Equipment	Total
103551	Solid Core Wood Door Up To 3'6" X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$323.57	\$0.00	\$428.23
103552	Solid Core Wood Door Up To 4' X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$120.30	\$373.36	\$0.00	\$493.66
103553	Solid Core Wood Door Up To 2' X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$225.67	\$0.00	\$330.33
103554	Solid Core Wood Door Up To 2'6" X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$238.95	\$0.00	\$343.61
103555	Solid Core Wood Door Up To 3' X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$245.59	\$0.00	\$350.25
103556	Solid Core Wood Door Up To 3'6" X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$258.85	\$0.00	\$363.51
103557	Solid Core Wood Door Up To 4' X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$120.30	\$298.69	\$0.00	\$418.99
103558	Hollow Core Wood Door Up To 2' X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$183.36	\$0.00	\$288.02
103559	Hollow Core Wood Door Up To 2'6" X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$194.15	\$0.00	\$298.81
103560	Hollow Core Wood Door Up To 3' X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$199.54	\$0.00	\$304.20
103561	Hollow Core Wood Door Up To 3'6" X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$104.66	\$210.33	\$0.00	\$314.99
103562	Hollow Core Wood Door Up To 4' X 8' – Prehung Hardwood Veneer Stain Grade. Includes frame and hinges	EA	\$120.30	\$242.68	\$0.00	\$362.98
103563	Hollow Core Wood Door Up To 2' X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$146.69	\$0.00	\$251.35
103564	Hollow Core Wood Door Up To 2'6" X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$155.31	\$0.00	\$259.97
103565	Hollow Core Wood Door Up To 3' X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$159.63	\$0.00	\$264.29

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		Units	Labor	Material	Equipment	Total
103566	Hollow Core Wood Door Up To 3'6" X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$104.66	\$168.26	\$0.00	\$272.92
103567	Hollow Core Wood Door Up To 4' X 8' – Prehung Paint grade. Includes frame and hinges	EA	\$120.30	\$194.15	\$0.00	\$314.45
103568	Composite MDF Door Up To 2' X 8' – Prehung Includes frame and hinges	EA	\$104.66	\$146.69	\$0.00	\$251.35
103569	Composite MDF Door Up To 2'6" X 8' – Prehung Includes frame and hinges	EA	\$104.66	\$155.31	\$0.00	\$259.97
103570	Composite MDF Door Up To 3' X 8' – Prehung Includes frame and hinges	EA	\$104.66	\$159.63	\$0.00	\$264.29
103571	Composite MDF Door Up To 3'6" X 8' – Prehung Includes frame and hinges	EA	\$104.66	\$168.26	\$0.00	\$272.92
103572	Composite MDF Door Up To 4' X 8' – Prehung Includes frame and hinges	EA	\$120.30	\$194.15	\$0.00	\$314.45
103573	Torrefied Doors Up To 3'0" x 7'0"	EA	\$130.84	\$1,706.60	\$0.00	\$1,837.44
103574	Torrefied Doors Up To 3'0" x 6'8"	EA	\$130.84	\$1,593.18	\$0.00	\$1,724.02
103575	Wood French Door Up to 8'0" Wide Includes Door Lites	EA	\$523.30	\$1,356.80	\$0.00	\$1,880.10
103576	[Modifier] 60-Min Door Rating)	EA	\$0.00	\$67.34	\$0.00	\$67.34
103577	[Modifier] 90-Min Door Rating)	EA	\$0.00	\$134.68	\$0.00	\$134.68
103578	[Modifier] Rift, Quarter Sawn, or Book Matched	EA	\$0.00	\$42.40	\$0.00	\$42.40
103579	[Modifier] Raised Door Panels Includes any number of raised panels	EA	\$0.00	\$42.40	\$0.00	\$42.40
103580	[Modifier] Door Louvers- Metal	SF	\$0.00	\$15.90	\$0.00	\$15.90
103581	[Modifier] Door Louvers- Wood	SF	\$0.00	\$21.20	\$0.00	\$21.20
103582	[Modifier] Door Light Includes factory installation of a standard clear up to 90 minute rated glazing unit into a door slab.	SF	\$0.00	\$21.20	\$0.00	\$21.20

08-15-00 Plastic Doors

08-15-00 Plastic Doors

103583	Plastic Faced Door (Standard) 2' X 6'8" – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$452.55	\$0.00	\$583.37
103584	Plastic Faced Door (Standard) 2'6" X 6'8" – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$477.70	\$0.00	\$608.52
103585	Plastic Faced Door (Standard) 3' X 6'8" – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$502.84	\$0.00	\$633.66

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		Units	Labor	Material	Equipment	Total
103586	Plastic Faced Door (Standard) 3'6" X 6'8" – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$551.20	\$0.00	\$682.02
103587	Plastic Faced Door (Standard) 4' X 6'8" – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$156.20	\$636.00	\$0.00	\$792.20
103588	Plastic Faced Door (Premium) 2' X 6'8" – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$641.50	\$0.00	\$772.32
103589	Plastic Faced Door (Premium) 2'6" X 6'8" – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$677.13	\$0.00	\$807.95
103590	Plastic Faced Door (Premium) 3' X 6'8" – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$712.77	\$0.00	\$843.59
103591	Plastic Faced Door (Premium) 3'6" X 6'8" – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$781.33	\$0.00	\$912.15
103592	Plastic Faced Door (Premium) 4' X 6'8" – Laminate Thickness .059" Acrovyn or equal	EA	\$156.20	\$901.54	\$0.00	\$1,057.74
103593	Plastic Faced Door (Standard) 2' X 7' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$475.18	\$0.00	\$606.00
103594	Plastic Faced Door (Standard) 2'6" X 7' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$501.58	\$0.00	\$632.40
103595	Plastic Faced Door (Standard) 3' X 7' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$527.99	\$0.00	\$658.81
103596	Plastic Faced Door (Standard) 3'6" X 7' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$578.76	\$0.00	\$709.58
103597	Plastic Faced Door (Standard) 4' X 7' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$156.20	\$667.80	\$0.00	\$824.00
103598	Plastic Faced Door (Premium) 2' X 7' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$673.57	\$0.00	\$804.39
103599	Plastic Faced Door (Premium) 2'6" X 7' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$710.99	\$0.00	\$841.81

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		Units	Labor	Material	Equipment	Total
103600	Plastic Faced Door (Premium) 3' X 7' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$748.41	\$0.00	\$879.23
103601	Plastic Faced Door (Premium) 3'6" X 7' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$820.39	\$0.00	\$951.21
103602	Plastic Faced Door (Premium) 4' X 7' – Laminate Thickness .059" Acrovyn or equal	EA	\$156.20	\$946.60	\$0.00	\$1,102.80
103603	Plastic Faced Door (Standard) 2' X 8' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$522.71	\$0.00	\$653.53
103604	Plastic Faced Door (Standard) 2'6" X 8' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$551.74	\$0.00	\$682.56
103605	Plastic Faced Door (Standard) 3' X 8' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$580.78	\$0.00	\$711.60
103606	Plastic Faced Door (Standard) 3'6" X 8' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$130.82	\$636.63	\$0.00	\$767.45
103607	Plastic Faced Door (Standard) 4' X 8' – Laminate Thickness .048" Wilsonart, Formica, Pionite, or equal	EA	\$156.20	\$734.58	\$0.00	\$890.78
103608	Plastic Faced Door (Premium) 2' X 8' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$740.93	\$0.00	\$871.75
103609	Plastic Faced Door (Premium) 2'6" X 8' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$782.09	\$0.00	\$912.91
103610	Plastic Faced Door (Premium) 3' X 8' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$823.25	\$0.00	\$954.07
103611	Plastic Faced Door (Premium) 3'6" X 8' – Laminate Thickness .059" Acrovyn or equal	EA	\$130.82	\$902.43	\$0.00	\$1,033.25
103612	Plastic Faced Door (Premium) 4' X 8' – Laminate Thickness .059" Acrovyn or equal	EA	\$156.20	\$1,041.27	\$0.00	\$1,197.47
103613	[Modifier] 60-Min Door Rating	EA	\$0.00	\$67.34	\$0.00	\$67.34
103614	[Modifier] 90-Min Door Rating	EA	\$0.00	\$134.68	\$0.00	\$134.68
103615	[Modifier] Raised Door Panels Includes any number of raised panels	EA	\$0.00	\$42.40	\$0.00	\$42.40
103616	[Modifier] Door Louvers- Metal	SF	\$0.00	\$15.90	\$0.00	\$15.90
103617	[Modifier] Door Louvers- Wood	SF	\$0.00	\$21.20	\$0.00	\$21.20
103618	[Modifier] Door Light Includes factory installation of a standard clear up to 90 minute rated glazing unit into a door slab.	SF	\$0.00	\$21.20	\$0.00	\$21.20

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		Units	Labor	Material	Equipment	Total
08-15-16 Solid Plastic Doors						
103619	FRP Door 3' X 6'8" Pebble grain finish, prepped for hardware	EA	\$237.54	\$1,840.17	\$0.00	\$2,077.71
103620	FRP Door 3'6" X 6'8" Pebble grain finish, prepped for hardware	EA	\$237.54	\$1,932.16	\$0.00	\$2,169.70
103621	FRP Door 3' X 7' Pebble grain finish, prepped for hardware	EA	\$237.54	\$1,932.16	\$0.00	\$2,169.70
103622	FRP Door 3'6" X 7' Pebble grain finish, prepped for hardware	EA	\$237.54	\$2,029.27	\$0.00	\$2,266.81
08-30-00 Specialty Doors and Frames						
08-31-00 Access Doors and Panels						
08-31-00 Access Doors and Panels						
103623	Access Door Up To 8" X 8" Uninsulated Steel Powder Coated Fire Rated	EA	\$52.32	\$106.00	\$0.00	\$158.32
103624	Access Door Up To 12" X 12" Uninsulated Steel Powder Coated Fire Rated	EA	\$52.32	\$119.25	\$0.00	\$171.57
103625	Access Door Up To 14" X 14" Uninsulated Steel Powder Coated Fire Rated	EA	\$52.32	\$132.51	\$0.00	\$184.83
103626	Access Door Up To 18" X 18" Uninsulated Steel Powder Coated Fire Rated	EA	\$52.32	\$172.24	\$0.00	\$224.56
103627	Access Door Up To 24" X 24" Uninsulated Steel Powder Coated Fire Rated	EA	\$52.32	\$205.38	\$0.00	\$257.70
103628	Access Door Up To 30" X 30" Uninsulated Steel Powder Coated Fire Rated	EA	\$65.41	\$304.75	\$0.00	\$370.16
103629	Access Door Up To 36" X 36" Uninsulated Steel Powder Coated Fire Rated	EA	\$65.41	\$463.76	\$0.00	\$529.17
103630	Access Door Up To 48" X 48" Uninsulated Steel Powder Coated Fire Rated	EA	\$65.41	\$993.75	\$0.00	\$1,059.16
103631	Access Door Up To 8" X 8" Uninsulated Steel Powder Coated Non Rated	EA	\$52.32	\$42.40	\$0.00	\$94.72
103632	Access Door Up To 12" X 12" Uninsulated Steel Powder Coated Non Rated	EA	\$52.32	\$47.70	\$0.00	\$100.02
103633	Access Door Up To 14" X 14" Uninsulated Steel Powder Coated Non Rated	EA	\$52.32	\$53.00	\$0.00	\$105.32
103634	Access Door Up To 18" X 18" Uninsulated Steel Powder Coated Non Rated	EA	\$52.32	\$68.90	\$0.00	\$121.22
103635	Access Door Up To 24" X 24" Uninsulated Steel Powder Coated Non Rated	EA	\$52.32	\$82.15	\$0.00	\$134.47
103636	Access Door Up To 30" X 30" Uninsulated Steel Powder Coated Non Rated	EA	\$65.41	\$121.90	\$0.00	\$187.31

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		Units	Labor	Material	Equipment	Total
103637	Access Door Up To 36" X 36" Uninsulated Steel Powder Coated Non Rated	EA	\$65.41	\$185.50	\$0.00	\$250.91
103638	Access Door Up To 48" X 48" Uninsulated Steel Powder Coated Non Rated	EA	\$65.41	\$397.50	\$0.00	\$462.91
103639	Access Door Up To 8" X 8" Insulated Steel Powder Coated Fire Rated	EA	\$52.32	\$143.10	\$0.00	\$195.42
103640	Access Door Up To 12" X 12" Insulated Steel Powder Coated Fire Rated	EA	\$52.32	\$160.98	\$0.00	\$213.30
103641	Access Door Up To 14" X 14" Insulated Steel Powder Coated Fire Rated	EA	\$52.32	\$178.88	\$0.00	\$231.20
103642	Access Door Up To 18" X 18" Insulated Steel Powder Coated Fire Rated	EA	\$52.32	\$232.54	\$0.00	\$284.86
103643	Access Door Up To 24" X 24" Insulated Steel Powder Coated Fire Rated	EA	\$52.32	\$277.26	\$0.00	\$329.58
103644	Access Door Up To 30" X 30" Insulated Steel Powder Coated Fire Rated	EA	\$65.41	\$411.41	\$0.00	\$476.82
103645	Access Door Up To 36" X 36" Insulated Steel Powder Coated Fire Rated	EA	\$65.41	\$626.07	\$0.00	\$691.48
103646	Access Door Up To 48" X 48" Insulated Steel Powder Coated Fire Rated	EA	\$65.41	\$1,341.56	\$0.00	\$1,406.97
103647	Access Door Up To 8" X 8" Insulated Steel Powder Coated Non Rated	EA	\$52.32	\$57.24	\$0.00	\$109.56
103648	Access Door Up To 12" X 12" Insulated Steel Powder Coated Non Rated	EA	\$52.32	\$64.40	\$0.00	\$116.72
103649	Access Door Up To 14" X 14" Insulated Steel Powder Coated Non Rated	EA	\$52.32	\$71.56	\$0.00	\$123.88
103650	Access Door Up To 18" X 18" Insulated Steel Powder Coated Non Rated	EA	\$52.32	\$93.01	\$0.00	\$145.33
103651	Access Door Up To 24" X 24" Insulated Steel Powder Coated Non Rated	EA	\$52.32	\$110.90	\$0.00	\$163.22
103652	Access Door Up To 30" X 30" Insulated Steel Powder Coated Non Rated	EA	\$65.41	\$164.56	\$0.00	\$229.97
103653	Access Door Up To 36" X 36" Insulated Steel Powder Coated Non Rated	EA	\$65.41	\$250.43	\$0.00	\$315.84
103654	Access Door Up To 48" X 48" Insulated Steel Powder Coated Non Rated	EA	\$65.41	\$536.63	\$0.00	\$602.04
103655	Access Door Up To 8" X 8" Uninsulated Steel Paint Grade Fire Rated	EA	\$52.32	\$95.40	\$0.00	\$147.72
103656	Access Door Up To 12" X 12" Uninsulated Steel Paint Grade Fire Rated	EA	\$52.32	\$107.32	\$0.00	\$159.64

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		Units	Labor	Material	Equipment	Total
103657	Access Door Up To 14" X 14" Uninsulated Steel Paint Grade Fire Rated	EA	\$52.32	\$119.25	\$0.00	\$171.57
103658	Access Door Up To 18" X 18" Uninsulated Steel Paint Grade Fire Rated	EA	\$52.32	\$155.02	\$0.00	\$207.34
103659	Access Door Up To 24" X 24" Uninsulated Steel Paint Grade Fire Rated	EA	\$52.32	\$184.84	\$0.00	\$237.16
103660	Access Door Up To 30" X 30" Uninsulated Steel Paint Grade Fire Rated	EA	\$65.41	\$274.28	\$0.00	\$339.69
103661	Access Door Up To 36" X 36" Uninsulated Steel Paint Grade Fire Rated	EA	\$65.41	\$417.37	\$0.00	\$482.78
103662	Access Door Up To 48" X 48" Uninsulated Steel Paint Grade Fire Rated	EA	\$65.41	\$894.38	\$0.00	\$959.79
103663	Access Door Up To 8" X 8" Uninsulated Steel Paint Grade Non Rated	EA	\$52.32	\$38.15	\$0.00	\$90.47
103664	Access Door Up To 12" X 12" Uninsulated Steel Paint Grade Non Rated	EA	\$52.32	\$42.93	\$0.00	\$95.25
103665	Access Door Up To 14" X 14" Uninsulated Steel Paint Grade Non Rated	EA	\$52.32	\$47.70	\$0.00	\$100.02
103666	Access Door Up To 18" X 18" Uninsulated Steel Paint Grade Non Rated	EA	\$52.32	\$62.01	\$0.00	\$114.33
103667	Access Door Up To 24" X 24" Uninsulated Steel Paint Grade Non Rated	EA	\$52.32	\$73.93	\$0.00	\$126.25
103668	Access Door Up To 30" X 30" Uninsulated Steel Paint Grade Non Rated	EA	\$65.41	\$109.71	\$0.00	\$175.12
103669	Access Door Up To 36" X 36" Uninsulated Steel Paint Grade Non Rated	EA	\$65.41	\$166.95	\$0.00	\$232.36
103670	Access Door Up To 48" X 48" Uninsulated Steel Paint Grade Non Rated	EA	\$65.41	\$357.75	\$0.00	\$423.16
103671	Access Door Up To 8" X 8" Insulated Steel Paint Grade Fire Rated	EA	\$52.32	\$128.79	\$0.00	\$181.11
103672	Access Door Up To 12" X 12" Insulated Steel Paint Grade Fire Rated	EA	\$52.32	\$144.89	\$0.00	\$197.21
103673	Access Door Up To 14" X 14" Insulated Steel Paint Grade Fire Rated	EA	\$52.32	\$160.98	\$0.00	\$213.30
103674	Access Door Up To 18" X 18" Insulated Steel Paint Grade Fire Rated	EA	\$52.32	\$209.29	\$0.00	\$261.61
103675	Access Door Up To 24" X 24" Insulated Steel Paint Grade Fire Rated	EA	\$52.32	\$249.53	\$0.00	\$301.85
103676	Access Door Up To 30" X 30" Insulated Steel Paint Grade Fire Rated	EA	\$65.41	\$370.27	\$0.00	\$435.68

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		Units	Labor	Material	Equipment	Total
103677	Access Door Up To 36" X 36" Insulated Steel Paint Grade Fire Rated	EA	\$65.41	\$563.46	\$0.00	\$628.87
103678	Access Door Up To 48" X 48" Insulated Steel Paint Grade Fire Rated	EA	\$65.41	\$1,207.41	\$0.00	\$1,272.82
103679	Access Door Up To 8" X 8" Insulated Steel Paint Grade Non Rated	EA	\$52.32	\$51.51	\$0.00	\$103.83
103680	Access Door Up To 12" X 12" Insulated Steel Paint Grade Non Rated	EA	\$52.32	\$57.95	\$0.00	\$110.27
103681	Access Door Up To 14" X 14" Insulated Steel Paint Grade Non Rated	EA	\$52.32	\$64.40	\$0.00	\$116.72
103682	Access Door Up To 18" X 18" Insulated Steel Paint Grade Non Rated	EA	\$52.32	\$83.71	\$0.00	\$136.03
103683	Access Door Up To 24" X 24" Insulated Steel Paint Grade Non Rated	EA	\$52.32	\$99.81	\$0.00	\$152.13
103684	Access Door Up To 30" X 30" Insulated Steel Paint Grade Non Rated	EA	\$65.41	\$148.11	\$0.00	\$213.52
103685	Access Door Up To 36" X 36" Insulated Steel Paint Grade Non Rated	EA	\$65.41	\$225.38	\$0.00	\$290.79
103686	Access Door Up To 48" X 48" Insulated Steel Paint Grade Non Rated	EA	\$65.41	\$482.97	\$0.00	\$548.38
103687	Access Door Up To 8" X 8" Uninsulated Stainless Steel Non Rated	EA	\$52.32	\$84.79	\$0.00	\$137.11
103688	Access Door Up To 12" X 12" Uninsulated Stainless Steel Non Rated	EA	\$52.32	\$95.40	\$0.00	\$147.72
103689	Access Door Up To 14" X 14" Uninsulated Stainless Steel Non Rated	EA	\$52.32	\$106.00	\$0.00	\$158.32
103690	Access Door Up To 18" X 18" Uninsulated Stainless Steel Non Rated	EA	\$52.32	\$137.80	\$0.00	\$190.12
103691	Access Door Up To 24" X 24" Uninsulated Stainless Steel Non Rated	EA	\$52.32	\$164.30	\$0.00	\$216.62
103692	Access Door Up To 30" X 30" Uninsulated Stainless Steel Non Rated	EA	\$65.41	\$243.80	\$0.00	\$309.21
103693	Access Door Up To 36" X 36" Uninsulated Stainless Steel Non Rated	EA	\$65.41	\$371.00	\$0.00	\$436.41
103694	Access Door Up To 48" X 48" Uninsulated Stainless Steel Non Rated	EA	\$65.41	\$795.00	\$0.00	\$860.41
103695	Access Door Up To 8" X 8" Uninsulated Stainless Steel Fire Rated	EA	\$52.32	\$212.00	\$0.00	\$264.32
103696	Access Door Up To 12" X 12" Uninsulated Stainless Steel Fire Rated	EA	\$52.32	\$238.50	\$0.00	\$290.82

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		Units	Labor	Material	Equipment	Total
103697	Access Door Up To 14" X 14" Uninsulated Stainless Steel Fire Rated	EA	\$52.32	\$265.00	\$0.00	\$317.32
103698	Access Door Up To 18" X 18" Uninsulated Stainless Steel Fire Rated	EA	\$52.32	\$344.50	\$0.00	\$396.82
103699	Access Door Up To 24" X 24" Uninsulated Stainless Steel Fire Rated	EA	\$52.32	\$410.75	\$0.00	\$463.07
103700	Access Door Up To 30" X 30" Uninsulated Stainless Steel Fire Rated	EA	\$65.41	\$609.50	\$0.00	\$674.91
103701	Access Door Up To 36" X 36" Uninsulated Stainless Steel Fire Rated	EA	\$65.41	\$927.50	\$0.00	\$992.91
103702	Access Door Up To 48" X 48" Uninsulated Stainless Steel Fire Rated	EA	\$65.41	\$1,987.49	\$0.00	\$2,052.90
103703	Access Door Up To 8" X 8" Insulated Stainless Steel Non Rated	EA	\$52.32	\$114.48	\$0.00	\$166.80
103704	Access Door Up To 12" X 12" Insulated Stainless Steel Non Rated	EA	\$52.32	\$128.79	\$0.00	\$181.11
103705	Access Door Up To 14" X 14" Insulated Stainless Steel Non Rated	EA	\$52.32	\$143.10	\$0.00	\$195.42
103706	Access Door Up To 18" X 18" Insulated Stainless Steel Non Rated	EA	\$52.32	\$186.03	\$0.00	\$238.35
103707	Access Door Up To 24" X 24" Insulated Stainless Steel Non Rated	EA	\$52.32	\$221.81	\$0.00	\$274.13
103708	Access Door Up To 30" X 30" Insulated Stainless Steel Non Rated	EA	\$65.41	\$329.13	\$0.00	\$394.54
103709	Access Door Up To 36" X 36" Insulated Stainless Steel Non Rated	EA	\$65.41	\$500.85	\$0.00	\$566.26
103710	Access Door Up To 48" X 48" Insulated Stainless Steel Non Rated	EA	\$65.41	\$1,073.24	\$0.00	\$1,138.65
103711	Access Door Up To 8" X 8" Insulated Stainless Steel Fire Rated	EA	\$52.32	\$286.20	\$0.00	\$338.52
103712	Access Door Up To 12" X 12" Insulated Stainless Steel Fire Rated	EA	\$52.32	\$321.97	\$0.00	\$374.29
103713	Access Door Up To 14" X 14" Insulated Stainless Steel Fire Rated	EA	\$52.32	\$357.75	\$0.00	\$410.07
103714	Access Door Up To 18" X 18" Insulated Stainless Steel Fire Rated	EA	\$52.32	\$465.07	\$0.00	\$517.39
103715	Access Door Up To 24" X 24" Insulated Stainless Steel Fire Rated	EA	\$52.32	\$554.51	\$0.00	\$606.83
103716	Access Door Up To 30" X 30" Insulated Stainless Steel Fire Rated	EA	\$65.41	\$822.82	\$0.00	\$888.23

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		Units	Labor	Material	Equipment	Total
103717	Access Door Up To 36" X 36" Insulated Stainless Steel Fire Rated	EA	\$65.41	\$1,252.12	\$0.00	\$1,317.53
103718	Access Door Up To 48" X 48" Insulated Stainless Steel Fire Rated	EA	\$65.41	\$2,683.13	\$0.00	\$2,748.54
103719	[Modifier] Lockable Includes lockset	EA	\$0.00	\$371.00	\$0.00	\$371.00

08-32-00 Sliding Glass Doors

Track mounted solid rail, fully glazed doors. Includes weatherstripping for exterior use or sound at interior use.

08-32-00 Sliding Glass Doors

Track mounted solid rail, fully glazed doors. Includes weatherstripping for exterior use or sound at interior use.

103720	Sliding Glass Door – Exterior Commercial Includes all hardware, tracks, thermal glazing system, fasteners & frame	SF	\$24.75	\$68.70	\$0.00	\$93.45
103721	Sliding Glass Door – Interior Commercial Includes all hardware, tracks, non thermal glazing system, fasteners & frame	SF	\$22.51	\$54.96	\$0.00	\$77.47
103722	Sliding Glass Door – Exterior Residential Includes all hardware, tracks, thermal glazing system, fasteners & frame	SF	\$20.63	\$48.09	\$0.00	\$68.72
103723	Sliding Glass Door – Interior Residential Includes all hardware, tracks, non thermal glazing system, fasteners & frame	SF	\$18.76	\$38.47	\$0.00	\$57.23
103724	Glass Bi-Fold Door System – NanaWall Or Equal Includes Bi-Fold doors, track, hardware, non thermal glazing system, and frame	SF	\$52.67	\$132.51	\$0.00	\$185.18

08-33-00 Coiling Doors and Grilles

Includes all hardware, tracks, fasteners, and frame

08-33-00 Coiling Doors and Grilles

Includes all hardware, tracks, fasteners, and frame

103725	Roll Up Security Grille Powder Coated Steel – Manual	SF	\$18.69	\$27.35	\$0.00	\$46.04
103726	Roll Up Security Grille Aluminum – Manual	SF	\$18.69	\$32.18	\$0.00	\$50.87
103727	Roll Up Security Grille Stainless Steel – Manual	SF	\$18.69	\$64.36	\$0.00	\$83.05
103728	Fire Shutter Powder Coated Steel – 45 Minute Rating Integral automatic door closure	SF	\$18.69	\$41.34	\$0.00	\$60.03
103729	Fire Shutter Powder Coated Steel – 90 Minute Rating Integral automatic door closure	SF	\$18.69	\$47.54	\$0.00	\$66.23
103730	Fire Shutter Powder Coated Steel – 3 Hour Rating Integral automatic door closure	SF	\$18.69	\$53.73	\$0.00	\$72.42
103731	Fire Shutter Aluminum – 45 Minute Rating Integral automatic door closure	SF	\$18.69	\$48.64	\$0.00	\$67.33

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		Units	Labor	Material	Equipment	Total
103732	Fire Shutter Aluminum – 90 Minute Rating Integral automatic door closure	SF	\$18.69	\$55.93	\$0.00	\$74.62
103733	Fire Shutter Aluminum – 3 Hour Rating Integral automatic door closure	SF	\$18.69	\$63.22	\$0.00	\$81.91
103734	Fire Shutter Stainless Steel – 45 Minute Rating Integral automatic door closure	SF	\$18.69	\$97.26	\$0.00	\$115.95
103735	Fire Shutter Stainless Steel – 90 Minute Rating Integral automatic door closure	SF	\$18.69	\$111.86	\$0.00	\$130.55
103736	Fire Shutter Stainless Steel – 3 Hour Rating Integral automatic door closure	SF	\$18.69	\$126.45	\$0.00	\$145.14
103737	[Modifier] Motorized Operation and Control	EA	\$0.00	\$720.79	\$0.00	\$720.79
08-33-23 Overhead Coiling Doors						
103738	Overhead Coiling Door Powder Coated Steel – Manual	SF	\$18.69	\$34.99	\$0.00	\$53.68
103739	Overhead Coiling Door Aluminum – Manual	SF	\$18.69	\$41.15	\$0.00	\$59.84
103740	Overhead Coiling Door Stainless Steel – Manual	SF	\$18.69	\$82.29	\$0.00	\$100.98
103741	Overhead Coiling Door Powder Coated Steel – Manual With Insulated Core	SF	\$18.69	\$47.70	\$0.00	\$66.39
103742	Overhead Coiling Door Aluminum – Manual With Insulated Core	SF	\$18.69	\$53.87	\$0.00	\$72.56
103743	Overhead Coiling Door Stainless Steel – Manual With Insulated Core	SF	\$18.69	\$95.02	\$0.00	\$113.71
103744	Overhead Door - Audio/Visual Alarm and Timer	EA	\$233.36	\$554.38	\$0.00	\$787.74
103745	Overhead Door - Optical Safety Edge	EA	\$116.68	\$581.94	\$0.00	\$698.62
103746	Overhead Door - Radio Control for Door Operation	EA	\$116.68	\$50.88	\$1.46	\$169.02
103747	Overhead Full Curtain Rolling Security Door Door Curtain Slats to be galvanized painted steel, perforated. Electric operators included. Door track, angle guides, operator mounting plates and rolled guides to be galvanized	SF	\$16.69	\$164.69	\$1.46	\$182.84
08-34-00 Special Function Doors						
08-34-00 Special Function Doors						
103748	Radio Frequency Door Single Up To 4' Wide Includes Door, Frame, and Hardware	EA	\$130.82	\$3,264.19	\$0.00	\$3,395.01
103749	Radio Frequency Door Double Up To 8' Wide Includes Door, Frame, and Hardware	EA	\$174.43	\$5,712.32	\$0.00	\$5,886.75

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		Units	Labor	Material	Equipment	Total
103750	Pneumatic Radio Frequency Door Single Up To 4' Wide Includes Door, Frame, and Hardware	EA	\$174.43	\$6,168.27	\$0.00	\$6,342.70
103751	Pneumatic Radio Frequency Door Double Up To 8' Wide Includes Door, Frame, and Hardware	EA	\$261.65	\$10,794.49	\$0.00	\$11,056.14
103752	Lead Lined Door Single Up To 4' Wide	EA	\$130.82	\$1,844.60	\$0.00	\$1,975.42
103753	Lead Lined Door Double Up To 8' Wide	EA	\$174.43	\$3,228.06	\$0.00	\$3,402.49
103754	Lead Lined Frame Single Up To 4' Wide	EA	\$87.22	\$1,130.56	\$0.00	\$1,217.78
103755	Lead Lined Frame Double Up To 8' Wide	EA	\$104.66	\$1,695.85	\$0.00	\$1,800.51
103756	Sound Control Door Single Up To 4' Wide – Soundproof Rooms Includes Door, Frame, and Hardware	EA	\$174.43	\$2,623.50	\$0.00	\$2,797.93
103757	Sound Control Door Double Up To 8' Wide – Soundproof Rooms Includes Door, Frame, and Hardware	EA	\$261.65	\$4,591.12	\$0.00	\$4,852.77
103758	Darkroom Revolving Door Up To 8' Wide Includes Door, Frame, and Hardware	EA	\$523.30	\$1,590.00	\$0.00	\$2,113.30
103759	Hydraulic Bi-Fold Overhead Glass Door Includes Door, Frame, and Hardware. Crown Doors or equal	SF	\$20.93	\$324.36	\$0.00	\$345.29
08-34-53	Security Doors and Frames					
103760	Security Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$953.26	\$0.00	\$1,127.69
103761	Security Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'6" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$1,047.84	\$0.00	\$1,222.27
103762	Security Entrance Storm Door and Frame, Single, Narrow Stile, Up To 4'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$1,152.61	\$0.00	\$1,327.04
103763	Security Entrance Storm Door and Frame, Double, Narrow Stile, Up To 5'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$1,548.57	\$0.00	\$1,781.15
103764	Security Entrance Storm Door and Frame, Double, Narrow Stile, Up To 6'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$1,703.43	\$0.00	\$1,936.01
103765	Security Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$905.58	\$0.00	\$1,080.01

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		Units	Labor	Material	Equipment	Total
103766	Security Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'6" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$995.45	\$0.00	\$1,169.88
103767	Security Entrance Storm Door and Frame, Single, Medium Stile, Up To 4'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$1,094.99	\$0.00	\$1,269.42
103768	Security Entrance Storm Door and Frame, Double, Medium Stile, Up To 5'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$1,471.14	\$0.00	\$1,703.72
103769	Security Entrance Storm Door and Frame, Double, Medium Stile, Up To 6'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$1,618.26	\$0.00	\$1,850.84
103770	Security Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$860.31	\$0.00	\$1,034.74
103771	Security Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'6" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$945.68	\$0.00	\$1,120.11
103772	Security Entrance Storm Door and Frame, Single, Wide Stile, Up To 4'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$1,040.25	\$0.00	\$1,214.68
103773	Security Entrance Storm Door and Frame, Double, Wide Stile, Up To 5'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$1,397.58	\$0.00	\$1,630.16
103774	Security Entrance Storm Door and Frame, Double, Wide Stile, Up To 6'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$1,537.34	\$0.00	\$1,769.92
103775	Security Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$423.66	\$0.00	\$598.09
103776	Security Entrance Storm Door and Frame, Single, Narrow Stile, Up To 3'6" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$465.71	\$0.00	\$640.14
103777	Security Entrance Storm Door and Frame, Single, Narrow Stile, Up To 4'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$512.27	\$0.00	\$686.70
103778	Security Entrance Storm Door and Frame, Double, Narrow Stile, Up To 5'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$688.26	\$0.00	\$920.84
103779	Security Entrance Storm Door and Frame, Double, Narrow Stile, Up To 6'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$757.08	\$0.00	\$989.66

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		Units	Labor	Material	Equipment	Total
103780	Security Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$402.49	\$0.00	\$576.92
103781	Security Entrance Storm Door and Frame, Single, Medium Stile, Up To 3'6" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$442.42	\$0.00	\$616.85
103782	Security Entrance Storm Door and Frame, Single, Medium Stile, Up To 4'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$486.66	\$0.00	\$661.09
103783	Security Entrance Storm Door and Frame, Double, Medium Stile, Up To 5'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$653.85	\$0.00	\$886.43
103784	Security Entrance Storm Door and Frame, Double, Medium Stile, Up To 6'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$719.22	\$0.00	\$951.80
103785	Security Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$382.36	\$0.00	\$556.79
103786	Security Entrance Storm Door and Frame, Single, Wide Stile, Up To 3'6" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$420.30	\$0.00	\$594.73
103787	Security Entrance Storm Door and Frame, Single, Wide Stile, Up To 4'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$462.33	\$0.00	\$636.76
103788	Security Entrance Storm Door and Frame, Double, Wide Stile, Up To 5'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$621.15	\$0.00	\$853.73
103789	Security Entrance Storm Door and Frame, Double, Wide Stile, Up To 6'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$232.58	\$683.26	\$0.00	\$915.84
103790	Security Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$476.63	\$0.00	\$616.18
103791	Security Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'6" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$523.91	\$0.00	\$663.46
103792	Security Entrance Screen Door and Frame, Single, Narrow Stile, Up To 4'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$576.31	\$0.00	\$715.86
103793	Security Entrance Screen Door and Frame, Double, Narrow Stile, Up To 5'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$774.28	\$0.00	\$948.71

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		Units	Labor	Material	Equipment	Total
103794	Security Entrance Screen Door and Frame, Double, Narrow Stile, Up To 6'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$851.72	\$0.00	\$1,026.15
103795	Security Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$452.80	\$0.00	\$592.35
103796	Security Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'6" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$497.72	\$0.00	\$637.27
103797	Security Entrance Screen Door and Frame, Single, Medium Stile, Up To 4'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$547.49	\$0.00	\$687.04
103798	Security Entrance Screen Door and Frame, Double, Medium Stile, Up To 5'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$735.57	\$0.00	\$910.00
103799	Security Entrance Screen Door and Frame, Double, Medium Stile, Up To 6'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$809.14	\$0.00	\$983.57
103800	Security Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$430.16	\$0.00	\$569.71
103801	Security Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'6" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$472.84	\$0.00	\$612.39
103802	Security Entrance Screen Door and Frame, Single, Wide Stile, Up To 4'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$520.12	\$0.00	\$659.67
103803	Security Entrance Screen Door and Frame, Double, Wide Stile, Up To 5'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$698.79	\$0.00	\$873.22
103804	Security Entrance Screen Door and Frame, Double, Wide Stile, Up To 6'0" x 7'0" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$768.68	\$0.00	\$943.11
103805	Security Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$211.84	\$0.00	\$351.39
103806	Security Entrance Screen Door and Frame, Single, Narrow Stile, Up To 3'6" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$232.85	\$0.00	\$372.40
103807	Security Entrance Screen Door and Frame, Single, Narrow Stile, Up To 4'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$256.14	\$0.00	\$395.69

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		Units	Labor	Material	Equipment	Total
103808	Security Entrance Screen Door and Frame, Double, Narrow Stile, Up To 5'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$344.12	\$0.00	\$518.55
103809	Security Entrance Screen Door and Frame, Double, Narrow Stile, Up To 6'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$378.54	\$0.00	\$552.97
103810	Security Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$201.24	\$0.00	\$340.79
103811	Security Entrance Screen Door and Frame, Single, Medium Stile, Up To 3'6" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$221.21	\$0.00	\$360.76
103812	Security Entrance Screen Door and Frame, Single, Medium Stile, Up To 4'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$243.34	\$0.00	\$382.89
103813	Security Entrance Screen Door and Frame, Double, Medium Stile, Up To 5'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$326.92	\$0.00	\$501.35
103814	Security Entrance Screen Door and Frame, Double, Medium Stile, Up To 6'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$359.62	\$0.00	\$534.05
103815	Security Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$191.18	\$0.00	\$330.73
103816	Security Entrance Screen Door and Frame, Single, Wide Stile, Up To 3'6" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$210.16	\$0.00	\$349.71
103817	Security Entrance Screen Door and Frame, Single, Wide Stile, Up To 4'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$139.55	\$231.16	\$0.00	\$370.71
103818	Security Entrance Screen Door and Frame, Double, Wide Stile, Up To 5'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$310.58	\$0.00	\$485.01
103819	Security Entrance Screen Door and Frame, Double, Wide Stile, Up To 6'0" x 6'8" w/ Hardware Up to 16 gauge steel construction	EA	\$174.43	\$341.64	\$0.00	\$516.07
103820	Security Entrance Door and Frame, Single, 2'-6" x 7' w/ Hardware 14 gauge steel construction, hardware includes hinges, mortise locks, closer, kick plates and seals	EA	\$641.02	\$3,746.04	\$0.00	\$4,387.06

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		Units	Labor	Material	Equipment	Total
103821	Steel Detention Door and Frame Single Up To 4' Wide – Medium Security Includes Door, Frame, Hardware, and Lockable Access Door	EA	\$174.43	\$6,360.00	\$0.00	\$6,534.43
103822	Steel Detention Door and Frame Single Up To 4' Wide – Correction Facility Includes door, frame, hinges, closer, pulls and lockset installation. Lockset is not included	EA	\$5,683.89	\$11,585.51	\$0.00	\$17,269.40
103823	Steel Detention Door and Frame Double Up To 8' Wide – Medium Security Includes Door, Frame, Hardware, and Lockable Access Door	EA	\$261.65	\$11,129.99	\$0.00	\$11,391.64
08-34-56 Security Gates						
103824	Chain Link Security Gate – Sliding Up to 9'-0" Tall. Includes all Mesh, hardware, track, frame, and Locking Device. Up to 14 gauge steel webbing	LF	\$17.45	\$84.79	\$0.00	\$102.24
103825	Steel Security Gate – Sliding Up to 9'-0" Tall. Includes all Mesh, hardware, track, frame, and Locking Device. Up to 14 gauge steel webbing	LF	\$17.45	\$190.80	\$0.00	\$208.25
103826	Wood Security Gate – Sliding Up to 9'-0" Tall. Includes, track, hardware, frame, and Locking Device.	LF	\$17.45	\$127.20	\$0.00	\$144.65
08-36-00 Panel Doors						
08-36-13 Sectional Doors						
103827	Sectional Garage Door – Aluminum Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$31.80	\$0.00	\$35.28
103828	Sectional Garage Door – Aluminum With Vision Tiles Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$42.40	\$0.00	\$45.88
103829	Sectional Garage Door – Steel Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$36.57	\$0.00	\$40.05
103830	Sectional Garage Door – Steel With Vision Tiles Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$48.76	\$0.00	\$52.24
103831	Sectional Garage Door – Wood Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$47.70	\$0.00	\$51.18
103832	Sectional Garage Door – Wood With Vision Tiles Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$63.60	\$0.00	\$67.08

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		Units	Labor	Material	Equipment	Total
103833	Sectional Garage Door – Glass Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$79.50	\$0.00	\$82.98
103834	Sectional Garage Door – Glass With Vision Tiles Includes Door, Frame, Track, Pulleys and Hardware	SF	\$3.48	\$106.00	\$0.00	\$109.48
103835	[Modifier] Insulated Tiles	SF	\$0.00	\$5.30	\$0.00	\$5.30
103836	[Modifier] Motorized Operation	EA	\$261.65	\$371.00	\$0.00	\$632.65

08-40-00 Entrances, Storefronts, and Curtain Walls

08-42-00 Entrances

Extruded or Stamped frames and styles. Manual opening, entry or exit rating, heavy duty Grade 1 or equal. Includes hinges, door closer, push plate, door pull, weather stripping, and lockset in a 626 finish or equal. Includes manufactures standard clear anodized or powder coated finish

08-42-00 Entrances

Extruded or Stamped frames and styles. Manual opening, entry or exit rating, heavy duty Grade 1 or equal. Includes hinges, door closer, push plate, door pull, weather stripping, and lockset in a 626 finish or equal. Includes manufactures standard clear anodized or powder coated finish

103837	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 2'0" x 6'8" w/ Hardware	EA	\$398.29	\$1,517.55	\$0.00	\$1,915.84
103838	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$398.29	\$2,276.32	\$0.00	\$2,674.61
103839	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$398.29	\$2,655.71	\$0.00	\$3,054.00
103840	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$398.29	\$3,035.10	\$0.00	\$3,433.39
103841	Aluminum Glass Storefront Door and Frame, Double, Narrow Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$610.71	\$3,082.52	\$0.00	\$3,693.23
103842	Aluminum Glass Storefront Door and Frame, Double, Narrow Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$610.71	\$3,699.03	\$0.00	\$4,309.74
103843	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 2'0" x 6'8" w/ Hardware	EA	\$398.29	\$1,445.28	\$0.00	\$1,843.57
103844	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$398.29	\$2,167.93	\$0.00	\$2,566.22
103845	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$398.29	\$2,529.25	\$0.00	\$2,927.54
103846	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$398.29	\$2,890.58	\$0.00	\$3,288.87
103847	Aluminum Glass Storefront Door and Frame, Double, Medium Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$610.71	\$2,935.74	\$0.00	\$3,546.45
103848	Aluminum Glass Storefront Door and Frame, Double, Medium Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$610.71	\$3,522.89	\$0.00	\$4,133.60
103849	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 2'0" x 6'8" w/ Hardware	EA	\$398.29	\$1,375.09	\$0.00	\$1,773.38

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		Units	Labor	Material	Equipment	Total
103850	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 3'0" x 6'8" w/ Hardware	EA	\$398.29	\$2,059.54	\$0.00	\$2,457.83
103851	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 3'6" x 6'8" w/ Hardware	EA	\$398.29	\$2,402.80	\$0.00	\$2,801.09
103852	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 4'0" x 6'8" w/ Hardware	EA	\$398.29	\$2,746.04	\$0.00	\$3,144.33
103853	Aluminum Glass Storefront Door and Frame, Double, Wide Stile, Up To 5'0" x 6'8" w/ Hardware	EA	\$610.71	\$2,788.95	\$0.00	\$3,399.66
103854	Aluminum Glass Storefront Door and Frame, Double, Wide Stile, Up To 6'0" x 6'8" w/ Hardware	EA	\$610.71	\$3,346.74	\$0.00	\$3,957.45
103855	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 2'0" x 7'0" w/ Hardware	EA	\$398.29	\$2,167.93	\$0.00	\$2,566.22
103856	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$398.29	\$3,251.90	\$0.00	\$3,650.19
103857	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$398.29	\$3,793.88	\$0.00	\$4,192.17
103858	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$398.29	\$4,335.86	\$0.00	\$4,734.15
103859	Aluminum Glass Storefront Door and Frame, Double, Narrow Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$610.71	\$4,403.61	\$0.00	\$5,014.32
103860	Aluminum Glass Storefront Door and Frame, Double, Narrow Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$610.71	\$5,284.33	\$0.00	\$5,895.04
103861	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 2'0" x 7'0" w/ Hardware	EA	\$398.29	\$2,064.69	\$0.00	\$2,462.98
103862	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$398.29	\$3,097.04	\$0.00	\$3,495.33
103863	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$398.29	\$3,613.21	\$0.00	\$4,011.50
103864	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$398.29	\$4,129.39	\$0.00	\$4,527.68
103865	Aluminum Glass Storefront Door and Frame, Double, Medium Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$610.71	\$4,193.91	\$0.00	\$4,804.62
103866	Aluminum Glass Storefront Door and Frame, Double, Medium Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$610.71	\$5,032.69	\$0.00	\$5,643.40
103867	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 2'0" x 7'0" w/ Hardware	EA	\$398.29	\$1,961.46	\$0.00	\$2,359.75
103868	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 3'0" x 7'0" w/ Hardware	EA	\$398.29	\$2,942.19	\$0.00	\$3,340.48

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		Units	Labor	Material	Equipment	Total
103869	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 3'6" x 7'0" w/ Hardware	EA	\$398.29	\$3,432.56	\$0.00	\$3,830.85
103870	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 4'0" x 7'0" w/ Hardware	EA	\$398.29	\$3,922.92	\$0.00	\$4,321.21
103871	Aluminum Glass Storefront Door and Frame, Double, Wide Stile, Up To 5'0" x 7'0" w/ Hardware	EA	\$610.71	\$3,984.22	\$0.00	\$4,594.93
103872	Aluminum Glass Storefront Door and Frame, Double, Wide Stile, Up To 6'0" x 7'0" w/ Hardware	EA	\$610.71	\$4,781.06	\$0.00	\$5,391.77
103873	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 2'0" x 8'0" w/ Hardware	EA	\$398.29	\$2,384.72	\$0.00	\$2,783.01
103874	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 3'0" x 8'0" w/ Hardware	EA	\$398.29	\$3,577.08	\$0.00	\$3,975.37
103875	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 3'6" x 8'0" w/ Hardware	EA	\$398.29	\$4,173.27	\$0.00	\$4,571.56
103876	Aluminum Glass Storefront Door and Frame, Single, Narrow Stile, Up To 4'0" x 8'0" w/ Hardware	EA	\$398.29	\$4,769.45	\$0.00	\$5,167.74
103877	Aluminum Glass Storefront Door and Frame, Double, Narrow Stile, Up To 5'0" x 8'0" w/ Hardware	EA	\$610.71	\$4,843.96	\$0.00	\$5,454.67
103878	Aluminum Glass Storefront Door and Frame, Double, Narrow Stile, Up To 6'0" x 8'0" w/ Hardware	EA	\$610.71	\$5,812.76	\$0.00	\$6,423.47
103879	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 2'0" x 8'0" w/ Hardware	EA	\$398.29	\$2,271.17	\$0.00	\$2,669.46
103880	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 3'0" x 8'0" w/ Hardware	EA	\$398.29	\$3,406.75	\$0.00	\$3,805.04
103881	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 3'6" x 8'0" w/ Hardware	EA	\$398.29	\$3,974.54	\$0.00	\$4,372.83
103882	Aluminum Glass Storefront Door and Frame, Single, Medium Stile, Up To 4'0" x 8'0" w/ Hardware	EA	\$398.29	\$4,542.34	\$0.00	\$4,940.63
103883	Aluminum Glass Storefront Door and Frame, Double, Medium Stile, Up To 5'0" x 8'0" w/ Hardware	EA	\$610.71	\$4,613.31	\$0.00	\$5,224.02
103884	Aluminum Glass Storefront Door and Frame, Double, Medium Stile, Up To 6'0" x 8'0" w/ Hardware	EA	\$610.71	\$5,535.97	\$0.00	\$6,146.68
103885	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 2'0" x 8'0" w/ Hardware	EA	\$398.29	\$2,157.61	\$0.00	\$2,555.90
103886	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 3'0" x 8'0" w/ Hardware	EA	\$398.29	\$3,236.41	\$0.00	\$3,634.70
103887	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 3'6" x 8'0" w/ Hardware	EA	\$398.29	\$3,775.82	\$0.00	\$4,174.11

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		Units	Labor	Material	Equipment	Total
103888	Aluminum Glass Storefront Door and Frame, Single, Wide Stile, Up To 4'0" x 8'0" w/ Hardware	EA	\$398.29	\$4,315.21	\$0.00	\$4,713.50
103889	Aluminum Glass Storefront Door and Frame, Double, Wide Stile, Up To 5'0" x 8'0" w/ Hardware	EA	\$610.71	\$4,382.65	\$0.00	\$4,993.36
103890	Aluminum Glass Storefront Door and Frame, Double, Wide Stile, Up To 6'0" x 8'0" w/ Hardware	EA	\$610.71	\$5,259.17	\$0.00	\$5,869.88
103891	Aluminum Glass Door Side Light	SF	\$15.74	\$31.80	\$0.00	\$47.54
103892	Revolving Door Up To 10' Wide Includes door, frame, and hardware	EA	\$2,633.68	\$37,100.00	\$0.00	\$39,733.68
103893	Stainless Steel Revolving Door Up To 10' Wide Includes door, frame, and hardware	EA	\$2,633.68	\$55,120.00	\$0.00	\$57,753.68
103894	[Modifier] Frameless Door	EA	\$0.00	\$530.00	\$0.00	\$530.00
103895	[Modifier] Panic Device Operational portion of all panic devices to cover half the width of specified door, minimum. Chassis may be longer. Medium stile unless otherwise noted. Fire rating of exit devices by UL or testing agency acceptable to AHJ. All devices are Grade 1 unless otherwise noted. Touch or crash bars finished in satin stainless steel with chassis in satin aluminum, or plated brass/bronze as standard with manufacturer. Touch Bar or Crash Bar	EA	\$74.76	\$265.00	\$0.00	\$339.76
103896	[Modifier] Concealed Panic Device	EA	\$74.76	\$1,047.28	\$0.00	\$1,122.04
103897	[Modifier] Concealed Closer	EA	\$74.76	\$424.00	\$0.00	\$498.76
103898	[Modifier] Pivot Hinge	EA	\$74.76	\$265.00	\$0.00	\$339.76
08-42-29 Automatic Entrances						
103899	Exterior Automatic Auto Bipart Sliding Glass Door w/ Hardware Includes microprocessor, drive system, breakaway ability, motion, and safety sensor system. Stanley Duraglide or equal	SF	\$25.18	\$77.32	\$0.00	\$102.50
08-42-43 Intensive Care Unit/Critical Care Unit Entrances						
103900	ICU / CCU Doors 2 Panels	EA	\$1,399.20	\$2,651.06	\$0.00	\$4,050.26
103901	ICU / CCU Doors 3 Panels	EA	\$1,896.02	\$3,604.00	\$0.00	\$5,500.02
103902	ICU / CCU Doors 4 Panels	EA	\$2,389.50	\$4,523.01	\$0.00	\$6,912.51
103903	[Modifier] Smoke Rating (2 Panel ICU / CCU Door)	EA	\$2,427.36	\$566.04	\$0.00	\$2,993.40
103904	[Modifier] Smoke Rating (3 Panel ICU / CCU Door)	EA	\$2,427.36	\$768.49	\$0.00	\$3,195.85
103905	[Modifier] Smoke Rating (4 Panel ICU / CCU Door)	EA	\$2,427.36	\$965.66	\$0.00	\$3,393.02

08-43-00 Storefronts

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish

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		Units	Labor	Material	Equipment	Total
08-43-00 Storefronts						
<i>All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish</i>						
103906	Exterior Storefront System – Fully Captured, Up To 1" IGU, Up To 5" Mullion Depth	SF	\$21.07	\$51.22	\$0.00	\$72.29
103907	Exterior Storefront System – Fully Captured, Up To 1-1/8" IGU, Up To 6" Mullion Depth	SF	\$21.07	\$63.95	\$0.00	\$85.02
103908	Interior Storefront System – Fully Captured, Up To 1/4" Glazing, Up To 4" Mullion	SF	\$18.06	\$41.97	\$0.00	\$60.03
103909	Interior Storefront System – Fully Captured, Up To 1/2" Glazing, Up To 4" Mullion	SF	\$18.06	\$48.27	\$0.00	\$66.33
103910	Interior Storefront System – Fully Captured, Up To 1/4" Glazing, Up To 5" Mullion	SF	\$18.06	\$48.27	\$0.00	\$66.33
103911	Interior Storefront System – Fully Captured, Up To 1/2" Glazing, Up To 5" Mullion	SF	\$18.06	\$55.51	\$0.00	\$73.57
103912	Interior Storefront System – Butt Glazed, Up To 1/2" Glazing, Up To 4" Mullion	SF	\$18.06	\$57.93	\$0.00	\$75.99
103913	Interior Storefront System – Butt Glazed, Up To 5/8" Glazing, Up To 4" Mullion	SF	\$18.06	\$63.72	\$0.00	\$81.78
103914	Interior Storefront System – Butt Glazed, Up To 1/2" Glazing, Up To 5" Mullion	SF	\$18.06	\$66.62	\$0.00	\$84.68
103915	Interior Storefront System – Butt Glazed, Up To 5/8" Glazing, Up To 5" Mullion	SF	\$18.06	\$73.27	\$0.00	\$91.33
103916	Interior Storefront System – Butt Glazed, Up To 5/8" Glazing, Channel/Shoe Frame	SF	\$18.06	\$80.60	\$0.00	\$98.66
103917	Interior View Window Fixed – Fully Captured, Up To 1/2" Glazing	SF	\$18.06	\$50.47	\$0.00	\$68.53
103918	Interior View Window Sliding – Fully Captured, Up To 1/2" Glazing	SF	\$18.06	\$60.56	\$0.00	\$78.62
103919	Mullion Cap Extension – Up To 6"	LF	\$10.53	\$31.80	\$0.00	\$42.33
103920	Mullion Cap Extension – Up To 12"	LF	\$10.53	\$53.00	\$0.00	\$63.53
103921	Glazing Tint - Storefront Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$2.53	\$5.55	\$0.00	\$8.08
103922	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00

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		Units	Labor	Material	Equipment	Total
103923	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
103924	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
103925	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
103926	[Modifier] Insulated Back Pan Spandrel Panel Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
103927	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
103928	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
103929	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
103930	[Modifier] Electronically Tintable Privacy Glass Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$100.70	\$0.00	\$100.70
103931	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
103932	[Modifier] Quantity Premium - Storefronts (101-500 SF) Quantity premium can be used when total square footage in section 08-43-00 Storefront are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10

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		Units	Labor	Material	Equipment	Total
103933	[Modifier] Quantity Premium - Storefronts (51-100 SF) Quantity premium can be used when total square footage in section 08-43-00 Storefront are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
103934	[Modifier] Quantity Premium - Storefronts (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-43-00 Storefront are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

08-44-00 Curtain Wall and Glazed Assemblies

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish

08-44-00 Curtain Wall and Glazed Assemblies

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish

103935	Exterior Curtain Wall – Fully Captured, Up To 1" IGU, Up To 5" Mullion Depth	SF	\$23.94	\$84.48	\$0.00	\$108.42
103936	Exterior Curtain Wall – Fully Captured, Up To 1-1/8" IGU, Up To 5" Mullion Depth	SF	\$23.94	\$98.00	\$0.00	\$121.94
103937	Exterior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1" IGU, Up To 5" Mullion Depth	SF	\$23.94	\$92.92	\$0.00	\$116.86
103938	Exterior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1-1/8" IGU, Up To 5" Mullion Depth	SF	\$23.94	\$107.80	\$0.00	\$131.74
103939	Exterior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1" IGU, Up To 5" Mullion Depth	SF	\$23.94	\$102.21	\$0.00	\$126.15
103940	Exterior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1-1/8" IGU, Up To 5" Mullion Depth	SF	\$23.94	\$118.57	\$0.00	\$142.51
103941	Exterior Curtain Wall – Fully Captured, Up To 1" IGU, Up To 7.5" Mullion Depth	SF	\$26.34	\$96.00	\$0.00	\$122.34
103942	Exterior Curtain Wall – Fully Captured, Up To 1-1/8" IGU, Up To 7.5" Mullion Depth	SF	\$26.34	\$111.36	\$0.00	\$137.70
103943	Exterior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1" IGU, Up To 7.5" Mullion Depth	SF	\$26.34	\$105.60	\$0.00	\$131.94
103944	Exterior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1-1/8" IGU, Up To 7.5" Mullion Depth	SF	\$26.34	\$122.49	\$0.00	\$148.83
103945	Exterior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1" IGU, Up To 7.5" Mullion Depth	SF	\$26.34	\$116.16	\$0.00	\$142.50

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		Units	Labor	Material	Equipment	Total
103946	Exterior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1-1/8" IGU, Up To 7.5" Mullion Depth	SF	\$26.34	\$134.74	\$0.00	\$161.08
103947	Exterior Curtain Wall – Fully Captured, Up To 1" IGU, Up To 10.5" Mullion Depth	SF	\$29.27	\$110.39	\$0.00	\$139.66
103948	Exterior Curtain Wall – Fully Captured, Up To 1-1/8" IGU, Up To 10.5" Mullion Depth	SF	\$29.27	\$128.06	\$0.00	\$157.33
103949	Exterior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1" IGU, Up To 10.5" Mullion Depth	SF	\$29.27	\$121.44	\$0.00	\$150.71
103950	Exterior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1-1/8" IGU, Up To 10.5" Mullion Depth	SF	\$29.27	\$140.87	\$0.00	\$170.14
103951	Exterior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1" IGU, Up To 10.5" Mullion Depth	SF	\$29.27	\$133.58	\$0.00	\$162.85
103952	Exterior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1-1/8" IGU, Up To 10.5" Mullion Depth	SF	\$29.27	\$154.95	\$0.00	\$184.22
103953	Interior Curtain Wall – Fully Captured, Up To 1" Glazing, Up To 5" Mullion Depth	SF	\$21.94	\$71.63	\$0.00	\$93.57
103954	Interior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1" Glazing, Up To 5" Mullion Depth	SF	\$21.94	\$78.78	\$0.00	\$100.72
103955	Interior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1" Glazing, Up To 5" Mullion Depth	SF	\$21.94	\$86.66	\$0.00	\$108.60
103956	Interior Curtain Wall – Fully Captured, Up To 1" Glazing, Up To 7.5" Mullion Depth	SF	\$23.94	\$81.39	\$0.00	\$105.33
103957	Interior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1" Glazing, Up To 7.5" Mullion Depth	SF	\$23.94	\$89.52	\$0.00	\$113.46
103958	Interior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1" Glazing, Up To 7.5" Mullion Depth	SF	\$23.94	\$98.48	\$0.00	\$122.42
103959	Interior Curtain Wall – Fully Captured, Up To 1" Glazing, Up To 10.5" Mullion Depth	SF	\$26.34	\$93.59	\$0.00	\$119.93
103960	Interior Curtain Wall – Two Side Structural Silicone Glazed, Up To 1" Glazing, Up To 10.5" Mullion Depth	SF	\$26.34	\$102.96	\$0.00	\$129.30
103961	Interior Curtain Wall – Four Side Structural Silicone Glazed, Up To 1" Glazing, Up To 10.5" Mullion Depth	SF	\$26.34	\$113.26	\$0.00	\$139.60
103962	Mullion Cap Extension – Up To 6"	LF	\$10.53	\$31.80	\$0.00	\$42.33

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		Units	Labor	Material	Equipment	Total
103963	Mullion Cap Extension – Up To 12"	LF	\$10.53	\$53.00	\$0.00	\$63.53
103964	Glazing Tint - Curtain Wall Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$2.53	\$5.55	\$0.00	\$8.08
103965	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
103966	Glazing Tint	SF	\$1.92	\$5.55	\$0.00	\$7.47
103967	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
103968	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
103969	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
103970	[Modifier] Insulated Back Pan Spandrel Panel Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
103971	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
103972	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
103973	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
103974	[Modifier] Electronically Tintable Privacy Glass Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$100.70	\$0.00	\$100.70

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		Units	Labor	Material	Equipment	Total
103975	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
103976	[Modifier] Quantity Premium - Curtain Wall and Glazed Assemblies (101-500 SF) Quantity premium can be used when total square footage in section 08-44-00 Curtain Wall and Glazed Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
103977	[Modifier] Quantity Premium - Curtain Wall and Glazed Assemblies (51-100 SF) Quantity premium can be used when total square footage in section 08-44-00 Curtain Wall and Glazed Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
103978	[Modifier] Quantity Premium - Curtain Wall and Glazed Assemblies (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-44-00 Curtain Wall and Glazed Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

08-45-00 Translucent Wall and Roof Assemblies

08-45-00 Translucent Wall and Roof Assemblies

103979	Polycarbonate Cellular Panels, Clear and Framing-Vertical Sunlite or equal. Includes factory formed corners and accessories, hardware, channels, and framing	SF	\$21.07	\$39.43	\$0.00	\$60.50
103980	Translucent Panel System, Panels and Framing-Vertical Kalwall or equal. Includes factory formed corners and accessories, hardware, channels, and framing	SF	\$21.07	\$44.52	\$0.00	\$65.59
103981	Polycarbonate Cellular Panels, Clear and Framing-Horizontal Sunlite or equal. Includes factory formed corners and accessories, hardware, channels, and framing. Typically used for canopies and walkways	SF	\$25.08	\$45.35	\$0.00	\$70.43
103982	Translucent Panel System, Panels and Framing-Horizontal Kalwall or equal. Includes factory formed corners and accessories, hardware, channels, and framing. Typically used for canopies and walkways	SF	\$25.08	\$51.20	\$0.00	\$76.28

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		Units	Labor	Material	Equipment	Total
103983	[Modifier] Curved (Bent) Panels and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$31.80	\$0.00	\$31.80
103984	[Modifier] Quantity Premium - Translucent Wall and Roof Assemblies (101-500 SF) Quantity premium can be used when total square footage in section 08-45-00 Translucent Wall and Roof Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
103985	[Modifier] Quantity Premium - Translucent Wall and Roof Assemblies (51-100 SF) Quantity premium can be used when total square footage in section 08-45-00 Translucent Wall and Roof Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
103986	[Modifier] Quantity Premium - Translucent Wall and Roof Assemblies (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-45-00 Translucent Wall and Roof Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

08-50-00 Windows

08-51-00 Metal Windows

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. With PVDF or equal finish, minimum STC rating of 44, and Buy America compliant

08-51-00 Metal Windows

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. With PVDF or equal finish, minimum STC rating of 44, and Buy America compliant

103987	Metal or Aluminum Window – Up To 1" IGU Double Hung Includes hardware and locks	SF	\$14.87	\$60.41	\$0.00	\$75.28
103988	Metal or Aluminum Window – Up To 1" IGU Casement Includes hardware and locks	SF	\$14.87	\$63.78	\$0.00	\$78.65
103989	Metal or Aluminum Window – Up To 1" IGU Awning Includes hardware and locks	SF	\$14.87	\$67.13	\$0.00	\$82.00
103990	Metal or Aluminum Window – Up To 1" IGU Horizontal Sliding Includes hardware and locks	SF	\$14.87	\$63.78	\$0.00	\$78.65
103991	Metal or Aluminum Window – Up To 1" IGU Fixed	SF	\$14.87	\$56.11	\$0.00	\$70.98
103992	Metal or Aluminum Window Screen	SF	\$0.87	\$1.33	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
103993	Glazing Tint - Metal or Aluminum Window Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$3.76	\$2.91	\$0.00	\$6.67
103994	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
103995	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
103996	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
103997	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
103998	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
103999	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
104000	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
104001	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
104002	[Modifier] Historical Windows	SF	\$18.80	\$106.00	\$0.00	\$124.80
104003	[Modifier] Quantity Premium - Metal Windows (< Or = To 30 SF) Quantity premium can be used when total square footage in section 08-51-00 Metal Windows are within stated quantities. Can be applied cumulatively to base line items.	SF	\$17.56	\$0.00	\$0.00	\$17.56

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		Units	Labor	Material	Equipment	Total
08-52-00 Wood Windows						
<i>All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. With specified finish, minimum STC rating of 44, and Buy America compliant</i>						
08-52-00 Wood Windows						
<i>All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. With specified finish, minimum STC rating of 44, and Buy America compliant</i>						
104004	Wood Window – Up To 1" IGU Double Hung Pine or equal, stained and sealed. Includes hardware and locks	SF	\$14.87	\$65.90	\$0.00	\$80.77
104005	Wood Window – Up To 1" IGU Casement Pine or equal, stained and sealed. Includes hardware and locks	SF	\$14.87	\$69.57	\$0.00	\$84.44
104006	Wood Window – Up To 1" IGU Awning Pine or equal, stained and sealed. Includes hardware and locks	SF	\$14.87	\$73.23	\$0.00	\$88.10
104007	Wood Window – Up To 1" IGU Horizontal Sliding Pine or equal, stained and sealed. Includes hardware and locks	SF	\$14.87	\$69.57	\$0.00	\$84.44
104008	Wood Window – Up To 1" IGU Fixed Pine or equal, stained and sealed	SF	\$14.87	\$61.22	\$0.00	\$76.09
104009	Wood Window – Up To 1" IGU Double Hung (Paint Grade) Pine or equal. Includes hardware and locks	SF	\$14.87	\$52.72	\$0.00	\$67.59
104010	Wood Window – Up To 1" IGU Casement (Paint Grade) Pine or equal. Includes hardware and locks	SF	\$14.87	\$55.66	\$0.00	\$70.53
104011	Wood Window – Up To 1" IGU Awning (Paint Grade) Pine or equal. Includes hardware and locks	SF	\$14.87	\$58.59	\$0.00	\$73.46
104012	Wood Window – Up To 1" IGU Horizontal Sliding (Paint Grade) Pine or equal. Includes hardware and locks	SF	\$14.87	\$55.66	\$0.00	\$70.53
104013	Wood Window – Up To 1" IGU Fixed (Paint Grade) Pine or equal	SF	\$14.87	\$48.98	\$0.00	\$63.85
104014	Wood Screens	SF	\$0.87	\$10.61	\$0.00	\$11.48
104015	Glazing Tint - Wood Window Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$3.76	\$2.91	\$0.00	\$6.67

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		Units	Labor	Material	Equipment	Total
104016	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
104017	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104018	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
104019	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104020	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
104021	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
104022	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
104023	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
104024	[Modifier] Historical Windows	SF	\$18.80	\$106.00	\$0.00	\$124.80
104025	[Modifier] Wood Window Architectural Series Can be used to upgrade a Pine frame to a Hardwood frame	SF	\$0.00	\$15.90	\$0.00	\$15.90
104026	[Modifier] Quantity Premium - Wood Windows (< Or = To 30 SF) Quantity premium can be used when total square footage in section 08-52-00 Wood Windows are within stated quantities. Can be applied cumulatively to base line items.	SF	\$17.56	\$0.00	\$0.00	\$17.56

08-52-13 Metal Clad Wood Windows

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. With PVDF or equal finish, minimum STC rating of 44, and Buy America compliant

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		Units	Labor	Material	Equipment	Total
104027	Metal Or Aluminum Clad Wood Window – Up To 1" IGU Double Hung Includes hardware and locks	SF	\$14.87	\$72.49	\$0.00	\$87.36
104028	Metal Or Aluminum Clad Wood Window – Up To 1" IGU Casement Includes hardware and locks	SF	\$14.87	\$76.53	\$0.00	\$91.40
104029	Metal Or Aluminum Clad Wood Window – Up To 1" IGU Awning Includes hardware and locks	SF	\$14.87	\$80.55	\$0.00	\$95.42
104030	Metal Or Aluminum Clad Wood Window – Up To 1" IGU Horizontal Sliding Includes hardware and locks	SF	\$14.87	\$76.53	\$0.00	\$91.40
104031	Metal Or Aluminum Clad Wood Window – Up To 1" IGU Fixed	SF	\$14.87	\$67.34	\$0.00	\$82.21
104032	Metal or Aluminum Window Screen	SF	\$0.87	\$1.33	\$0.00	\$2.20
104033	Glazing Tint - Metal or Aluminum Clad Windows Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$3.76	\$2.91	\$0.00	\$6.67
104034	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
104035	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104036	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
104037	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104038	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
104039	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00

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		Units	Labor	Material	Equipment	Total
104040	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
104041	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
104042	[Modifier] Historical Windows	SF	\$18.80	\$106.00	\$0.00	\$124.80
104043	[Modifier] Quantity Premium - Metal Clad Wood Windows (< Or = To 30 SF) Quantity premium can be used when total square footage in section 08-52-13 Metal Clad Wood Windows are within stated quantities. Can be applied cumulatively to base line items.	SF	\$17.56	\$0.00	\$0.00	\$17.56
08-52-16 Plastic Clad Wood Windows						
<i>All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. With Vinyl cladding or equal finish, minimum STC rating of 44, and Buy America compliant</i>						
104044	Vinyl Clad Wood Window – Up To 1" IGU Double Hung Includes hardware and locks	SF	\$14.87	\$61.62	\$0.00	\$76.49
104045	Vinyl Clad Wood Window – Up To 1" IGU Casement Includes hardware and locks	SF	\$14.87	\$65.05	\$0.00	\$79.92
104046	Vinyl Clad Wood Window – Up To 1" IGU Awning Includes hardware and locks	SF	\$14.87	\$68.47	\$0.00	\$83.34
104047	Vinyl Clad Wood Window – Up To 1" IGU Horizontal Sliding Includes hardware and locks	SF	\$14.87	\$65.05	\$0.00	\$79.92
104048	Vinyl Clad Wood Window – Up To 1" IGU Fixed	SF	\$14.87	\$57.24	\$0.00	\$72.11
104049	Metal or Aluminum Window Screen	SF	\$0.87	\$1.33	\$0.00	\$2.20
104050	Glazing Tint - Vinyl Clad Wood Windows Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$3.76	\$2.91	\$0.00	\$6.67
104051	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
104052	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30

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		Units	Labor	Material	Equipment	Total
104053	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
104054	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104055	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
104056	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
104057	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
104058	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
104059	[Modifier] Historical Windows	SF	\$18.80	\$106.00	\$0.00	\$124.80
104060	[Modifier] Quantity Premium - Plastic Clad Wood Windows (< Or = To 30 SF) Quantity premium can be used when total square footage in section 08-52-16 Plastic Clad Wood Windows are within stated quantities. Can be applied cumulatively to base line items.	SF	\$17.56	\$0.00	\$0.00	\$17.56

08-53-00 Plastic Windows

08-53-13 Vinyl Windows

All systems include tempered glass, low-e coating, frame, flashing, caulking, complete thermal and weather seals, integral grids, for both nailing flange and retrofit styles. In Vinyl or equal finish, minimum STC rating of 44, and Buy America compliant

104061	Vinyl Window – Up To 1" IGU Double Hung Includes hardware and locks	SF	\$14.87	\$53.71	\$0.00	\$68.58
104062	Vinyl Window – Up To 1" IGU Casement Includes hardware and locks	SF	\$14.87	\$56.70	\$0.00	\$71.57
104063	Vinyl Window – Up To 1" IGU Awning Includes hardware and locks	SF	\$14.87	\$59.67	\$0.00	\$74.54
104064	Vinyl Window – Up To 1" IGU Horizontal Sliding Includes hardware and locks	SF	\$14.87	\$56.70	\$0.00	\$71.57

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		Units	Labor	Material	Equipment	Total
104065	Vinyl Window – Up To 1" IGU Fixed	SF	\$14.87	\$49.89	\$0.00	\$64.76
104066	Metal or Aluminum Window Screen	SF	\$0.87	\$1.33	\$0.00	\$2.20
104067	Glazing Tint - Vinyl Windows Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV15), Or equal	SF	\$3.76	\$2.91	\$0.00	\$6.67
104068	Glazing Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
104069	[Modifier] Glazing Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104070	[Modifier] Glazing Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
104071	[Modifier] Glazing Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104072	[Modifier] Glazing Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
104073	[Modifier] Glazing Blast Resistant Glass Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
104074	[Modifier] Glazing Hurricane Resistant Glass Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73
104075	[Modifier] Curved (Bent) Glass and Frame Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$106.00	\$0.00	\$106.00
104076	[Modifier] Historical Windows	SF	\$18.80	\$106.00	\$0.00	\$124.80

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		Units	Labor	Material	Equipment	Total
104077	[Modifier] Quantity Premium - Vinyl Windows (< Or = To 30 SF) Quantity premium can be used when total square footage in section 08-53-13 Vinyl Windows are within stated quantities. Can be applied cumulatively to base line items.	SF	\$17.56	\$0.00	\$0.00	\$17.56
08-56-00 Special Function Windows						
08-56-19 Pass Windows						
104078	Pass Thru Window – Aluminum and Glass (Non-Rated) Includes door, frame, hardware, and shelf	SF	\$35.12	\$159.01	\$0.00	\$194.13
104079	Pass Thru Window – Stainless Steel and Glass (Non-Rated) Includes door, frame, hardware, and shelf	SF	\$35.12	\$212.00	\$0.00	\$247.12
104080	Pass Thru Window – Aluminum and Glass (Fire-Rated) Includes door, frame, hardware, and shelf	SF	\$35.12	\$238.50	\$0.00	\$273.62
104081	Pass Thru Window – Stainless Steel and Glass (Fire-Rated) Includes door, frame, hardware, and shelf	SF	\$35.12	\$291.50	\$0.00	\$326.62
104082	Pass Through Window – Level I Bullet Resistant Includes door, frame, hardware, and shelf	SF	\$35.12	\$424.00	\$0.00	\$459.12
104083	Pass Through Window – Level II Bullet Resistant Includes door, frame, hardware, and shelf	SF	\$35.12	\$476.99	\$0.00	\$512.11
104084	Pass Through Window – Level III Bullet Resistant Includes door, frame, hardware, and shelf	SF	\$35.12	\$530.00	\$0.00	\$565.12
104085	Reception Sliding Transaction Window Includes door, frame, hardware, and shelf	SF	\$15.05	\$43.10	\$0.00	\$58.15
08-56-53 Security Windows						
104086	Psychiatric / Behavioral Health Window - Metal Frame w/ Security Glazing Insulated, Tempered and Laminated. 3/8" Air Gap, 3/16" Clear Tempered, 0.090 Clear PVB. Solarban 60 or equal.	SF	\$135.09	\$256.49	\$1.00	\$392.58
104087	Psychiatric / Behavioral Health Window - Metal Frame w/ Security Glazing & Internal Blind Insulated, Tempered and Laminated. WACI Blind, 1/2" Makrolon Panel, 3/8" Air Gap, 3/16" Clear Tempered, 0.090 Clear PVB. Solarban 60 or equal.	SF	\$135.09	\$329.78	\$1.00	\$465.87

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		Units	Labor	Material	Equipment	Total
104088	Exterior Behavioral Health Window With Integral Blinds Pricing Based on 4000i-DT Psychiatric Window, Or equal	SF	\$21.07	\$198.75	\$0.00	\$219.82
104089	Exterior Behavioral Health Retrofit Window With Integral Blinds Pricing based on 2187-DT Psychiatric Seal System, Or equal. Installs on the interior of the existing exterior window system	SF	\$21.07	\$118.38	\$0.00	\$139.45
104090	Behavioral Health Security Screen – Maximum Security Spring loaded for safety	SF	\$1.05	\$43.41	\$0.00	\$44.46
104091	Behavioral Health Security Screen – Medium Security Spring loaded for safety	SF	\$1.05	\$36.80	\$0.00	\$37.85
104092	Wire Glass – Fully Captured, Up To 1/2" Glazing, Up To 5" Mullion	SF	\$14.95	\$47.70	\$0.00	\$62.65
104093	Window Security Bars With Interior Quick Release Steel construction. Includes interior foot activation quick release	SF	\$17.45	\$26.50	\$0.00	\$43.95
104094	Window Security Bars Steel construction	SF	\$11.63	\$15.90	\$0.00	\$27.53

08-60-00 Roof Windows and Skylights

08-62-00 Unit Skylights

All systems include fenestrations, frame, curb, fall protection, flashing, trim, caulking, complete thermal and weather seals. With PVDF or equal finish

08-62-00 Unit Skylights

All systems include fenestrations, frame, curb, fall protection, flashing, trim, caulking, complete thermal and weather seals. With PVDF or equal finish

104095	Fiberglass Sandwich Skylight – Up To 2.75" Thick Kalwall or equal. Factory formed corners and accessories included	SF	\$11.71	\$33.92	\$0.00	\$45.63
104096	Fiberglass Sandwich Skylight – Up To 4" Thick Kalwall or equal. Factory formed corners and accessories included	SF	\$13.17	\$39.22	\$0.00	\$52.39
104097	Tubular Skylights – Up To 14" Diameter, Polycarbonate Lens, Up To 10' Tunnel Includes solar powered night light	EA	\$421.39	\$701.72	\$0.00	\$1,123.11
104098	Tubular Skylights – Up To 14" Diameter, Polycarbonate Lens, Up To 20' Tunnel Includes solar powered night light	EA	\$526.73	\$1,038.80	\$0.00	\$1,565.53
104099	Tubular Skylights – Up To 14" Diameter, Polycarbonate Lens, Up To 30' Tunnel Includes solar powered night light	EA	\$702.32	\$1,375.89	\$0.00	\$2,078.21
104100	Tubular Skylights – Up To 14" Diameter, Glass Lens, Up To 10' Tunnel Includes solar powered night light	EA	\$421.39	\$842.06	\$0.00	\$1,263.45

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		Units	Labor	Material	Equipment	Total
104101	Tubular Skylights – Up To 14" Diameter, Glass Lens, Up To 20' Tunnel Includes solar powered night light	EA	\$526.73	\$1,246.56	\$0.00	\$1,773.29
104102	Tubular Skylights – Up To 14" Diameter, Glass Lens, Up To 30' Tunnel Includes solar powered night light	EA	\$702.32	\$1,651.05	\$0.00	\$2,353.37
104103	Tubular Skylights – Up To 22" Diameter, Polycarbonate Lens, Up To 10' Tunnel Includes solar powered night light	EA	\$421.39	\$877.16	\$0.00	\$1,298.55
104104	Tubular Skylights – Up To 22" Diameter, Polycarbonate Lens, Up To 20' Tunnel Includes solar powered night light	EA	\$526.73	\$1,298.50	\$0.00	\$1,825.23
104105	Tubular Skylights – Up To 22" Diameter, Polycarbonate Lens, Up To 30' Tunnel Includes solar powered night light	EA	\$702.32	\$1,719.85	\$0.00	\$2,422.17
104106	Tubular Skylights – Up To 22" Diameter, Glass Lens, Up To 10' Tunnel Includes solar powered night light	EA	\$421.39	\$1,052.58	\$0.00	\$1,473.97
104107	Tubular Skylights – Up To 22" Diameter, Glass Lens, Up To 20' Tunnel Includes solar powered night light	EA	\$526.73	\$1,558.20	\$0.00	\$2,084.93
104108	Tubular Skylights – Up To 22" Diameter, Glass Lens, Up To 30' Tunnel Includes solar powered night light	EA	\$702.32	\$2,063.82	\$0.00	\$2,766.14
104109	Aluminum Framed Glass Skylight – Flat	SF	\$26.34	\$119.25	\$0.00	\$145.59
104110	Aluminum Framed Glass Skylight – Sloped	SF	\$26.34	\$137.14	\$0.00	\$163.48
104111	Aluminum Framed Glass Skylight – Barrel	SF	\$26.34	\$150.85	\$0.00	\$177.19
104112	Aluminum Framed Glass Skylight – Double Pitch	SF	\$26.34	\$137.14	\$0.00	\$163.48
104113	Aluminum Framed Glass Skylight – Domed	SF	\$26.34	\$150.85	\$0.00	\$177.19
104114	Aluminum Framed Polycarbonate Skylight – Flat	SF	\$26.34	\$95.40	\$0.00	\$121.74
104115	Aluminum Framed Polycarbonate Skylight – Sloped	SF	\$26.34	\$109.71	\$0.00	\$136.05
104116	Aluminum Framed Polycarbonate Skylight – Barrel	SF	\$26.34	\$120.68	\$0.00	\$147.02
104117	Aluminum Framed Polycarbonate Skylight – Double Pitch	SF	\$26.34	\$109.71	\$0.00	\$136.05
104118	Aluminum Framed Polycarbonate Skylight – Domed	SF	\$26.34	\$120.68	\$0.00	\$147.02
104119	Aluminum Framed Plastic Skylight – Flat Wasco or equal	SF	\$17.56	\$42.40	\$0.00	\$59.96
104120	Aluminum Framed Plastic Skylight – Sloped Wasco or equal	SF	\$17.56	\$48.76	\$0.00	\$66.32

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		Units	Labor	Material	Equipment	Total
104121	Aluminum Framed Plastic Skylight – Barrel Wasco or equal	SF	\$17.56	\$48.76	\$0.00	\$66.32
104122	Aluminum Framed Plastic Skylight – Double Pitch Wasco or equal	SF	\$17.56	\$48.76	\$0.00	\$66.32
104123	Aluminum Framed Plastic Skylight – Domed Wasco or equal	SF	\$17.56	\$48.76	\$0.00	\$66.32
104124	Skylight Tint Applies only to the square footage of the glazing system that required the proposed enhancement. Material - 3M window film (tint level - NV25), Or equal	SF	\$3.76	\$4.19	\$0.00	\$7.95
104125	Skylight Anti Graffiti Film Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$3.76	\$4.24	\$0.00	\$8.00
104126	[Modifier] Skylight Vented	SF	\$0.00	\$10.61	\$0.00	\$10.61
104127	[Modifier] Skylight Fused Link	SF	\$0.00	\$15.90	\$0.00	\$15.90
104128	[Modifier] Skylight Frosted Or Fritted Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104129	[Modifier] Skylight Colored Or Textured Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$10.61	\$0.00	\$10.61
104130	[Modifier] Skylight Low Iron / Ultra Clear Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$5.30	\$0.00	\$5.30
104131	[Modifier] Skylight Laminated / Impact Resistant Applies only to the square footage of the glazing system that required the proposed enhancement	SF	\$0.00	\$7.42	\$0.00	\$7.42
104132	[Modifier] Skylight Blast Resistant Includes modifications to both glazing and framing systems	SF	\$0.00	\$106.00	\$0.00	\$106.00
104133	[Modifier] Skylight Hurricane Resistant Includes all modification to the frame	SF	\$0.00	\$12.73	\$0.00	\$12.73

08-70-00 Hardware

08-71-00 Door Hardware

All hardware is ANSI/BHMA Grade 1, 626 Satin chrome finish unless otherwise noted.

08-71-00 Door Hardware

All hardware is ANSI/BHMA Grade 1, 626 Satin chrome finish unless otherwise noted.

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		Units	Labor	Material	Equipment	Total
104134	Hinges – Plain Bearing, Brass, Standard Weight 3 ½ X 3 ½	EA	\$10.90	\$15.07	\$0.00	\$25.97
104135	Hinges – Plain Bearing, Brass, Standard Weight 4 X 4	EA	\$10.90	\$12.79	\$0.00	\$23.69
104136	Hinges – Plain Bearing, Brass, Standard Weight 4 1/2 X4 1/2	EA	\$10.90	\$16.61	\$0.00	\$27.51
104137	Hinges – Plain Bearing, Brass, Standard Weight 5 X 4 1/2	EA	\$10.90	\$22.64	\$0.00	\$33.54
104138	Hinges – Plain Bearing, Brass, Standard Weight 5 1/2 X 4 1/2	EA	\$10.90	\$25.89	\$0.00	\$36.79
104139	Hinges – Plain Bearing, Brass, Heavy Weight 4 1/2 X 4 1/2	EA	\$10.90	\$20.03	\$0.00	\$30.93
104140	Hinges – Plain Bearing, Brass, Heavy Weight 5 1/2 X 4 1/2	EA	\$10.90	\$22.15	\$0.00	\$33.05
104141	Hinges – Ball Bearing, Brass, Standard Weight 3 ½ X 3 ½	EA	\$10.90	\$21.47	\$0.00	\$32.37
104142	Hinges – Ball Bearing, Brass, Standard Weight 4 ½ X 4 ½	EA	\$10.90	\$21.47	\$0.00	\$32.37
104143	Hinges – Ball Bearing, Brass, Standard Weight 5 X 4 ½	EA	\$10.90	\$27.16	\$0.00	\$38.06
104144	Hinges – Ball Bearing, Brass, Standard Weight 5 ½ X 5 ½	EA	\$10.90	\$28.46	\$0.00	\$39.36
104145	Hinges – Ball Bearing, Brass, Standard Weight 5 X 5	EA	\$10.90	\$28.98	\$0.00	\$39.88
104146	Hinges – Ball Bearing, Brass, Standard Weight 6 X 5	EA	\$10.90	\$31.30	\$0.00	\$42.20
104147	Hinges – Ball Bearing, Brass, Heavy Weight 4 ½ X 4 ½	EA	\$10.90	\$34.16	\$0.00	\$45.06
104148	Hinges – Ball Bearing, Brass, Heavy Weight 5 X 4 ½	EA	\$10.90	\$34.88	\$0.00	\$45.78
104149	Hinges – Ball Bearing, Brass, Heavy Weight 6 X 5	EA	\$10.90	\$34.88	\$0.00	\$45.78
104150	Hinges – Concealed Ball Bearing, Brass, Standard Weight 3 ½ X 3 ½	EA	\$10.90	\$33.73	\$0.00	\$44.63
104151	Hinges – Concealed Ball Bearing, Brass, Standard Weight 4 ½ X 4 ½	EA	\$10.90	\$37.12	\$0.00	\$48.02
104152	Hinges – Concealed Ball Bearing, Brass, Standard Weight 5 X 4 ½	EA	\$10.90	\$51.43	\$0.00	\$62.33
104153	Hinges – Concealed Ball Bearing, Brass, Standard Weight 5 ½ X 5 ½	EA	\$10.90	\$57.54	\$0.00	\$68.44
104154	Hinges – Concealed Ball Bearing, Brass, Standard Weight 5 X 5	EA	\$10.90	\$57.54	\$0.00	\$68.44
104155	Hinges – Concealed Ball Bearing, Brass, Standard Weight 6 X 5	EA	\$10.90	\$73.93	\$0.00	\$84.83
104156	Hinges – Concealed Ball Bearing, Brass, Heavy Weight 4 ½ X 4 ½	EA	\$10.90	\$44.65	\$0.00	\$55.55
104157	Hinges – Concealed Ball Bearing, Brass, Heavy Weight 5 X 4 ½	EA	\$10.90	\$50.66	\$0.00	\$61.56
104158	Hinges – Concealed Ball Bearing, Brass, Heavy Weight 6 X 5	EA	\$10.90	\$52.73	\$0.00	\$63.63
104159	Hinges – Plain Bearing, Steel, Standard Weight 3 ½ X 3 ½	EA	\$10.90	\$34.83	\$0.00	\$45.73
104160	Hinges – Plain Bearing, Steel, Standard Weight 4 X 4	EA	\$10.90	\$38.14	\$0.00	\$49.04
104161	Hinges – Plain Bearing, Steel, Standard Weight 4 ½ X 4 ½	EA	\$10.90	\$33.83	\$0.00	\$44.73

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		Units	Labor	Material	Equipment	Total
104162	Hinges – Plain Bearing, Steel, Standard Weight 5 X 4 ½	EA	\$10.90	\$49.82	\$0.00	\$60.72
104163	Hinges – Plain Bearing, Steel, Standard Weight 5 ½ X 4 ½	EA	\$10.90	\$49.82	\$0.00	\$60.72
104164	Hinges – Ball Bearing, Steel, Standard Weight 3 ½ X 3 ½	EA	\$10.90	\$19.50	\$0.00	\$30.40
104165	Hinges – Ball Bearing, Steel, Standard Weight 4 ½ X 4 ½	EA	\$10.90	\$19.50	\$0.00	\$30.40
104166	Hinges – Ball Bearing, Steel, Standard Weight 5 X 4 ½	EA	\$10.90	\$26.79	\$0.00	\$37.69
104167	Hinges – Ball Bearing, Steel, Standard Weight 5 ½ X 5 ½	EA	\$10.90	\$34.72	\$0.00	\$45.62
104168	Hinges – Ball Bearing, Steel, Standard Weight 5 X 5	EA	\$10.90	\$33.17	\$0.00	\$44.07
104169	Hinges – Ball Bearing, Steel, Standard Weight 6 X 5	EA	\$10.90	\$37.92	\$0.00	\$48.82
104170	Hinges – Ball Bearing, Steel, Heavy Weight 4 ½ X 4 ½	EA	\$10.90	\$38.19	\$0.00	\$49.09
104171	Hinges – Ball Bearing, Steel, Heavy Weight 5 X 4 ½	EA	\$10.90	\$39.98	\$0.00	\$50.88
104172	Hinges – Ball Bearing, Steel, Heavy Weight 6 X 5	EA	\$10.90	\$41.60	\$0.00	\$52.50
104173	[Modifier] All Hinges Stainless Steel Finish Or Equal Applicable to hinge items above	EA	\$0.00	\$7.95	\$0.00	\$7.95
104174	[Modifier] All Hinges Oiled Bronze Finish Or Equal Applicable to hinge items above	EA	\$0.00	\$14.84	\$0.00	\$14.84
104175	[Modifier] All Hinges Bright Chrome Finish Or Equal Applicable to hinge items above	EA	\$0.00	\$18.55	\$0.00	\$18.55
104176	[Modifier] All Hinges Half Surface Or Half Mortise Applicable to hinge items above	EA	\$0.00	\$79.50	\$0.00	\$79.50
104177	[Modifier] All Hinges Electrified Thru Hinge, All Size, Up To 6 Pr, 22 Ga. Wire Applicable to hinge items above	EA	\$0.00	\$63.60	\$0.00	\$63.60
104178	[Modifier] All Hinges Non-Removable Pins Applicable to hinge items above	EA	\$0.00	\$4.77	\$0.00	\$4.77
104179	[Modifier] All Hinges Spring Hinge Function Applicable to hinge items above	EA	\$0.00	\$26.66	\$0.00	\$26.66
104180	[Modifier] All Hinges Swing Clear Function Applicable to hinge items above	EA	\$0.00	\$6.89	\$0.00	\$6.89
104181	[Modifier] All Hinges Extra Heavy Weight = Greater Than 200 Lb Door Weight Applicable to hinge items above	EA	\$0.00	\$15.90	\$0.00	\$15.90
104182	Pivots 200 LB Limit Pivots are priced in pairs, top and bottom, single acting. Stainless steel base material, UL rated up to 3 hours, brushed satin finish, unless otherwise noted. All pivots are mortised into door and frame unless otherwise noted. Includes closer	PR	\$523.30	\$2,650.00	\$0.00	\$3,173.30

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		Units	Labor	Material	Equipment	Total
104183	Pivots 200 LB Limit – Centerhung Pivots are priced in pairs, top and bottom, single acting. Stainless steel base material, UL rated up to 3 hours, brushed satin finish, unless otherwise noted. All pivots are mortised into door and frame unless otherwise noted. Includes closer	PR	\$523.30	\$3,180.01	\$0.00	\$3,703.31
104184	Pivots 500 LB Limit Pivots are priced in pairs, top and bottom, single acting. Stainless steel base material, UL rated up to 3 hours, brushed satin finish, unless otherwise noted. All pivots are mortised into door and frame unless otherwise noted. Includes closer	PR	\$523.30	\$3,180.01	\$0.00	\$3,703.31
104185	Pivots 500 LB Limit – Centerhung Pivots are priced in pairs, top and bottom, single acting. Stainless steel base material, UL rated up to 3 hours, brushed satin finish, unless otherwise noted. All pivots are mortised into door and frame unless otherwise noted. Includes closer	PR	\$523.30	\$3,710.00	\$0.00	\$4,233.30
104186	Pivots 800 LB Limit Pivots are priced in pairs, top and bottom, single acting. Stainless steel base material, UL rated up to 3 hours, brushed satin finish, unless otherwise noted. All pivots are mortised into door and frame unless otherwise noted. Includes closer	PR	\$523.30	\$3,710.00	\$0.00	\$4,233.30
104187	Pivots 800 LB Limit – Centerhung Pivots are priced in pairs, top and bottom, single acting. Stainless steel base material, UL rated up to 3 hours, brushed satin finish, unless otherwise noted. All pivots are mortised into door and frame unless otherwise noted. Includes closer	PR	\$523.30	\$4,240.00	\$0.00	\$4,763.30
104188	[Modifier] Pivots – Any Plated Finish Other Than Satin Stainless Applicable to pivot items above	PR	\$0.00	\$1,590.00	\$0.00	\$1,590.00
104189	[Modifier] Pivots – Heavy Duty Pivots Rated Above 800 Lb Limit Applicable to pivot items above	PR	\$0.00	\$212.00	\$0.00	\$212.00
104190	[Modifier] Pivots – Intermediate Heavy Duty Pivots Rated Above 800 Lb Limit Applicable to pivot items above	PR	\$0.00	\$265.00	\$0.00	\$265.00
104191	Continuous Hinges – Standard, 1 ½' wide	EA	\$32.71	\$80.45	\$0.00	\$113.16
104192	Continuous Hinges – Standard, 2" wide	EA	\$32.71	\$83.21	\$0.00	\$115.92

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		Units	Labor	Material	Equipment	Total
104193	Continuous Hinges – Standard, 2 ½ wide	EA	\$32.71	\$83.21	\$0.00	\$115.92
104194	Continuous Hinges – Standard, 3" wide	EA	\$32.71	\$85.22	\$0.00	\$117.93
104195	[Modifier] Continuous Hinges – For Finishes Other Than Satin Chrome Applicable to continuous hinge items above	EA	\$0.00	\$47.70	\$0.00	\$47.70
104196	[Modifier] Continuous Hinges – Lead Lined Applicable to continuous hinge items above	EA	\$0.00	\$159.01	\$0.00	\$159.01
104197	Continuous Hinges – Geared, Full Mortise	EA	\$32.71	\$114.90	\$0.00	\$147.61
104198	Continuous Hinges – Geared, Half Surface	EA	\$32.71	\$157.52	\$0.00	\$190.23
104199	Continuous Hinges – Geared Heavy Duty Up To 550 Lbs.	EA	\$32.71	\$165.15	\$0.00	\$197.86
104200	[Modifier] Continuous Hinges, Geared Color Match To Frame Applicable to continuous hinge, geared items above	EA	\$0.00	\$37.09	\$0.00	\$37.09
104201	[Modifier] Continuous Hinges, Geared Lead Lined Applicable to continuous hinge, geared items above	EA	\$0.00	\$249.63	\$0.00	\$249.63
104202	[Modifier] Continuous Hinges, All Standard / Geared, Electrified Thru Hinge Applicable to continuous hinge, geared items above	EA	\$0.00	\$106.00	\$0.00	\$106.00
104203	Tubular – Lockset, Office / Storeroom, Lever / Knob, Grade 2	EA	\$47.58	\$166.71	\$0.00	\$214.29
104204	Tubular – Lockset, Privacy Thumb Turn, Lever / Knob, Grade 2	EA	\$47.58	\$92.75	\$0.00	\$140.33
104205	Tubular – Latchset, Passage, Lever / Knob, Grade 2	EA	\$47.58	\$90.52	\$0.00	\$138.10
104206	Dummy Trim Tubular (One Side), Lever Or Knob, Grade 2	EA	\$47.58	\$63.60	\$0.00	\$111.18
104207	Tubular – Lockset, Integrated Deadlatch / Lock, Lever	EA	\$47.58	\$164.30	\$0.00	\$211.88
104208	[Modifier] Tubular – Add For Finish Other Than 626 Applicable to tubular items above	EA	\$0.00	\$42.40	\$0.00	\$42.40
104209	[Modifier] Tubular – Add For Decorative Lever, Rosette Applicable to tubular items above	EA	\$0.00	\$53.00	\$0.00	\$53.00
104210	Cylindrical – Lockset, Entry / Office, Lever, Grade 1	EA	\$47.58	\$307.40	\$0.00	\$354.98
104211	Cylindrical – Lockset, Storeroom, Classroom, Lever, Grade 1	EA	\$47.58	\$291.50	\$0.00	\$339.08
104212	Cylindrical – Lockset, Privacy Thumb Turn, Lever, Grade 1	EA	\$47.58	\$116.60	\$0.00	\$164.18
104213	Cylindrical – Latchset, Passage, Lever, Grade 1	EA	\$47.58	\$116.60	\$0.00	\$164.18
104214	Dummy Trim Cylindrical (One Side), Lever Or Knob, Grade 1	EA	\$47.58	\$159.01	\$0.00	\$206.59

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		Units	Labor	Material	Equipment	Total
104215	Cylindrical – Lockset, Entry / Office, Lever, Grade 2	EA	\$47.58	\$148.40	\$0.00	\$195.98
104216	Cylindrical – Lockset, Storeroom, Classroom, Lever, Grade 2	EA	\$47.58	\$148.40	\$0.00	\$195.98
104217	Cylindrical – Lockset, Privacy Thumb Turn, Lever, Grade 2	EA	\$47.58	\$95.40	\$0.00	\$142.98
104218	Cylindrical – Latchset, Passage, Lever, Grade 2	EA	\$47.58	\$93.28	\$0.00	\$140.86
104219	Dummy Trim Cylindrical (One Side), Lever Or Knob, Grade 2	EA	\$47.58	\$63.60	\$0.00	\$111.18
104220	Mortise Lockset – Entry / Office, Lever w/ Rose, Grade 1	EA	\$47.58	\$551.20	\$0.00	\$598.78
104221	Mortise Lockset – Storeroom / Classroom, Lever w/ Rose, Grade 1	EA	\$47.58	\$328.59	\$0.00	\$376.17
104222	Mortise Lockset – Privacy Deadbolt, Lever w/ Rose, Grade 1	EA	\$47.58	\$328.59	\$0.00	\$376.17
104223	Mortise Lockset – Passage, Lever w/ Rose, Grade 1	EA	\$47.58	\$328.59	\$0.00	\$376.17
104224	Lockset - Mechanical Push Button, Lever with Key Override	EA	\$80.22	\$968.84	\$0.00	\$1,049.06
104225	Deadbolts – Tubular, Key Cylinder, Grade2	EA	\$47.58	\$68.90	\$0.00	\$116.48
104226	Deadbolts – Cylindrical, Key Core, Grade 2	EA	\$47.58	\$159.01	\$0.00	\$206.59
104227	Deadbolts – Cylindrical, Key Core, Grade 1	EA	\$47.58	\$212.00	\$0.00	\$259.58
104228	Deadbolts – Mortise, Mortise Cylinder and Key Core, Grade 1	EA	\$47.58	\$254.41	\$0.00	\$301.99
104229	Aluminum Door Lock – Deadlock, Key Cylinder and Thumb Turn, Grade 1	EA	\$47.58	\$79.50	\$0.00	\$127.08
104230	Aluminum Door Lock – Deadlatch, Single Point, Key and Egress Lever, Grade 1	EA	\$47.58	\$116.60	\$0.00	\$164.18
104231	Aluminum Door Lock – Deadlatch, Two Point, Keyed Thumb Turn Or Egress Lever, Grade 1	EA	\$47.58	\$148.40	\$0.00	\$195.98
104232	[Modifier] All – Electrified Strike, Medium Duty, Surface Mount Applicable to lockset and latchset items above	EA	\$0.00	\$79.50	\$0.00	\$79.50
104233	[Modifier] All – Electrified Strike, Medium Duty, Mortise Applicable to lockset and latchset items above	EA	\$0.00	\$127.20	\$0.00	\$127.20
104234	[Modifier] All – Electrified Strike, Heavy Duty, Surface Mount Applicable to lockset and latchset items above	EA	\$0.00	\$148.40	\$0.00	\$148.40
104235	[Modifier] All – Electrified Strike, Heavy Duty, Mortise Applicable to lockset and latchset items above	EA	\$0.00	\$318.00	\$0.00	\$318.00
104236	[Modifier] All – Electrified Latch Release Applicable to lockset and latchset items above	EA	\$0.00	\$106.00	\$0.00	\$106.00

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		Units	Labor	Material	Equipment	Total
104237	Panic Device – Rim Mount, Wire Pull w/ Keyed Escutcheon, Touchbar	EA	\$130.82	\$927.50	\$0.00	\$1,058.32
104238	Panic Device – Rim Mount, Key Cylinder w/ Lever Escutcheon, Nightlatch	EA	\$130.82	\$1,166.00	\$0.00	\$1,296.82
104239	Panic Device – Rim Mount, Key Cylinder w/ Lever Escutcheon, Entry	EA	\$130.82	\$1,272.00	\$0.00	\$1,402.82
104240	Panic Device – Rim Mount, Egress Only, No Exterior Trim	EA	\$130.82	\$1,007.00	\$0.00	\$1,137.82
104241	Panic Device – Rim Mount, Egress Only, No Exterior Trim, Crash Bar	EA	\$130.82	\$1,431.00	\$0.00	\$1,561.82
104242	Panic Device – Rim Mount, Narrow, Egress Only, No Exterior Trim, Touch Bar	EA	\$130.82	\$1,144.80	\$0.00	\$1,275.62
104243	Panic Device – Mortise, Wire Pull w/ Keyed Escutcheon, Touchbar	EA	\$130.82	\$1,325.00	\$0.00	\$1,455.82
104244	Panic Device – Mortise, Key Cylinder w/ Lever Escutcheon, Nightlatch, Touchbar	EA	\$130.82	\$1,166.00	\$0.00	\$1,296.82
104245	Panic Device – Mortise, Key Cylinder w/ Lever Escutcheon, Entry, Touchbar	EA	\$130.82	\$1,272.00	\$0.00	\$1,402.82
104246	[Modifier] Panic Device – Surface Vertical Rods With Strikes Applicable to panic device items above	EA	\$0.00	\$371.00	\$0.00	\$371.00
104247	[Modifier] Panic Device – Keyed Removable Mullion, Up To 96" With Mortise Cylinder and Key Core Applicable to panic device items above	EA	\$0.00	\$466.40	\$0.00	\$466.40
104248	[Modifier] Panic Device – UL Listed, Fire Rated Device Applicable to panic device items above	EA	\$0.00	\$636.00	\$0.00	\$636.00
104249	[Modifier] Panic Device – Keyed Dogging and Mortise Cylinder With Key Core, Excepting Crash Bar Type. Applicable to panic device items above	EA	\$0.00	\$339.20	\$0.00	\$339.20
104250	[Modifier] Panic Device – Delayed Egress With Internal Alarm, Mortise Cylinder and Key Core, Excepting Crash Bar Type. Applicable to panic device items above	EA	\$0.00	\$339.20	\$0.00	\$339.20
104251	[Modifier] Panic Device – Internal Exit Alarm, Excepting Crash Bar Type. Applicable to panic device items above	EA	\$0.00	\$302.10	\$0.00	\$302.10
104252	[Modifier] Panic Device – Security Fasteners, All Types Applicable to panic device items above	EA	\$0.00	\$68.90	\$0.00	\$68.90

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		Units	Labor	Material	Equipment	Total
104253	[Modifier] Panic Device – Electrified Latch Release, Rim Or Mortise Mounting Applicable to panic device items above	EA	\$0.00	\$492.90	\$0.00	\$492.90
104254	[Modifier] Panic Device – Electrified Latch Retraction w/ Power Supply, For All Types As Available Applicable to panic device items above	EA	\$0.00	\$885.10	\$0.00	\$885.10
104255	[Modifier] Panic Device – Windstorm Rated Applicable to panic device items above	EA	\$0.00	\$657.20	\$0.00	\$657.20
104256	Closer Full Profile- Surface, Operating Size 2-6, Regular Arm Or Top Jamb Regular	EA	\$65.41	\$298.92	\$0.00	\$364.33
104257	Closer Full Profile – Surface, Operating Size 2-6, Parallel Arm	EA	\$65.41	\$329.67	\$0.00	\$395.08
104258	Closer Full Profile – Surface, Operating Size 2-6, Track Arm	EA	\$65.41	\$337.08	\$0.00	\$402.49
104259	Closer Full Profile – Surface, Operating Size 2-6, Power Assist Electronic Hold Open, Track Arm	EA	\$65.41	\$3,031.60	\$0.00	\$3,097.01
104260	Closer Full Profile – Surface, Operating Size 2-6, Delayed Egress	EA	\$65.41	\$306.33	\$0.00	\$371.74
104261	Closer Narrow Profile – Surface, Operating Size 2-6, Regular Arm Or Top Jamb Regular	EA	\$65.41	\$193.98	\$0.00	\$259.39
104262	Closer Narrow Profile – Surface, Operating Size 2-6, Parallel Arm	EA	\$65.41	\$203.52	\$0.00	\$268.93
104263	Closer Narrow Profile – Surface, Operating Size 2-6, Track Arm	EA	\$65.41	\$311.64	\$0.00	\$377.05
104264	Closer Narrow Profile – Surface, Operating Size 2-6, Electronic Hold Open, Track Arm	EA	\$65.41	\$290.44	\$0.00	\$355.85
104265	Closer Slim Profile – Surface, Operating Size 1-4, Regular Arm Or Top Jamb Regular	EA	\$65.41	\$186.56	\$0.00	\$251.97
104266	Closer Slim Profile – Surface, Operating Size 1-4, Parallel Arm	EA	\$65.41	\$196.10	\$0.00	\$261.51
104267	Closer Concealed – Top Jamb Or Door, Multi-Sized, Regular Arm	EA	\$65.41	\$460.04	\$0.00	\$525.45
104268	Closer Concealed – Top Jamb Or Door, Multi-Sized, Delayed Action	EA	\$65.41	\$540.60	\$0.00	\$606.01
104269	Closer Floor Mounted – Center Hung, Sized 3 To 5, Up To 350 Lb. Doors	EA	\$65.41	\$693.25	\$0.00	\$758.66
104270	Closer Floor Mounted – Offset Mounted, Sized 3 To 5, Up To 500 Lb Door	EA	\$65.41	\$931.74	\$0.00	\$997.15
104271	Closer Floor Mounted – Offset Mounted, Sized 3 To 7, Up To 660 Lb Door	EA	\$65.41	\$1,228.54	\$0.00	\$1,293.95
104272	[Modifier] Floor Mounted – Add For Polished and Bronze Finishes Applicable to floor mounted closer items above	EA	\$0.00	\$402.81	\$0.00	\$402.81

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		Units	Labor	Material	Equipment	Total
104273	[Modifier] All Closer – Door Coordinator Up To 8' Length Applicable to closer items above	EA	\$0.00	\$319.94	\$0.00	\$319.94
104274	[Modifier] All Closer – Finishes Other Than Aluminum Painted Applicable to closer items above	EA	\$0.00	\$42.40	\$0.00	\$42.40
104275	[Modifier] All Closer – Heavy Duty, Hold Open, Stop Arm Applicable to closer items above	EA	\$0.00	\$153.70	\$0.00	\$153.70
104276	Flush Bolts Manual – Steel, Extension Rod Type (Metal Doors) Up To 8" Long	EA	\$47.58	\$36.05	\$0.00	\$83.63
104277	Flush Bolts Manual – Steel, Corner Wrap Type (Wood Doors) Up To 8" Long	EA	\$47.58	\$43.46	\$0.00	\$91.04
104278	[Modifier] Flush Bolts Manual – Brass Or Bronze Satin Finish Applicable to flush bolts manual items above	EA	\$0.00	\$10.61	\$0.00	\$10.61
104279	[Modifier] Flush Bolts Manual – Polished Brass Or Chrome Finishes Applicable to flush bolts manual items above	EA	\$0.00	\$31.80	\$0.00	\$31.80
104280	[Modifier] Flush Bolts Manual – 12" Or Longer Extension Rods Applicable to flush bolts manual items above	EA	\$0.00	\$84.79	\$0.00	\$84.79
104281	Flush Bolts Automatic – Extension Rod Type (Metal Doors) Up To 8" Long	EA	\$47.58	\$154.76	\$0.00	\$202.34
104282	Flush Bolts Automatic – Corner Wrap Type (Wood Doors) Up To 8" Long	EA	\$47.58	\$161.12	\$0.00	\$208.70
104283	[Modifier] Flush Bolts Automatic – Brass Or Bronze Satin Finish Applicable to flush bolts automatic items above	EA	\$0.00	\$10.61	\$0.00	\$10.61
104284	[Modifier] Flush Bolts Automatic – Polished Brass Or Chrome Finishes Applicable to flush bolts automatic items above	EA	\$0.00	\$31.80	\$0.00	\$31.80
104285	[Modifier] Flush Bolts Automatic – 12" Or Longer Extension Rods Applicable to flush bolts automatic items above	EA	\$0.00	\$100.70	\$0.00	\$100.70
104286	Surface Bolts Manual – ½ Round, Brushed Chrome, 8" Long With Strike	EA	\$47.58	\$47.70	\$0.00	\$95.28
104287	Surface Bolts Manual – ½ Round, Brushed Chrome, 12" Long With Strike	EA	\$47.58	\$79.50	\$0.00	\$127.08
104288	[Modifier] Surface Bolts – Decorative Style Applicable to surface bolts items above	EA	\$0.00	\$37.09	\$0.00	\$37.09

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		Units	Labor	Material	Equipment	Total
104289	[Modifier] Surface Bolts – Brass Or Bronze Satin Finishes Applicable to surface bolts items above	EA	\$0.00	\$21.20	\$0.00	\$21.20
104290	Protection Plate / Kick Plate – Satin Aluminum, .050" Thick	SF	\$7.27	\$16.96	\$0.00	\$24.23
104291	Protection Plate / Kick Plate – Stainless Steel, .050" Thick	SF	\$7.27	\$19.08	\$0.00	\$26.35
104292	Protection Plate / Kick Plate – Satin Brass/Bronze, .050" Thick	SF	\$7.27	\$37.09	\$0.00	\$44.36
104293	Protection Plate / Kick Plate – High Impact Plastic, Class A .050" Thick	SF	\$7.27	\$16.96	\$0.00	\$24.23
104294	[Modifier] Protection Plate / Kick Plate – Countersunk Fasteners Applicable to protection plate items above	SF	\$0.00	\$2.12	\$0.00	\$2.12
104295	[Modifier] Protection Plate / Kick Plate – Beveled Edges Applicable to protection plate items above	SF	\$0.00	\$2.12	\$0.00	\$2.12
104296	[Modifier] Protection Plate / Kick Plate – UL Listed Fire Rating Applicable to protection plate items above	SF	\$0.00	\$3.71	\$0.00	\$3.71
104297	[Modifier] Protection Plate / Kick Plate – Satin Nickel Over Brass Applicable to protection plate items above	SF	\$0.00	\$4.24	\$0.00	\$4.24
104298	[Modifier] Protection Plate / Kick Plate – Bright Chrome, Polished Finishes Applicable to protection plate items above	SF	\$0.00	\$2.12	\$0.00	\$2.12
104299	Door Stop – Wall, Brush Chrome, Concave	EA	\$32.71	\$5.19	\$0.00	\$37.90
104300	Door Stop – Base Board, Brushed Chrome	EA	\$32.71	\$6.89	\$0.00	\$39.60
104301	Door Stop – Floor Dome, Brushed Chrome	EA	\$32.71	\$6.89	\$0.00	\$39.60
104302	Door Stop – Floor Gooseneck, Brushed Chrome	EA	\$32.71	\$16.64	\$0.00	\$49.35
104303	Door Stop – Floor Gooseneck, Brushed Chrome, Roller Or Hook Catch	EA	\$32.71	\$53.00	\$0.00	\$85.71
104304	Door Stop – Hinge Pin, Brushed Chrome	EA	\$32.71	\$8.26	\$0.00	\$40.97
104305	Door Stop – Kick Down, Brushed Chrome	EA	\$32.71	\$10.81	\$0.00	\$43.52
104306	[Modifier] Door Stop – Finishes Other Than Brushed Chrome Applicable to door stop items above	EA	\$0.00	\$5.30	\$0.00	\$5.30
104307	[Modifier] Door Stop – Heavy Duty Type Applicable to door stop items above	EA	\$0.00	\$31.80	\$0.00	\$31.80
104308	Door Pull – Aluminum, ¾" Dia., 8" Length	PR	\$65.41	\$78.22	\$0.00	\$143.63

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		Units	Labor	Material	Equipment	Total
104309	Door Pull – Aluminum, ¾" Dia., 10" Length	PR	\$65.41	\$88.99	\$0.00	\$154.40
104310	Door Pull – Aluminum, ¾" Dia., 12" Length	PR	\$65.41	\$111.94	\$0.00	\$177.35
104311	Door Pull – Aluminum, 1" Dia. 8" Length	PR	\$65.41	\$87.02	\$0.00	\$152.43
104312	Door Pull – Aluminum, 1" Dia. 10" Length	PR	\$65.41	\$90.10	\$0.00	\$155.51
104313	Door Pull – Aluminum, 1" Dia. 12" Length	PR	\$65.41	\$98.90	\$0.00	\$164.31
104314	Door Pull – Aluminum, 1" Dia. 14" Length	PR	\$65.41	\$117.97	\$0.00	\$183.38
104315	[Modifier] Door Pull – Offset C Shape Applicable to door pull items above	PR	\$0.00	\$15.90	\$0.00	\$15.90
104316	[Modifier] Door Pull – Stainless Steel Base Material Applicable to door pull items above	PR	\$0.00	\$31.80	\$0.00	\$31.80
104317	[Modifier] Door Pull – Decorative Curved Pull, All Sizes Applicable to door pull items above	PR	\$0.00	\$47.70	\$0.00	\$47.70
104318	Push Bar – Aluminum, ¾" Dia., Up To 34 ½" Length	EA	\$47.58	\$157.09	\$0.00	\$204.67
104319	Push Bar – Aluminum, 1" Dia., Up To 34 ½" Length	EA	\$47.58	\$155.29	\$0.00	\$202.87
104320	Push Bar – Stainless Steel, ¾" Dia., Up To 34 ½" Length	EA	\$47.58	\$175.74	\$0.00	\$223.32
104321	Push Bar – Stainless Steel, 1" Dia., Up To 34 ½" Length	EA	\$47.58	\$179.35	\$0.00	\$226.93
104322	Push Bar – Bronze, ¾" Dia., Up To 34 ½" Length	EA	\$47.58	\$197.59	\$0.00	\$245.17
104323	Push Bar – Bronze, 1" Dia., Up To 34 ½" Length	EA	\$47.58	\$201.93	\$0.00	\$249.51
104324	Push Plate – Brass, .050" Thick, 3 X 12	EA	\$37.38	\$51.51	\$0.00	\$88.89
104325	Push Plate – Brass, .050" Thick, 4X16	EA	\$37.38	\$70.49	\$0.00	\$107.87
104326	Push Plate – Brass, .050" Thick, 6X16	EA	\$37.38	\$93.59	\$0.00	\$130.97
104327	Push Plate – Stainless Steel, .050" Thick, 3 X 12	EA	\$37.38	\$40.91	\$0.00	\$78.29
104328	[Modifier] Push Plates – Polish Or Oxidized Finishes Applicable to push plate items above	EA	\$0.00	\$31.80	\$0.00	\$31.80
104329	Weather Stripping – Perimeter Gasket, Silicone Bulb, ¾" Teardrop, Up To 10' Lengths	EA	\$47.58	\$48.85	\$0.00	\$96.43
104330	Weather Stripping – Vinyl Or TPE Ribbed Wings, 2 To 3 Fins, Up To 10' Lengths	EA	\$47.58	\$52.47	\$0.00	\$100.05
104331	Weather Stripping – Aluminum Retainer Strip, Up To 1 ½" Wide, With Captured Neoprene Foam, Screw Attached	EA	\$47.58	\$47.91	\$0.00	\$95.49

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		Units	Labor	Material	Equipment	Total
104332	Weather Stripping – Astragal, Stainless Steel Or Aluminum, 1 ½ – 2" Wide, Up To 96" In Length	EA	\$47.58	\$155.61	\$0.00	\$203.19
104333	Weather Stripping – Astragal, Stainless Steel Or Aluminum, 2" Wide, Up To 96" In Length	EA	\$47.58	\$160.59	\$0.00	\$208.17
104334	Weather Stripping – Astragal, Two Piece, Nylon Brush Or Foam Seal Edge, Surface Mount, Up To 96" In Length	EA	\$47.58	\$62.22	\$0.00	\$109.80
104335	Door Sweep – Surface, Aluminum, Brush Or Neoprene Bulb, Up To 48"	EA	\$37.38	\$84.27	\$0.00	\$121.65
104336	Door Sweep – Shoe Type, Aluminum, ½ Wrap Mount With Face Fasteners, Nylon Brush Or Half Round Fin Seal / Sweep, Up To 1 1 / 2 Gap	EA	\$37.38	\$24.90	\$0.00	\$62.28
104337	Door Sweep – Shoe Type, Aluminum, Full Wrap, With Nylon Brush Or Half-Round Seal / Sweep, Up To 1 ½" Gap	EA	\$37.38	\$21.02	\$0.00	\$58.40
104338	Door Sweep – Automatic Bottom, Aluminum, With Nylon Brush Or Neoprene Bulb, Up To 48"	EA	\$37.38	\$99.10	\$0.00	\$136.48
104339	Threshold – Full Saddle, ¼" High, 3" Wide, 36" Long	EA	\$37.38	\$37.63	\$0.00	\$75.01
104340	Threshold – Full Saddle, ¼" High, 4" Wide, 36" Long	EA	\$37.38	\$39.86	\$0.00	\$77.24
104341	Threshold – Full Saddle, ¼" High, 5" Wide, 36" Long	EA	\$37.38	\$50.03	\$0.00	\$87.41
104342	Threshold – Full Saddle, ¼" High, 6" Wide, 36" Long	EA	\$37.38	\$73.03	\$0.00	\$110.41
104343	Threshold – Full Saddle, ¼" High, 3" Wide, 48" Long	EA	\$37.38	\$45.47	\$0.00	\$82.85
104344	Threshold – Full Saddle, ¼" High, 4" Wide, 48" Long	EA	\$37.38	\$53.75	\$0.00	\$91.13
104345	Threshold – Full Saddle, ¼" High, 5" Wide, 48" Long	EA	\$37.38	\$63.92	\$0.00	\$101.30
104346	Threshold – Full Saddle, ¼" High, 6" Wide, 48" Long	EA	\$37.38	\$86.71	\$0.00	\$124.09
104347	Threshold – Full Saddle, ¼" High, 3" Wide, 72" Long	EA	\$37.38	\$55.44	\$0.00	\$92.82
104348	Threshold – Full Saddle, ¼" High, 4" Wide, 72" Long	EA	\$37.38	\$69.01	\$0.00	\$106.39
104349	Threshold – Full Saddle, ¼" High, 5" Wide, 72" Long	EA	\$37.38	\$78.13	\$0.00	\$115.51
104350	Threshold – Full Saddle, ¼" High, 6" Wide, 72" Long	EA	\$37.38	\$98.37	\$0.00	\$135.75
104351	Threshold – Half Saddle, ¼" High, 4" Wide, 36" Long	EA	\$37.38	\$60.95	\$0.00	\$98.33
104352	Threshold – Half Saddle, ¼" High, 5" Wide, 36" Long	EA	\$37.38	\$67.95	\$0.00	\$105.33
104353	Threshold – Half Saddle, ¼" High, 6" Wide, 36" Long	EA	\$37.38	\$73.77	\$0.00	\$111.15
104354	Threshold – Half Saddle, ¼" High, 4" Wide, 48" Long	EA	\$37.38	\$66.14	\$0.00	\$103.52
104355	Threshold – Half Saddle, ¼" High, 5" Wide, 48" Long	EA	\$37.38	\$73.68	\$0.00	\$111.06

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		Units	Labor	Material	Equipment	Total
104356	Threshold – Half Saddle, ¼" High, 6" Wide, 48" Long	EA	\$37.38	\$79.92	\$0.00	\$117.30
104357	Threshold – Half Saddle, ¼" High, 4" Wide, 72" Long	EA	\$37.38	\$99.32	\$0.00	\$136.70
104358	Threshold – Half Saddle, ¼" High, 5" Wide, 72" Long	EA	\$37.38	\$102.82	\$0.00	\$140.20
104359	Threshold – Half Saddle, ¼" High, 6" Wide, 72" Long	EA	\$37.38	\$105.78	\$0.00	\$143.16
104360	Threshold – Full Saddle, ½" High, 3" Wide, 36" Long	EA	\$37.38	\$38.90	\$0.00	\$76.28
104361	Threshold – Full Saddle, ½" High, 4" Wide, 36" Long	EA	\$37.38	\$42.71	\$0.00	\$80.09
104362	Threshold – Full Saddle, ½" High, 5" Wide, 36" Long	EA	\$37.38	\$50.66	\$0.00	\$88.04
104363	Threshold – Full Saddle, ½" High, 6" Wide, 36" Long	EA	\$37.38	\$60.41	\$0.00	\$97.79
104364	Threshold – Full Saddle, ½" High, 3" Wide, 48" Long	EA	\$37.38	\$45.15	\$0.00	\$82.53
104365	Threshold – Full Saddle, ½" High, 4" Wide, 48" Long	EA	\$37.38	\$51.73	\$0.00	\$89.11
104366	Threshold – Full Saddle, ½" High, 5" Wide, 48" Long	EA	\$37.38	\$64.02	\$0.00	\$101.40
104367	Threshold – Full Saddle, ½" High, 6" Wide, 48" Long	EA	\$37.38	\$67.73	\$0.00	\$105.11
104368	Threshold – Full Saddle, ½" High, 3" Wide, 72" Long	EA	\$37.38	\$67.73	\$0.00	\$105.11
104369	Threshold – Full Saddle, ½" High, 4" Wide, 72" Long	EA	\$37.38	\$71.24	\$0.00	\$108.62
104370	Threshold – Full Saddle, ½" High, 5" Wide, 72" Long	EA	\$37.38	\$78.22	\$0.00	\$115.60
104371	Threshold – Full Saddle, ½" High, 6" Wide, 72" Long	EA	\$37.38	\$98.37	\$0.00	\$135.75
104372	Threshold – Half Saddle, ½" High, 4" Wide, 36" Long	EA	\$37.38	\$48.13	\$0.00	\$85.51
104373	Threshold – Half Saddle, ½" High, 5" Wide, 36" Long	EA	\$37.38	\$79.28	\$0.00	\$116.66
104374	Threshold – Half Saddle, ½" High, 6" Wide, 36" Long	EA	\$37.38	\$87.88	\$0.00	\$125.26
104375	Threshold – Half Saddle, ½" High, 4" Wide, 48" Long	EA	\$37.38	\$61.49	\$0.00	\$98.87
104376	Threshold – Half Saddle, ½" High, 5" Wide, 48" Long	EA	\$37.38	\$105.78	\$0.00	\$143.16
104377	Threshold – Half Saddle, ½" High, 6" Wide, 48" Long	EA	\$37.38	\$108.65	\$0.00	\$146.03
104378	Threshold – Half Saddle, ½" High, 4" Wide, 72" Long	EA	\$37.38	\$75.15	\$0.00	\$112.53
104379	Threshold – Half Saddle, ½" High, 5" Wide, 72" Long	EA	\$37.38	\$86.50	\$0.00	\$123.88
104380	Threshold – Half Saddle, ½" High, 6" Wide, 72" Long	EA	\$37.38	\$96.57	\$0.00	\$133.95
104381	[Modifier] Threshold – Extensions Applicable to threshold items above	EA	\$0.00	\$37.09	\$0.00	\$37.09
104382	[Modifier] Threshold – Panic Device Latching Profile Applicable to threshold items above	PR	\$0.00	\$31.80	\$0.00	\$31.80
104383	Miscellaneous Trims – Door Viewer, One Way, Up To ¾" Lens, 120 Degree View	EA	\$47.58	\$19.08	\$0.00	\$66.66

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		Units	Labor	Material	Equipment	Total
104384	Miscellaneous Trims – Door Viewer, One Way, Up To ¾" Lens, 150 Degree View	EA	\$47.58	\$23.32	\$0.00	\$70.90
104385	Miscellaneous Trims – Door Viewer, One Way, Up To ¾" Lens, 190 Degree View	EA	\$47.58	\$27.56	\$0.00	\$75.14
104386	Miscellaneous Trims – Door Viewer, One Way, Wide Body, Up To 1-½" Lens, 180 Degree View	EA	\$47.58	\$58.30	\$0.00	\$105.88
104387	Door Operator - Surface Mounted, Light Duty, Door Weight Up To 200 LBS Includes surface mounted operator and two (2) ADA push plates. Costs are per door leaf, electrical connections to be added from Division 26	EA	\$356.34	\$2,650.00	\$0.00	\$3,006.34
104388	Door Operator - Surface Mounted, Moderate Duty, Door Weight 201 To 300 LBS Includes surface mounted operator and two (2) ADA push plates. Costs are per door leaf, electrical connections to be added from Division 26	EA	\$356.34	\$3,710.00	\$0.00	\$4,066.34
104389	Door Operator - Surface Mounted, Heavy Duty, Door Weight 301 LBS and Up Includes surface mounted operator and two (2) ADA push plates. Costs are per door leaf, electrical connections to be added from Division 26	EA	\$356.34	\$4,770.00	\$0.00	\$5,126.34
104390	ADA Push Button - Radio Control Door Operator Includes two (2) surface mounted ADA push buttons and receiver	EA	\$237.56	\$450.49	\$0.00	\$688.05

08-80-00 Glazing

08-83-00 Mirrors

08-83-00 Mirrors

104391	Mirror – Frameless Includes all mounting hardware	SF	\$12.45	\$18.55	\$0.00	\$31.00
104392	Mirror – Hardwood Frame Includes all mounting hardware	SF	\$12.45	\$25.96	\$0.00	\$38.41
104393	Mirror – Painted Wood Frame Includes all mounting hardware	SF	\$12.45	\$20.77	\$0.00	\$33.22
104394	Mirror – Aluminum Frame Includes all mounting hardware	SF	\$12.45	\$22.26	\$0.00	\$34.71
104395	Mirror – Stainless Steel Frame Includes all mounting hardware	SF	\$12.45	\$25.96	\$0.00	\$38.41
104396	Mirror – Plastic Frame Includes all mounting hardware	SF	\$12.45	\$19.61	\$0.00	\$32.06
104397	Mirror – Recreational Wall Mirror Includes all mounting hardware	SF	\$6.23	\$13.25	\$0.00	\$19.48
104398	[Modifier] Mirror – Metal Shelf Applicable to mirror items above	LF	\$0.00	\$25.96	\$0.00	\$25.96
104399	[Modifier] Mirror – Behavioral Safety Glass Applicable to mirror items above	SF	\$0.00	\$10.61	\$0.00	\$10.61

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		Units	Labor	Material	Equipment	Total
104400	[Modifier] Mirror – Non-Geometrically Shaped Applicable to mirror items above	SF	\$0.00	\$5.30	\$0.00	\$5.30
104401	[Modifier] Mirror – Beveled Applicable to mirror items above	SF	\$0.00	\$3.71	\$0.00	\$3.71
104402	[Modifier] Mirror – Integral LED Applicable to mirror items above	SF	\$0.00	\$26.50	\$0.00	\$26.50
104403	Mirror Sliding Wardrobe Doors – Satin Or Clean Finish Steel construction. Includes all mounting hardware and tracks	SF	\$7.92	\$4.56	\$0.00	\$12.48
104404	Mirror Sliding Wardrobe Doors – Gold Finish Steel construction. Includes all mounting hardware and tracks	SF	\$7.92	\$4.67	\$0.00	\$12.59
104405	Mirror Sliding Wardrobe Doors – Brush Nickel Or Bronze Finish Steel construction. Includes all mounting hardware and tracks	SF	\$7.92	\$4.88	\$0.00	\$12.80
104406	Mirror Sliding Wardrobe Doors – Hardwood Frame Wood construction. Includes all mounting hardware and tracks	SF	\$7.92	\$14.31	\$0.00	\$22.23
104407	Mirror Sliding Wardrobe Doors – Painted Wood Frame Wood construction. Includes all mounting hardware and tracks	SF	\$7.92	\$12.51	\$0.00	\$20.43

08-87-00 Glazing Surface Films

08-87-23 Safety and Security Films

104408	Safety and Security Window Film - Vandalism Protection Clean window, install film and clean afterwards. Film is similar or equal to 3M Series S80	SF	\$5.03	\$6.18	\$1.20	\$12.41
104409	Safety and Security Window Film - Blast Resistant Clean window, install film and clean afterwards. Film is similar or equal to 3M Series S800	SF	\$5.03	\$10.62	\$1.20	\$16.85

08-88-00 Special Function Glazing

08-88-13 Fire-Rated Glazing

All systems include low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish

104410	Fire Rated Glazing Clear – 45 Min	SF	\$23.94	\$156.56	\$0.00	\$180.50
104411	Fire Rated Glazing Clear – 1 Hr.	SF	\$23.94	\$200.34	\$0.00	\$224.28
104412	Fire Rated Glazing Clear – 2 Hr.	SF	\$23.94	\$279.83	\$0.00	\$303.77
104413	[Modifier] Quantity Premium - Fire-Rated Glazing (51-100 SF) Quantity premium can be used when total square footage in section 08-88-13 Fire-Rated Glazing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27

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		Units	Labor	Material	Equipment	Total
104414	[Modifier] Quantity Premium - Fire-Rated Glazing (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-88-13 Fire-Rated Glazing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53
08-88-53 Security Glazing						
<i>All systems include low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish</i>						
104415	Exterior Security Glazing – Fully Captured, Up To 1" IGU, Up To 7.5" Mullion Childgard or equal	SF	\$17.56	\$74.48	\$0.00	\$92.04
104416	Exterior Security Glazing – Fully Captured, Up To 1-1/8" IGU Glazing, Up To 10.5" Mullion Childgard or equal	SF	\$17.56	\$85.09	\$0.00	\$102.65
104417	Interior Security Glazing – Fully Captured, Up To 1/2" Glazing, Up To 5" Mullion Childgard or equal	SF	\$15.05	\$67.03	\$0.00	\$82.08
104418	Interior Security Glazing – Fully Captured, Up To 5/8" Glazing, Up To 5" Mullion Childgard or equal	SF	\$15.05	\$77.64	\$0.00	\$92.69
104419	[Modifier] Quantity Premium - Security Glazing (51-100 SF) Quantity premium can be used when total square footage in section 08-88-53 Security Glazing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
104420	[Modifier] Quantity Premium - Security Glazing (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-88-53 Security Glazing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53
08-88-56 Ballistics-Resistant Glazing						
<i>All systems include low-e coating, frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish</i>						
104421	Ballistic Resistant Glass Level I Includes fixed panel, transom or sidelight panels	SF	\$62.50	\$103.12	\$0.00	\$165.62
104422	Ballistic Resistant Glass Level II Includes fixed panel, transom or sidelight panels	SF	\$62.50	\$126.02	\$0.00	\$188.52
104423	Ballistic Resistant Glass Level III Includes fixed panel, transom or sidelight panels	SF	\$62.50	\$148.94	\$0.00	\$211.44
104424	Ballistic Resistant Glass Level IV Includes fixed panel, transom or sidelight panels	SF	\$68.75	\$194.76	\$0.00	\$263.51

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		Units	Labor	Material	Equipment	Total
104425	[Modifier] Add for Operable Ballistic Resistant Window	SF	\$5.15	\$7.45	\$0.00	\$12.60
104426	Speak Thru - Level 3 Bullet Resistant Brushed stainless steel, 6" round	EA	\$137.49	\$615.64	\$0.00	\$753.13

08-90-00 Louvers and Vents

08-91-00 Louvers

08-91-19 Louvers

Louvers include bird screens unless otherwise noted

104427	Wall Louvers Metal Or Aluminum – Architectural Up To 35% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$33.39	\$0.00	\$42.16
104428	Wall Louvers Metal Or Aluminum – Architectural Up To 45% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$29.68	\$0.00	\$38.45
104429	Wall Louvers Metal Or Aluminum – Architectural Up To 55% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$25.96	\$0.00	\$34.73
104430	Wall Louvers Metal Or Aluminum – Architectural Up To 65% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$22.26	\$0.00	\$31.03
104431	Wall Louvers Metal Or Aluminum – Architectural Up To 35% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$40.54	\$0.00	\$50.12
104432	Wall Louvers Metal Or Aluminum – Architectural Up To 45% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$36.05	\$0.00	\$45.63
104433	Wall Louvers Metal Or Aluminum – Architectural Up To 55% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$31.54	\$0.00	\$41.12
104434	Wall Louvers Metal Or Aluminum – Architectural Up To 65% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$27.03	\$0.00	\$36.61

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		Units	Labor	Material	Equipment	Total
104435	Wall Louvers Metal Or Aluminum – Architectural Up To 35% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$47.70	\$0.00	\$58.23
104436	Wall Louvers Metal Or Aluminum – Architectural Up To 45% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$42.40	\$0.00	\$52.93
104437	Wall Louvers Metal Or Aluminum – Architectural Up To 55% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$37.09	\$0.00	\$47.62
104438	Wall Louvers Metal Or Aluminum – Architectural Up To 65% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$31.80	\$0.00	\$42.33
104439	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 35% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$28.38	\$0.00	\$37.15
104440	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 45% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$25.23	\$0.00	\$34.00
104441	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 55% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$22.08	\$0.00	\$30.85
104442	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 65% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$18.92	\$0.00	\$27.69
104443	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 35% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$34.46	\$0.00	\$44.04

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		Units	Labor	Material	Equipment	Total
104444	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 45% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$30.63	\$0.00	\$40.21
104445	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 55% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$26.81	\$0.00	\$36.39
104446	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 65% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$9.58	\$22.98	\$0.00	\$32.56
104447	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 35% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$40.54	\$0.00	\$51.07
104448	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 45% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$36.05	\$0.00	\$46.58
104449	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 55% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$31.54	\$0.00	\$42.07
104450	Wall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 65% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$10.53	\$27.03	\$0.00	\$37.56
104451	Wall Louvers Metal Or Aluminum – Residential Up To 35% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$12.73	\$0.00	\$21.50

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		Units	Labor	Material	Equipment	Total
104452	Wall Louvers Metal Or Aluminum – Residential Up To 45% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$11.65	\$0.00	\$20.42
104453	Wall Louvers Metal Or Aluminum – Residential Up To 55% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$10.61	\$0.00	\$19.38
104454	Wall Louvers Metal Or Aluminum – Residential Up To 65% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$9.54	\$0.00	\$18.31
104455	Wall Louvers Vinyl – Residential Up To 35% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$8.48	\$0.00	\$17.25
104456	Wall Louvers Vinyl – Residential Up To 45% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$7.42	\$0.00	\$16.19
104457	Wall Louvers Vinyl – Residential Up To 55% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$6.36	\$0.00	\$15.13
104458	Wall Louvers Vinyl – Residential Up To 65% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$5.30	\$0.00	\$14.07
104459	Wall Louvers Wood – Residential Up To 35% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$19.08	\$0.00	\$27.85
104460	Wall Louvers Wood – Residential Up To 45% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$16.96	\$0.00	\$25.73
104461	Wall Louvers Wood – Residential Up To 55% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$14.84	\$0.00	\$23.61
104462	Wall Louvers Wood – Residential Up To 65% Louver Free Area Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$12.73	\$0.00	\$21.50

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		Units	Labor	Material	Equipment	Total
104463	Screenwall Louvers Metal Or Aluminum – Architectural Up To 35% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$20.03	\$0.00	\$27.55
104464	Screenwall Louvers Metal Or Aluminum – Architectural Up To 45% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$17.81	\$0.00	\$25.33
104465	Screenwall Louvers Metal Or Aluminum – Architectural Up To 55% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$15.58	\$0.00	\$23.10
104466	Screenwall Louvers Metal Or Aluminum – Architectural Up To 65% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$13.36	\$0.00	\$20.88
104467	Screenwall Louvers Metal Or Aluminum – Architectural Up To 35% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$24.33	\$0.00	\$32.44
104468	Screenwall Louvers Metal Or Aluminum – Architectural Up To 45% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$21.63	\$0.00	\$29.74
104469	Screenwall Louvers Metal Or Aluminum – Architectural Up To 55% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$18.92	\$0.00	\$27.03
104470	Screenwall Louvers Metal Or Aluminum – Architectural Up To 65% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$16.21	\$0.00	\$24.32

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		Units	Labor	Material	Equipment	Total
104471	Screenwall Louvers Metal Or Aluminum – Architectural Up To 35% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$28.62	\$0.00	\$37.39
104472	Screenwall Louvers Metal Or Aluminum – Architectural Up To 45% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$25.44	\$0.00	\$34.21
104473	Screenwall Louvers Metal Or Aluminum – Architectural Up To 55% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$22.26	\$0.00	\$31.03
104474	Screenwall Louvers Metal Or Aluminum – Architectural Up To 65% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$19.08	\$0.00	\$27.85
104475	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 35% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$17.03	\$0.00	\$24.55
104476	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 45% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$15.14	\$0.00	\$22.66
104477	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 55% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$13.25	\$0.00	\$20.77
104478	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 65% Louver Free Area Up To 2" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$7.52	\$11.35	\$0.00	\$18.87

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		Units	Labor	Material	Equipment	Total
104479	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 35% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$20.67	\$0.00	\$28.78
104480	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 45% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$18.38	\$0.00	\$26.49
104481	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 55% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$16.08	\$0.00	\$24.19
104482	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 65% Louver Free Area Up To 4" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.11	\$13.79	\$0.00	\$21.90
104483	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 35% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$24.33	\$0.00	\$33.10
104484	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 45% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$21.63	\$0.00	\$30.40
104485	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 55% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$18.92	\$0.00	\$27.69
104486	Screenwall Louvers Metal Or Aluminum – Mechanical Or Industrial Up To 65% Louver Free Area Up To 6" Blade Include frame, flashing, caulking, complete thermal and weather seals. With PVDF or equal finish	SF	\$8.77	\$16.21	\$0.00	\$24.98

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		Units	Labor	Material	Equipment	Total
104487	Sunshade – Aluminum Louver Or Flat Blade Up To 8" Deep Include frame, flashing, caulking, outrigger supports, and mounting brackets. With PVDF or equal finish	SF	\$13.17	\$47.70	\$0.00	\$60.87
104488	Sunshade – Aluminum Airfoil Blade Up To 8" Deep Include frame, flashing, caulking, outrigger supports, and mounting brackets. With PVDF or equal finish	SF	\$13.17	\$58.30	\$0.00	\$71.47
104489	Sunshade – Aluminum Tube Blade Up To 8" Deep Include frame, flashing, caulking, outrigger supports, and mounting brackets. With PVDF or equal finish	SF	\$13.17	\$63.60	\$0.00	\$76.77
104490	[Modifier] Blank Off Panel	SF	\$0.00	\$3.71	\$0.00	\$3.71
104491	[Modifier] Motorized Louver	SF	\$0.00	\$10.61	\$0.00	\$10.61
104492	[Modifier] Hurricane Louver	SF	\$0.00	\$5.30	\$0.00	\$5.30
104493	[Modifier] Quantity Premium - Louvers (51-100 SF) Quantity premium can be used when total square footage in section 08-91-19 Fixed Louvers are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
104494	[Modifier] Quantity Premium - Louvers (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-91-19 Fixed Louvers are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

09-00-00 Finishes

Includes fasteners and clips to substrate, casing, and corner beads. Division Nine quantities are based on greater than 500 square feet unless otherwise noted.

09-00-00 Finishes

Includes fasteners and clips to substrate, casing, and corner beads. Division Nine quantities are based on greater than 500 square feet unless otherwise noted.

09-05-00 Common Work Results for Finishes

09-05-61 Common Work Results for Flooring Preparation

104495	Sandblast Finish Concrete Slab	SF	\$2.38	\$0.00	\$0.00	\$2.38
104496	Acid Wash Finish - Concrete	SF	\$1.16	\$0.79	\$0.00	\$1.95
104497	Power Grind/Sand Concrete Floor For use in cleaning/prep new or existing floor for finish	SF	\$0.69	\$0.00	\$0.38	\$1.07
104498	Pressure Wash Concrete Floor	SF	\$0.48	\$0.00	\$0.15	\$0.63

09-01-00 Maintenance of Finishes

09-01-00 Maintenance of Finishes

09-01-20 Maintenance of Plaster and Gypsum Board

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		Units	Labor	Material	Equipment	Total
104499	Patch Gypsum Wallboard (< 5 SF) Includes new GWB patch with applicable joint reinforcement and fasteners. Match adjacent finish and texture	EA	\$130.82	\$14.84	\$0.00	\$145.66
104500	Patch Gypsum Wallboard (5-50 SF) Includes new GWB patch with applicable joint reinforcement and fasteners. Match adjacent finish and texture	SF	\$10.46	\$2.12	\$0.00	\$12.58
104501	Patch Gypsum Wallboard (51-100 SF) Includes new GWB patch with applicable joint reinforcement and fasteners. Match adjacent finish and texture	SF	\$5.23	\$2.12	\$0.00	\$7.35
104502	Patch Gypsum Wallboard (101-500 SF) Includes new GWB patch with applicable joint reinforcement and fasteners. Match adjacent finish and texture	SF	\$2.09	\$2.12	\$0.00	\$4.21
104503	Patch Plaster Wall (< 5 SF) Includes up to three coats of plaster. Includes infill for voids to depth of lath or original substrate until flush. Match adjacent finish and texture	EA	\$156.99	\$14.84	\$0.00	\$171.83
104504	Patch Plaster Wall (5-50 SF) Includes up to three coats of plaster. Includes infill for voids to depth of lath or original substrate until flush. Match adjacent finish and texture	SF	\$13.09	\$3.18	\$0.00	\$16.27
104505	Patch Plaster Wall (51-100 SF) Includes up to three coats of plaster. Includes infill for voids to depth of lath or original substrate until flush. Match adjacent finish and texture	SF	\$6.54	\$3.18	\$0.00	\$9.72
104506	Patch Plaster Wall (101-500 SF) Includes up to three coats of plaster. Includes infill for voids to depth of lath or original substrate until flush. Match adjacent finish and texture	SF	\$2.62	\$3.18	\$0.00	\$5.80
09-01-30	Maintenance of Tiling					
104507	Re-Grout Floor / Wall Tile With Non-Epoxy Grout Includes removal of existing grout, cleaning, and re-grouting	SF	\$3.82	\$1.17	\$0.00	\$4.99
104508	Re-Grout Floor / Wall Tile With Epoxy Grout Includes removal of existing grout, cleaning, and re-grouting	SF	\$6.98	\$2.12	\$0.00	\$9.10
104509	Clean and Seal Quarry Tile Floor SaniMAX Sealer or equal	SF	\$4.51	\$2.19	\$0.00	\$6.70

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		Units	Labor	Material	Equipment	Total
104510	Clean and Seal CT Wall Tile SaniMAX ChromaGLAZE or equal	SF	\$6.06	\$2.93	\$0.00	\$8.99
09-05-00 Common Work Results for Finishes						
09-05-00 Common Work Results for Finishes						
09-05-00 Common Work Results for Finishes						
104511	Moisture Control Membrane (New Floor Slabs) – Up To 1.5 LBS / SF Over 24 Hrs. Includes both hydrostatic and non-hydrostatic applications, For use on new slabs prior to placing adhered finish flooring	SF	\$0.94	\$0.27	\$0.00	\$1.21
104512	Moisture Control Membrane (New Floor Slabs) – Up To 3 LBS / SF Over 24 Hrs. Includes both hydrostatic and non-hydrostatic applications, For use on new slabs prior to placing adhered finish flooring	SF	\$0.94	\$3.18	\$0.00	\$4.12
104513	Moisture Control Membrane (New Floor Slabs) – Greater Than 3 LBS / SF Over 24 Hrs. Includes both hydrostatic and non-hydrostatic applications, For use on new slabs prior to placing adhered finish flooring	SF	\$0.94	\$5.30	\$0.00	\$6.24
104514	Moisture Control Membrane (Existing Floor Slabs) – Per Coat Topical epoxy	SF	\$0.94	\$0.59	\$0.00	\$1.53
104515	Acoustic Underlayment 1/8" Adhered or loose laid resilient closed cell rubber mat	SF	\$1.50	\$0.63	\$0.00	\$2.13
104516	Acoustic Underlayment 1/4" Adhered or loose laid resilient closed cell rubber mat	SF	\$1.50	\$0.74	\$0.00	\$2.24
104517	Acoustic Underlayment 3/8" Adhered or loose laid resilient closed cell rubber mat	SF	\$1.50	\$0.85	\$0.00	\$2.35
104518	Acoustic Underlayment 1/2" Adhered or loose laid resilient closed cell rubber mat	SF	\$1.50	\$0.95	\$0.00	\$2.45
104519	Floor Flash Patch As Required Includes a blend of adhesive removal, flash patching, grinding, leveling, bead blasting, and other necessary preparation to insure a proper substrate for new finishes. Can be used on existing floors	SF	\$1.21	\$0.52	\$0.00	\$1.73
104520	[Modifier] Quantity Premium - Common Work Results for Finishes (101-500 SF) Quantity premium can be used when total square footage in section 09-05-00 Common Work Results for Finishes are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09

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		Units	Labor	Material	Equipment	Total
104521	[Modifier] Quantity Premium - Common Work Results for Finishes (51-100 SF) Quantity premium can be used when total square footage in section 09-05-00 Common Work Results for Finishes are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
104522	[Modifier] Quantity Premium - Common Work Results for Finishes (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-05-00 Common Work Results for Finishes are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-20-00 Plaster and Gypsum Board

09-21-00 Plaster and Gypsum Board Assemblies

09-21-13 Plaster Assemblies

104523	Cement Plaster On Lath (Per Side) System includes up to three coats and all miscellaneous screeds, aid, termination, expanded metals / wire, building paper, fasteners, flashings, sealants and textures	SF	\$5.53	\$1.67	\$0.00	\$7.20
104524	Cement Plaster On Lath (Per Side) – Complex Textures System includes up to three coats and all miscellaneous screeds, aid, termination, expanded metals / wire, building paper, fasteners, flashings, sealants and textures	SF	\$6.64	\$1.67	\$0.00	\$8.31
104525	Cement Plaster On Lath (Per Side) – Quick Setting Cement Plaster System includes up to three coats and all miscellaneous screeds, aid, termination, expanded metals / wire, building paper, fasteners, flashings, sealants and textures	SF	\$6.64	\$1.67	\$0.00	\$8.31
104526	Cement Plaster On Backer Board (Per Side) Includes cement plaster up to ½" thick on backer board substrate. Match surrounding texture	SF	\$4.98	\$1.58	\$0.00	\$6.56
104527	Cement Plaster On Backer Board (Per Side) – Complex Textures Includes cement plaster up to ½" thick on backer board substrate. Match surrounding texture	SF	\$5.97	\$1.58	\$0.00	\$7.55

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		Units	Labor	Material	Equipment	Total
104528	Cement Plaster On Backer Board (Per Side) – Quick Setting Cement Plaster Includes cement plaster up to ½” thick on backer board substrate. Match surrounding texture	SF	\$5.97	\$1.58	\$0.00	\$7.55
104529	Gypsum Plaster On Backer Board (Per Side) Includes gypsum plaster up to ½” thick on backer board substrate. Match surrounding texture	SF	\$4.76	\$1.58	\$0.00	\$6.34
104530	Gypsum Plaster On Backer Board (Per Side) – Complex Textures Includes gypsum plaster up to ½” thick on backer board substrate. Match surrounding texture	SF	\$5.72	\$1.58	\$0.00	\$7.30
104531	Gypsum Plaster On Backer Board (Per Side) – Quick Setting Cement Plaster Includes gypsum plaster up to ½” thick on backer board substrate. Match surrounding texture	SF	\$5.72	\$1.58	\$0.00	\$7.30
104532	Plaster Veneer (Per Side) Base and finish coat over solid substrates. Cement or gypsum plaster. Match surrounding texture	SF	\$3.25	\$0.79	\$0.00	\$4.04
104533	Plaster Veneer (Per Side) – Complex Textures Base and finish coat over solid substrates. Cement or gypsum plaster. Match surrounding texture	SF	\$3.90	\$0.79	\$0.00	\$4.69
104534	Plaster Veneer (Per Side) – Quick Setting Cement Plaster Base and finish coat over solid substrates. Cement or gypsum plaster. Match surrounding texture	SF	\$3.90	\$0.79	\$0.00	\$4.69
104535	Venetian Plaster (Per Side) Base and finish coat over solid substrates. Cement or gypsum plaster. No lath. Match surrounding texture	SF	\$11.71	\$2.65	\$0.00	\$14.36
104536	Venetian Plaster (Per Side) – Complex Textures Base and finish coat over solid substrates. Cement or gypsum plaster. No lath. Match surrounding texture	SF	\$14.04	\$2.65	\$0.00	\$16.69
104537	Venetian Plaster (Per Side) – Quick Setting Cement Plaster Base and finish coat over solid substrates. Cement or gypsum plaster. No lath. Match surrounding texture	SF	\$14.04	\$2.65	\$0.00	\$16.69

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		Units	Labor	Material	Equipment	Total
104538	Synthetic Plaster Soffit On Backer Board Includes lightweight, up to two coat synthetic plaster on a backer board substrate. Match surrounding texture	SF	\$6.08	\$3.35	\$0.00	\$9.43
104539	Synthetic Plaster Soffit On Backer Board – Complex Textures Includes lightweight, up to two coat synthetic plaster on a backer board substrate. Match surrounding texture	SF	\$7.30	\$3.35	\$0.00	\$10.65
104540	Synthetic Plaster Soffit On Backer Board – Quick Setting Cement Plaster Includes lightweight, up to two coat synthetic plaster on a backer board substrate. Match surrounding texture	SF	\$7.30	\$3.35	\$0.00	\$10.65
104541	Plaster Soffit On Backer Board Includes lightweight, up to two coat plaster on a backer board substrate. Match surrounding texture	SF	\$11.06	\$3.35	\$0.00	\$14.41
104542	Plaster Soffit On Backer Board – Complex Textures Includes lightweight, up to two coat plaster on a backer board substrate. Match surrounding texture	SF	\$13.27	\$3.35	\$0.00	\$16.62
104543	Plaster Soffit On Backer Board – Quick Setting Cement Plaster Includes lightweight, up to two coat plaster on a backer board substrate. Match surrounding texture	SF	\$13.27	\$3.35	\$0.00	\$16.62
104544	Plaster Ceiling System Includes bearing main and secondary rail support grid, and/or light gauge framing, with lath suitable to application. Control and edge trims included	SF	\$11.06	\$3.35	\$0.00	\$14.41
104545	Plaster Ceiling System – Complex Textures Includes bearing main and secondary rail support grid, and/or light gauge framing, with lath suitable to application. Control and edge trims included	SF	\$13.27	\$3.35	\$0.00	\$16.62
104546	Plaster Ceiling System – Quick Setting Cement Plaster Includes bearing main and secondary rail support grid, and/or light gauge framing, with lath suitable to application. Control and edge trims included	SF	\$13.27	\$3.35	\$0.00	\$16.62

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		Units	Labor	Material	Equipment	Total
104547	[Modifier] Quantity Premium - Plaster Assemblies (101-500 SF) Quantity premium can be used when total square footage in section 09-21-13 Plaster Assemblies are within stated quantities. Can be applied cumulatively to base line items. Applies to all plaster items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
104548	[Modifier] Quantity Premium - Plaster Assemblies (51-100 SF) Quantity premium can be used when total square footage in section 09-21-13 Plaster Assemblies are within stated quantities. Can be applied cumulatively to base line items. Applies to all plaster items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
104549	[Modifier] Quantity Premium - Plaster Assemblies (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-21-13 Plaster Assemblies are within stated quantities. Can be applied cumulatively to base line items. Applies to all plaster items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-21-16 Gypsum Board Assemblies						
<i>All assemblies are assumed Level 4 finish or equal, ready for paint, covering or other specified wall treatments</i>						
104550	Partition Type A1 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 3-5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.10	\$4.14	\$0.00	\$10.24
104551	Partition Type A2 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 3-5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.69	\$4.56	\$0.00	\$11.25
104552	Partition Type A3 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.12	\$4.17	\$0.00	\$10.29
104553	Partition Type A4 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.72	\$4.58	\$0.00	\$11.30

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		Units	Labor	Material	Equipment	Total
104554	Partition Type A5 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.72	\$4.58	\$0.00	\$11.30
104555	Partition Type A6 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 6" metal studs; 3" sab; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.99	\$4.75	\$0.00	\$11.74
104556	Partition Type B1 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 3-5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.82	\$5.33	\$0.00	\$13.15
104557	Partition Type B2 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 3-5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.42	\$5.74	\$0.00	\$14.16
104558	Partition Type B3 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.85	\$5.35	\$0.00	\$13.20
104559	Partition Type B4 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.45	\$5.77	\$0.00	\$14.22
104560	Partition Type B5 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.51	\$5.80	\$0.00	\$14.31

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		Units	Labor	Material	Equipment	Total
104561	Partition Type B6 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.11	\$6.20	\$0.00	\$15.31
104562	Partition Type C1 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.67	\$6.59	\$0.00	\$16.26
104563	Partition Type C2 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.27	\$7.00	\$0.00	\$17.27
104564	Partition Type C3 – 20 GA Metal Stud Or Equal 2hr rated; 2 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.71	\$6.62	\$0.00	\$16.33
104565	Partition Type C4 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.30	\$7.02	\$0.00	\$17.32
104566	Partition Type C5 – 20 GA Metal Stud Or Equal 2hr rated; 2 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.60	\$7.23	\$0.00	\$17.83
104567	Partition Type C6 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.20	\$7.63	\$0.00	\$18.83
104568	Partition Type D1 – 20 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$13.43	\$9.15	\$0.00	\$22.58

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		Units	Labor	Material	Equipment	Total
104569	Partition Type D2 – 20 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$14.03	\$9.57	\$0.00	\$23.60
104570	Partition Type D3 – 20 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$13.47	\$9.18	\$0.00	\$22.65
104571	Partition Type D4 – 20 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$14.06	\$9.59	\$0.00	\$23.65
104572	Partition Type D5 – 20 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$14.48	\$9.87	\$0.00	\$24.35
104573	Partition Type D6 – 20 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$15.08	\$10.28	\$0.00	\$25.36
104574	Partition Type E1 – 20 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.32	\$11.80	\$0.00	\$29.12
104575	Partition Type E2 – 20 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.92	\$12.21	\$0.00	\$30.13
104576	Partition Type E3 – 20 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.34	\$11.82	\$0.00	\$29.16

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		Units	Labor	Material	Equipment	Total
104577	Partition Type E4 – 20 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.94	\$12.24	\$0.00	\$30.18
104578	Partition Type E5 – 20 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$18.37	\$12.52	\$0.00	\$30.89
104579	Partition Type E6 – 20 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$18.96	\$12.92	\$0.00	\$31.88
104580	Partition Type F1 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.10	\$4.14	\$0.00	\$10.24
104581	Partition Type F2 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; 1 1/2" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$6.69	\$4.56	\$0.00	\$11.25
104582	Partition Type F3 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.14	\$4.86	\$0.00	\$12.00
104583	Partition Type F4 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.73	\$5.27	\$0.00	\$13.00

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		Units	Labor	Material	Equipment	Total
104584	Partition Type F5 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.15	\$5.56	\$0.00	\$13.71
104585	Partition Type F6 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.75	\$5.96	\$0.00	\$14.71
104586	Partition Type G1 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.46	\$5.08	\$0.00	\$12.54
104587	Partition Type G2 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; 1 1/2" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.06	\$5.50	\$0.00	\$13.56
104588	Partition Type G3 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.51	\$5.80	\$0.00	\$14.31
104589	Partition Type G4 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.11	\$6.20	\$0.00	\$15.31
104590	Partition Type G5 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.52	\$6.49	\$0.00	\$16.01

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		Units	Labor	Material	Equipment	Total
104591	Partition Type G6 – 20 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.12	\$6.90	\$0.00	\$17.02
104592	Partition Type H1 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 2 1/2" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.48	\$5.78	\$0.00	\$14.26
104593	Partition Type H2 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 2 1/2" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.07	\$6.18	\$0.00	\$15.25
104594	Partition Type H3 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.26	\$6.31	\$0.00	\$15.57
104595	Partition Type H4 – 20 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.86	\$6.72	\$0.00	\$16.58
104596	Partition Type J1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 7/8" (H) channel; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$2.69	\$1.83	\$0.00	\$4.52
104597	Partition Type J2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.10	\$2.11	\$0.00	\$5.21

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		Units	Labor	Material	Equipment	Total
104598	Partition Type J3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 1/2" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.44	\$2.34	\$0.00	\$5.78
104599	Partition Type J4 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.89	\$2.65	\$0.00	\$6.54
104600	Partition Type K1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 type "x" gwb; 1/2" (R) channel; acoustic sealant at floor and deck; partition to deck	SF	\$2.56	\$1.76	\$0.00	\$4.32
104601	Partition Type L1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 5/8" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$2.54	\$1.73	\$0.00	\$4.27
104602	Partition Type L2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2 1/2" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$2.69	\$1.83	\$0.00	\$4.52
104603	Partition Type L3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 3 5/8" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$2.84	\$1.94	\$0.00	\$4.78

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		Units	Labor	Material	Equipment	Total
104604	Partition Type M1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 5/8" metal stud; 1 1/2" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$2.84	\$1.94	\$0.00	\$4.78
104605	Partition Type M2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2 1/2" metal stud; 2" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.14	\$2.13	\$0.00	\$5.27
104606	Partition Type M3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 3 5/8" metal stud; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.44	\$2.34	\$0.00	\$5.78
104607	Partition Type N1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 3 5/8" metal studs to deck; acoustic sealant at floor	SF	\$4.17	\$2.85	\$0.00	\$7.02
104608	Partition Type N2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 3 5/8" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$4.77	\$3.25	\$0.00	\$8.02
104609	Partition Type N3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 5 1/4" metal studs to deck; acoustic sealant at floor	SF	\$4.21	\$2.88	\$0.00	\$7.09
104610	Partition Type N4 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 5 1/4" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$4.81	\$3.28	\$0.00	\$8.09
104611	Partition Type N5 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 6" metal studs to deck; acoustic sealant at floor	SF	\$4.92	\$3.35	\$0.00	\$8.27

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		Units	Labor	Material	Equipment	Total
104612	Partition Type N6 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 6" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$5.52	\$3.77	\$0.00	\$9.29
104613	Partition Type P1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 2 1/2" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$3.74	\$2.55	\$0.00	\$6.29
104614	Partition Type P2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 2 1/2" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.32	\$2.95	\$0.00	\$7.27
104615	Partition Type P3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 3 5/8" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$3.76	\$2.57	\$0.00	\$6.33
104616	Partition Type P4 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 3 5/8" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.36	\$2.97	\$0.00	\$7.33
104617	Partition Type P5 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 4" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.47	\$3.05	\$0.00	\$7.52

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		Units	Labor	Material	Equipment	Total
104618	Partition Type P6 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 4" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.07	\$3.46	\$0.00	\$8.53
104619	Partition Type R1 – 20 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 3 5/8" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$5.52	\$3.77	\$0.00	\$9.29
104620	Partition Type R2 – 20 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$6.12	\$4.17	\$0.00	\$10.29
104621	Partition Type R3 – 20 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 4" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$5.55	\$3.79	\$0.00	\$9.34
104622	Partition Type R4 – 20 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$6.15	\$4.19	\$0.00	\$10.34
104623	Partition Type R5 – 20 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 6" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$6.27	\$4.28	\$0.00	\$10.55
104624	Partition Type R6 – 20 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$6.87	\$4.68	\$0.00	\$11.55
104625	Partition Type S1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 2 1/2" metal studs to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$8.18	\$5.57	\$0.00	\$13.75

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		Units	Labor	Material	Equipment	Total
104626	Partition Type S2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 2 1/2" metal studs to deck; 3" acoustical batts; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$8.77	\$5.97	\$0.00	\$14.74
104627	Partition Type S3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 3 5/8" metal studs to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$8.96	\$6.11	\$0.00	\$15.07
104628	Partition Type S4 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 3 5/8" metal studs to deck; 3" acoustical batts; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$9.56	\$6.51	\$0.00	\$16.07
104629	Partition Type T1 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 2 1/2" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$8.48	\$5.78	\$0.00	\$14.26
104630	Partition Type T2 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 2 1/2" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$9.07	\$6.18	\$0.00	\$15.25
104631	Partition Type T3 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 3 5/8" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$9.26	\$6.31	\$0.00	\$15.57
104632	Partition Type T4 – 20 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$9.86	\$6.72	\$0.00	\$16.58

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		Units	Labor	Material	Equipment	Total
104633	Partition Type A1 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 3-5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.00	\$4.77	\$0.00	\$11.77
104634	Partition Type A2 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 3-5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.69	\$5.24	\$0.00	\$12.93
104635	Partition Type A3 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.04	\$4.80	\$0.00	\$11.84
104636	Partition Type A4 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.73	\$5.27	\$0.00	\$13.00
104637	Partition Type A5 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.73	\$5.27	\$0.00	\$13.00
104638	Partition Type A6 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 6" metal studs; 3" sab; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.04	\$5.47	\$0.00	\$13.51
104639	Partition Type B1 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 3-5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.99	\$6.13	\$0.00	\$15.12
104640	Partition Type B2 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 3-5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.68	\$6.59	\$0.00	\$16.27

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		Units	Labor	Material	Equipment	Total
104641	Partition Type B3 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.03	\$6.16	\$0.00	\$15.19
104642	Partition Type B4 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.72	\$6.63	\$0.00	\$16.35
104643	Partition Type B5 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.79	\$6.67	\$0.00	\$16.46
104644	Partition Type B6 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.48	\$7.14	\$0.00	\$17.62
104645	Partition Type C1 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.12	\$7.58	\$0.00	\$18.70
104646	Partition Type C2 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.81	\$8.05	\$0.00	\$19.86
104647	Partition Type C3 – 18 GA Metal Stud Or Equal 2hr rated; 2 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.16	\$7.61	\$0.00	\$18.77

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		Units	Labor	Material	Equipment	Total
104648	Partition Type C4 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.84	\$8.07	\$0.00	\$19.91
104649	Partition Type C5 – 18 GA Metal Stud Or Equal 2hr rated; 2 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.19	\$8.31	\$0.00	\$20.50
104650	Partition Type C6 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.88	\$8.78	\$0.00	\$21.66
104651	Partition Type D1 – 18 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$15.46	\$10.53	\$0.00	\$25.99
104652	Partition Type D2 – 18 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$16.13	\$11.00	\$0.00	\$27.13
104653	Partition Type D3 – 18 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$15.49	\$10.56	\$0.00	\$26.05
104654	Partition Type D4 – 18 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$16.17	\$11.03	\$0.00	\$27.20
104655	Partition Type D5 – 18 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$16.65	\$11.35	\$0.00	\$28.00

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		Units	Labor	Material	Equipment	Total
104656	Partition Type D6 – 18 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.34	\$11.82	\$0.00	\$29.16
104657	Partition Type E1 – 18 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$19.92	\$13.57	\$0.00	\$33.49
104658	Partition Type E2 – 18 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$20.60	\$14.04	\$0.00	\$34.64
104659	Partition Type E3 – 18 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$19.95	\$13.60	\$0.00	\$33.55
104660	Partition Type E4 – 18 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$20.63	\$14.07	\$0.00	\$34.70
104661	Partition Type E5 – 18 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$21.11	\$14.40	\$0.00	\$35.51
104662	Partition Type E6 – 18 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$21.80	\$14.86	\$0.00	\$36.66
104663	Partition Type F1 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.00	\$4.77	\$0.00	\$11.77

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		Units	Labor	Material	Equipment	Total
104664	Partition Type F2 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; 1 1/2" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.69	\$5.24	\$0.00	\$12.93
104665	Partition Type F3 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.21	\$5.58	\$0.00	\$13.79
104666	Partition Type F4 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.89	\$6.06	\$0.00	\$14.95
104667	Partition Type F5 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.37	\$6.39	\$0.00	\$15.76
104668	Partition Type F6 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.06	\$6.86	\$0.00	\$16.92
104669	Partition Type G1 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.58	\$5.85	\$0.00	\$14.43
104670	Partition Type G2 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; 1 1/2" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.27	\$6.31	\$0.00	\$15.58

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		Units	Labor	Material	Equipment	Total
104671	Partition Type G3 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.79	\$6.67	\$0.00	\$16.46
104672	Partition Type G4 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.48	\$7.14	\$0.00	\$17.62
104673	Partition Type G5 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.95	\$7.46	\$0.00	\$18.41
104674	Partition Type G6 – 18 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.64	\$7.92	\$0.00	\$19.56
104675	Partition Type H1 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 2 1/2" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.75	\$6.64	\$0.00	\$16.39
104676	Partition Type H2 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 2 1/2" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.44	\$7.11	\$0.00	\$17.55
104677	Partition Type H3 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.65	\$7.25	\$0.00	\$17.90

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		Units	Labor	Material	Equipment	Total
104678	Partition Type H4 – 18 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.33	\$7.73	\$0.00	\$19.06
104679	Partition Type J1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 7/8" (H) channel; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.09	\$2.11	\$0.00	\$5.20
104680	Partition Type J2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.58	\$2.43	\$0.00	\$6.01
104681	Partition Type J3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 1/2" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.94	\$2.69	\$0.00	\$6.63
104682	Partition Type J4 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$4.46	\$3.05	\$0.00	\$7.51
104683	Partition Type K1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 type "x" gwb; 1/2" (R) channel; acoustic sealant at floor and deck; partition to deck	SF	\$2.96	\$2.02	\$0.00	\$4.98

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		Units	Labor	Material	Equipment	Total
104684	Partition Type L1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 5/8" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$2.92	\$1.99	\$0.00	\$4.91
104685	Partition Type L2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2 1/2" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$3.09	\$2.11	\$0.00	\$5.20
104686	Partition Type L3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 3 5/8" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$3.27	\$2.22	\$0.00	\$5.49
104687	Partition Type M1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 5/8" metal stud; 1 1/2" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.27	\$2.22	\$0.00	\$5.49
104688	Partition Type M2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2 1/2" metal stud; 2" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.60	\$2.46	\$0.00	\$6.06
104689	Partition Type M3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 3 5/8" metal stud; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.94	\$2.69	\$0.00	\$6.63
104690	Partition Type N1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 3 5/8" metal studs to deck; acoustic sealant at floor	SF	\$4.81	\$3.28	\$0.00	\$8.09

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		Units	Labor	Material	Equipment	Total
104691	Partition Type N2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 3 5/8" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$5.50	\$3.74	\$0.00	\$9.24
104692	Partition Type N3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 5 1/4" metal studs to deck; acoustic sealant at floor	SF	\$4.84	\$3.30	\$0.00	\$8.14
104693	Partition Type N4 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 5 1/4" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$5.53	\$3.78	\$0.00	\$9.31
104694	Partition Type N5 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 6" metal studs to deck; acoustic sealant at floor	SF	\$5.67	\$3.86	\$0.00	\$9.53
104695	Partition Type N6 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 6" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$6.35	\$4.33	\$0.00	\$10.68
104696	Partition Type P1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 2 1/2" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.29	\$2.93	\$0.00	\$7.22
104697	Partition Type P2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 2 1/2" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.98	\$3.39	\$0.00	\$8.37

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		Units	Labor	Material	Equipment	Total
104698	Partition Type P3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 3 5/8" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.32	\$2.95	\$0.00	\$7.27
104699	Partition Type P4 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 3 5/8" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.01	\$3.43	\$0.00	\$8.44
104700	Partition Type P5 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 4" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.15	\$3.51	\$0.00	\$8.66
104701	Partition Type P6 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 4" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.84	\$3.97	\$0.00	\$9.81
104702	Partition Type R1 – 18 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 3 5/8" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$6.35	\$4.33	\$0.00	\$10.68
104703	Partition Type R2 – 18 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$7.04	\$4.80	\$0.00	\$11.84
104704	Partition Type R3 – 18 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 4" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$6.38	\$4.36	\$0.00	\$10.74

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		Units	Labor	Material	Equipment	Total
104705	Partition Type R4 – 18 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$7.07	\$4.83	\$0.00	\$11.90
104706	Partition Type R5 – 18 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 6" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$7.21	\$4.91	\$0.00	\$12.12
104707	Partition Type R6 – 18 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$7.90	\$5.39	\$0.00	\$13.29
104708	Partition Type S1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 2 1/2" metal studs to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$9.41	\$6.41	\$0.00	\$15.82
104709	Partition Type S2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 2 1/2" metal studs to deck; 3" acoustical batts; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$10.10	\$6.88	\$0.00	\$16.98
104710	Partition Type S3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 3 5/8" metal studs to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$10.30	\$7.02	\$0.00	\$17.32
104711	Partition Type S4 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 3 5/8" metal studs to deck; 3" acoustical batts; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$10.98	\$7.48	\$0.00	\$18.46

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		Units	Labor	Material	Equipment	Total
104712	Partition Type T1 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 2 1/2" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$9.75	\$6.64	\$0.00	\$16.39
104713	Partition Type T2 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 2 1/2" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$10.44	\$7.11	\$0.00	\$17.55
104714	Partition Type T3 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 3 5/8" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$10.65	\$7.25	\$0.00	\$17.90
104715	Partition Type T4 – 18 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$11.33	\$7.73	\$0.00	\$19.06
104716	Partition Type A1 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 3-5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.61	\$5.18	\$0.00	\$12.79
104717	Partition Type A2 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 3-5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.36	\$5.69	\$0.00	\$14.05
104718	Partition Type A3 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.65	\$5.22	\$0.00	\$12.87
104719	Partition Type A4 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.40	\$5.73	\$0.00	\$14.13
104720	Partition Type A5 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.40	\$5.73	\$0.00	\$14.13

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		Units	Labor	Material	Equipment	Total
104721	Partition Type A6 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb each side; 6" metal studs; 3" sab; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.74	\$5.95	\$0.00	\$14.69
104722	Partition Type B1 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 3-5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.78	\$6.66	\$0.00	\$16.44
104723	Partition Type B2 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 3-5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.52	\$7.17	\$0.00	\$17.69
104724	Partition Type B3 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.81	\$6.69	\$0.00	\$16.50
104725	Partition Type B4 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.56	\$7.20	\$0.00	\$17.76
104726	Partition Type B5 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.64	\$7.25	\$0.00	\$17.89
104727	Partition Type B6 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 2 layers of 5/8 type "x" gwb other side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.38	\$7.77	\$0.00	\$19.15

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		Units	Labor	Material	Equipment	Total
104728	Partition Type C1 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.09	\$8.24	\$0.00	\$20.33
104729	Partition Type C2 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.83	\$8.74	\$0.00	\$21.57
104730	Partition Type C3 – 16 GA Metal Stud Or Equal 2hr rated; 2 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.13	\$8.26	\$0.00	\$20.39
104731	Partition Type C4 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.88	\$8.78	\$0.00	\$21.66
104732	Partition Type C5 – 16 GA Metal Stud Or Equal 2hr rated; 2 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$13.25	\$9.03	\$0.00	\$22.28
104733	Partition Type C6 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$14.00	\$9.54	\$0.00	\$23.54
104734	Partition Type D1 – 16 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$16.79	\$11.45	\$0.00	\$28.24
104735	Partition Type D2 – 16 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.54	\$11.96	\$0.00	\$29.50

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		Units	Labor	Material	Equipment	Total
104736	Partition Type D3 – 16 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$16.84	\$11.48	\$0.00	\$28.32
104737	Partition Type D4 – 16 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$17.58	\$11.99	\$0.00	\$29.57
104738	Partition Type D5 – 16 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$18.10	\$12.34	\$0.00	\$30.44
104739	Partition Type D6 – 16 GA Metal Stud Or Equal 3 hr rated; 3 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$18.85	\$12.85	\$0.00	\$31.70
104740	Partition Type E1 – 16 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$21.64	\$14.75	\$0.00	\$36.39
104741	Partition Type E2 – 16 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$22.39	\$15.26	\$0.00	\$37.65
104742	Partition Type E3 – 16 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 4" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$21.69	\$14.79	\$0.00	\$36.48
104743	Partition Type E4 – 16 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$22.42	\$15.30	\$0.00	\$37.72

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		Units	Labor	Material	Equipment	Total
104744	Partition Type E5 – 16 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 6" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$22.95	\$15.65	\$0.00	\$38.60
104745	Partition Type E6 – 16 GA Metal Stud Or Equal 4 hr rated; 4 layers 5/8 type "x" gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$23.70	\$16.15	\$0.00	\$39.85
104746	Partition Type F1 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$7.61	\$5.18	\$0.00	\$12.79
104747	Partition Type F2 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; 1 1/2" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.36	\$5.69	\$0.00	\$14.05
104748	Partition Type F3 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$8.92	\$6.07	\$0.00	\$14.99
104749	Partition Type F4 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.67	\$6.58	\$0.00	\$16.25
104750	Partition Type F5 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.19	\$6.95	\$0.00	\$17.14

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		Units	Labor	Material	Equipment	Total
104751	Partition Type F6 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.94	\$7.46	\$0.00	\$18.40
104752	Partition Type G1 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$9.33	\$6.36	\$0.00	\$15.69
104753	Partition Type G2 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 2 1/2" metal CH studs; 1 1/2" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.07	\$6.86	\$0.00	\$16.93
104754	Partition Type G3 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.64	\$7.25	\$0.00	\$17.89
104755	Partition Type G4 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 4" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.38	\$7.77	\$0.00	\$19.15
104756	Partition Type G5 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.90	\$8.11	\$0.00	\$20.01
104757	Partition Type G6 – 16 GA Metal Stud Or Equal 2 hr rated; 2 layers 5/8 type "x" gwb one side; 1" type "x" gypsum liner panel other side; 6" metal CH studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.65	\$8.62	\$0.00	\$21.27

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		Units	Labor	Material	Equipment	Total
104758	Partition Type H1 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 2 1/2" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$10.60	\$7.22	\$0.00	\$17.82
104759	Partition Type H2 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 2 1/2" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.35	\$7.73	\$0.00	\$19.08
104760	Partition Type H3 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 3 5/8" metal studs; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$11.57	\$7.89	\$0.00	\$19.46
104761	Partition Type H4 – 16 GA Metal Stud Or Equal 1 hr rated; 5/8 type "x" GWB each side; 2 rows 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor; fire resistive joint system at deck; partition to deck	SF	\$12.32	\$8.40	\$0.00	\$20.72
104762	Partition Type J1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 7/8" (H) channel; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.36	\$2.29	\$0.00	\$5.65
104763	Partition Type J2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$3.89	\$2.65	\$0.00	\$6.54
104764	Partition Type J3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 1/2" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$4.29	\$2.93	\$0.00	\$7.22

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		Units	Labor	Material	Equipment	Total
104765	Partition Type J4 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2" (Z) furring; acoustic sealant at floor; Partition to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, partition can stop a minimum of 6" above finished ceiling	SF	\$4.85	\$3.30	\$0.00	\$8.15
104766	Partition Type K1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 type "x" gwb; 1/2" (R) channel; acoustic sealant at floor and deck; partition to deck	SF	\$3.21	\$2.19	\$0.00	\$5.40
104767	Partition Type L1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 5/8" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$3.17	\$2.16	\$0.00	\$5.33
104768	Partition Type L2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2 1/2" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$3.36	\$2.29	\$0.00	\$5.65
104769	Partition Type L3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 3 5/8" metal stud to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$3.54	\$2.41	\$0.00	\$5.95
104770	Partition Type M1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 1 5/8" metal stud; 1 1/2" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.54	\$2.41	\$0.00	\$5.95
104771	Partition Type M2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 2 1/2" metal stud; 2" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$3.92	\$2.67	\$0.00	\$6.59

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		Units	Labor	Material	Equipment	Total
104772	Partition Type M3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb; 3 5/8" metal stud; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$4.29	\$2.93	\$0.00	\$7.22
104773	Partition Type N1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 3 5/8" metal studs to deck; acoustic sealant at floor	SF	\$5.22	\$3.56	\$0.00	\$8.78
104774	Partition Type N2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 3 5/8" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$5.97	\$4.07	\$0.00	\$10.04
104775	Partition Type N3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 5 1/4" metal studs to deck; acoustic sealant at floor	SF	\$5.27	\$3.60	\$0.00	\$8.87
104776	Partition Type N4 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 5 1/4" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$6.00	\$4.11	\$0.00	\$10.11
104777	Partition Type N5 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 6" metal studs to deck; acoustic sealant at floor	SF	\$6.15	\$4.19	\$0.00	\$10.34
104778	Partition Type N6 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to a minimum of 4" above ceiling; 6" metal studs to deck; 3" acoustical batts to a minimum 4" above ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor	SF	\$6.90	\$4.71	\$0.00	\$11.61

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		Units	Labor	Material	Equipment	Total
104779	Partition Type P1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 2 1/2" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.67	\$3.18	\$0.00	\$7.85
104780	Partition Type P2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 2 1/2" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.42	\$3.69	\$0.00	\$9.11
104781	Partition Type P3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 3 5/8" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$4.70	\$3.21	\$0.00	\$7.91
104782	Partition Type P4 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 3 5/8" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.45	\$3.72	\$0.00	\$9.17
104783	Partition Type P5 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 4" metal studs to underside of ceiling; acoustic sealant at floor and compressible gasket at ceiling	SF	\$5.60	\$3.82	\$0.00	\$9.42
104784	Partition Type P6 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side to underside of ceiling; 4" metal studs to underside of ceiling; 3" acoustical batts to underside of ceiling; 3" acoustical batts above ceiling - 2' each side of partition; acoustic sealant at floor and compressible gasket at ceiling	SF	\$6.35	\$4.33	\$0.00	\$10.68

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		Units	Labor	Material	Equipment	Total
104785	Partition Type R1 – 16 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 3 5/8" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$6.90	\$4.71	\$0.00	\$11.61
104786	Partition Type R2 – 16 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$7.65	\$5.22	\$0.00	\$12.87
104787	Partition Type R3 – 16 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 4" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$6.95	\$4.74	\$0.00	\$11.69
104788	Partition Type R4 – 16 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 4" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$7.69	\$5.24	\$0.00	\$12.93
104789	Partition Type R5 – 16 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 6" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$7.84	\$5.34	\$0.00	\$13.18
104790	Partition Type R6 – 16 GA Metal Stud Or Equal non-rated; 5/8 gwb each side; 6" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$8.58	\$5.85	\$0.00	\$14.43
104791	Partition Type S1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 2 1/2" metal studs to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$10.22	\$6.96	\$0.00	\$17.18
104792	Partition Type S2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 2 1/2" metal studs to deck; 3" acoustical batts; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$10.97	\$7.47	\$0.00	\$18.44

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		Units	Labor	Material	Equipment	Total
104793	Partition Type S3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 3 5/8" metal studs to deck; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$11.20	\$7.63	\$0.00	\$18.83
104794	Partition Type S4 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows of 3 5/8" metal studs to deck; 3" acoustical batts; acoustic sealant at floor; GWB to deck with acoustic sealant only where a no ceiling condition occurs. Where a ceiling occurs, stop gwb a minimum of 6" above finished ceiling	SF	\$11.94	\$8.14	\$0.00	\$20.08
104795	Partition Type T1 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 2 1/2" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$10.60	\$7.22	\$0.00	\$17.82
104796	Partition Type T2 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 2 1/2" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$11.35	\$7.73	\$0.00	\$19.08
104797	Partition Type T3 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 3 5/8" metal studs; acoustic sealant at floor and deck; partition to deck	SF	\$11.57	\$7.89	\$0.00	\$19.46
104798	Partition Type T4 – 16 GA Metal Stud Or Equal non-rated; 1 layer 5/8 gwb each side; 2 rows 3 5/8" metal studs; 3" acoustical batts; acoustic sealant at floor and deck; partition to deck	SF	\$12.32	\$8.40	\$0.00	\$20.72
104799	GWB Ceiling System Gypsum board on suspended load bearing main and secondary rail support grid or light gauge framing. Control and edge joint trims included	SF	\$4.69	\$5.85	\$0.00	\$10.54
104800	GWB Soffit System Vertical Includes 3 5/8" metal stud; 1 layer of 5/8" GWB fully finished	SF	\$6.18	\$3.82	\$0.00	\$10.00

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		Units	Labor	Material	Equipment	Total
104801	GWB Soffit System Horizontal Gypsum board on load bearing main and secondary rail support grid, and/or light gauge framing. Control and edge joint trims included	SF	\$6.18	\$4.13	\$0.00	\$10.31
104802	GWB Bulkhead/Soffit - 5/8" Includes GWB, beads, casing, taped and finished (level 4)	SF	\$3.05	\$0.85	\$0.00	\$3.90
104803	GWB Bulkhead/Soffit - 1/2" Includes GWB, beads, casing, taped and finished (level 4)	SF	\$3.05	\$0.74	\$0.00	\$3.79
104804	GWB Taped and Finished – 1/2" Thick Includes single layer of GWB taped and finished. Partition systems already include this item	SF	\$0.90	\$0.99	\$0.00	\$1.89
104805	GWB Taped and Finished – 1/2" Thick (Water Resistant) Includes single layer of GWB taped and finished. Partition systems already include this item	SF	\$0.90	\$1.05	\$0.00	\$1.95
104806	GWB Taped and Finished – 5/8" Thick Includes single layer of GWB taped and finished. Partition systems already include this item	SF	\$0.97	\$1.15	\$0.00	\$2.12
104807	GWB Taped and Finished – 5/8" Thick (Water Resistant) Includes single layer of GWB taped and finished. Partition systems already include this item	SF	\$0.97	\$1.21	\$0.00	\$2.18
104808	Metal Stud Up To 4", 20 GA, 12" O.C. (> 500 SF) Partition systems already include this item	SF	\$3.40	\$4.53	\$0.00	\$7.93
104809	Metal Stud Up To 4", 20 GA, 16" O.C. (> 500 SF) Partition systems already include this item	SF	\$2.62	\$3.49	\$0.00	\$6.11
104810	Metal Stud Up To 4", 20 GA, 24" O.C. (> 500 SF) Partition systems already include this item	SF	\$2.01	\$2.16	\$0.00	\$4.17
104811	Metal Stud Up To 6", 20 GA, 12" O.C. (> 500 SF) Partition systems already include this item	SF	\$3.59	\$5.22	\$0.00	\$8.81
104812	Metal Stud Up To 6", 20 GA, 16" O.C. (> 500 SF) Partition systems already include this item	SF	\$2.76	\$4.01	\$0.00	\$6.77
104813	Metal Stud Up To 6", 20 GA, 24" O.C. (> 500 SF) Partition systems already include this item	SF	\$2.13	\$2.49	\$0.00	\$4.62
104814	Metal Stud Up To 8", 20 GA, 12" O.C. (> 500 SF) Partition systems already include this item	SF	\$3.98	\$6.00	\$0.00	\$9.98

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		Units	Labor	Material	Equipment	Total
104815	Metal Stud Up To 8", 20 GA, 16" O.C. (> 500 SF) Partition systems already include this item	SF	\$3.07	\$4.61	\$0.00	\$7.68
104816	Metal Stud Up To 8", 20 GA, 24" O.C. (> 500 SF) Partition systems already include this item	SF	\$2.36	\$2.85	\$0.00	\$5.21
104817	[Modifier] Level Five Finish (Per Side)	SF	\$0.53	\$0.21	\$0.00	\$0.74
104818	[Modifier] Textured Finish (Per Side)	SF	\$0.53	\$0.21	\$0.00	\$0.74
104819	[Modifier] Add Strait-Flex Tape	SF	\$0.14	\$0.06	\$0.00	\$0.20
104820	[Modifier] For Abuse Resistant GWB (Per Side)	SF	\$0.39	\$0.57	\$0.00	\$0.96
104821	[Modifier] For High Impact GWB (Per Side)	SF	\$0.39	\$1.06	\$0.00	\$1.45
104822	[Modifier] For Cement Board (Per Side)	SF	\$0.39	\$0.79	\$0.00	\$1.18
104823	[Modifier] Quantity Premium - Gypsum Board Assemblies (101-500 SF) Quantity premium can be used when total square footage in section 09-21-16 Gypsum Board Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
104824	[Modifier] Quantity Premium - Gypsum Board Assemblies (51-100 SF) Quantity premium can be used when total square footage in section 09-21-16 Gypsum Board Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
104825	[Modifier] Quantity Premium - Gypsum Board Assemblies (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-21-16 Gypsum Board Assemblies are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-22-00 Supports for Plaster and Gypsum Board

09-22-16 Non-Structural Metal Framing

104826	Cantilevered Partial Wall Support - Pony Wall - 16 GA - Up To 48" Tall Partial wall framing connection to floor for unsupported top track. Similar to Clark Dietrich Pony Wall Support. Includes all necessary concrete drilling and inserts	EA	\$89.46	\$68.00	\$0.00	\$157.46
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The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
104827	Cantilevered Partial Wall Support - Pony Wall - 12 GA - Up To 36" Tall Partial wall framing connection to floor for unsupported top track. Similar to Clark Dietrich Pony Wall Support. Includes all necessary concrete drilling and inserts	EA	\$102.75	\$90.44	\$0.00	\$193.19
09-24-00 Cement Plastering						
09-24-23 Cement Stucco						
104828	Stucco – 3 Coats With Mesh System includes up to three coats and all miscellaneous screeds, aid, termination, expanded metals / wire, building paper, fasteners, flashings, sealants and textures	SF	\$7.53	\$2.52	\$0.00	\$10.05
104829	[Modifier] Quantity Premium - Cement Stucco (101-500 SF) Quantity premium can be used when total square footage in section 09-24-23 Cement Stucco are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
104830	[Modifier] Quantity Premium - Cement Stucco (51-100 SF) Quantity premium can be used when total square footage in section 09-24-23 Cement Stucco are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
104831	[Modifier] Quantity Premium - Cement Stucco (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-24-23 Cement Stucco are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-24-26 Glass-Fiber-Reinforced Concrete Fabrications						
104832	Glass Fiber Reinforced Concrete (GFRC) Column Covers	SF	\$6.49	\$27.48	\$0.00	\$33.97
104833	Glass Fiber Reinforced Concrete (GFRC) Wall Covering	SF	\$4.54	\$19.24	\$0.00	\$23.78
104834	Glass Fiber Reinforced Concrete (GFRC) Banding / Cornice up to 4" Built up combinations may be added cumulatively	LF	\$9.42	\$11.45	\$0.00	\$20.87
104835	Glass Fiber Reinforced Concrete (GFRC) Banding / Cornice up to 6" Built up combinations may be added cumulatively	LF	\$10.46	\$15.26	\$0.00	\$25.72

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		Units	Labor	Material	Equipment	Total
104836	Glass Fiber Reinforced Concrete (GFRC) Banding / Cornice up to 8" Built up combinations may be added cumulatively	LF	\$11.78	\$19.08	\$0.00	\$30.86
104837	Glass Fiber Reinforced Concrete (GFRC) Banding / Cornice up to 12" Built up combinations may be added cumulatively	LF	\$15.70	\$22.89	\$0.00	\$38.59
104838	Glass Fiber Reinforced Concrete (GFRC) Sill	LF	\$9.42	\$12.40	\$0.00	\$21.82
104839	Glass Fiber Reinforced Concrete (GFRC) Header	LF	\$11.78	\$20.03	\$0.00	\$31.81
104840	Glass Fiber Reinforced Concrete (GFRC) Corbel	EA	\$234.31	\$314.82	\$0.00	\$549.13
104841	Glass Fiber Reinforced Concrete (GFRC) Column Cap Or Base	EA	\$234.31	\$381.60	\$0.00	\$615.91
104842	[Modifier] Quantity Premium - Glass-Fiber-Reinforced Concrete Fabrications (101-500 SF) Quantity premium can be used when total square footage in section 09-27-13 Glass-Fiber-Reinforced Concrete Fabrications are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
104843	[Modifier] Quantity Premium - Glass-Fiber-Reinforced Concrete Fabrications (51-100 SF) Quantity premium can be used when total square footage in section 09-27-13 Glass-Fiber-Reinforced Concrete Fabrications are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
104844	[Modifier] Quantity Premium - Glass-Fiber-Reinforced Concrete Fabrications (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-27-13 Glass-Fiber-Reinforced Concrete Fabrications are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-27-00 Plaster Fabrications

09-27-13 Glass-Fiber-Reinforced Gypsum Fabrications

104845	Glass Fiber Reinforced Gypsum (GFRG) Column Covers	SF	\$4.32	\$18.32	\$0.00	\$22.64
104846	Glass Fiber Reinforced Gypsum (GFRG) Wall Covering	SF	\$3.02	\$12.82	\$0.00	\$15.84
104847	Glass Fiber Reinforced Gypsum (GFRG) Banding / Cornice up to 4" Built up combinations may be added cumulatively	LF	\$6.28	\$7.63	\$0.00	\$13.91

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		Units	Labor	Material	Equipment	Total
104848	Glass Fiber Reinforced Gypsum (GFRG) Banding / Cornice up to 6" Built up combinations may be added cumulatively	LF	\$6.98	\$10.18	\$0.00	\$17.16
104849	Glass Fiber Reinforced Gypsum (GFRG) Banding / Cornice up to 8" Built up combinations may be added cumulatively	LF	\$7.85	\$12.73	\$0.00	\$20.58
104850	Glass Fiber Reinforced Gypsum (GFRG) Banding / Cornice up to 12" Built up combinations may be added cumulatively	LF	\$10.46	\$15.26	\$0.00	\$25.72
104851	Glass Fiber Reinforced Gypsum (GFRG) Sill	LF	\$6.28	\$8.26	\$0.00	\$14.54
104852	Glass Fiber Reinforced Gypsum (GFRG) Header	LF	\$7.85	\$13.36	\$0.00	\$21.21
104853	Glass Fiber Reinforced Gypsum (GFRG) Corbel	EA	\$156.20	\$209.88	\$0.00	\$366.08
104854	Glass Fiber Reinforced Gypsum (GFRG) Column Cap Or Base	EA	\$156.20	\$254.41	\$0.00	\$410.61
104855	[Modifier] Quantity Premium - Glass-Fiber-Reinforced Concrete Fabrications (101-500 SF) Quantity premium can be used when total square footage in section 09-27-13 Glass-Fiber-Reinforced Gypsum Fabrications are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
104856	[Modifier] Quantity Premium - Glass-Fiber-Reinforced Concrete Fabrications (51-100 SF) Quantity premium can be used when total square footage in section 09-27-13 Glass-Fiber-Reinforced Gypsum Fabrications are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
104857	[Modifier] Quantity Premium - Glass-Fiber-Reinforced Concrete Fabrications (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-27-13 Glass-Fiber-Reinforced Gypsum Fabrications are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-30-00 Tiling

Tile work includes glazed and unglazed tile materials, cement or modified setting, profiling floors to drain, mortars, grouts, sealers, spacers, trim pieces, marble thresholds or equal unless noted otherwise, termination strips, expansion strips, and reveals for a complete flooring installation

09-30-00 Tiling

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Units Labor Material Equipment Total
Tile work includes glazed and unglazed tile materials, cement or modified setting, profiling floors to drain, mortars, grouts, sealers, spacers, trim pieces, marble thresholds or equal unless noted otherwise, termination strips, expansion strips, and reveals for a complete flooring installation

09-30-13 Ceramic Tiling

104858	Ceramic Tile Floor – Class 1 Up To 3/4" Thick Class 2: up To 1/2" thick	SF	\$5.49	\$11.95	\$0.00	\$17.44
104859	Ceramic Tile Floor – Class 1 Up To 3/4" Thick – Large Format > 1'-0" x 2'-0" Class 2: up To 1/2" thick	SF	\$6.04	\$12.54	\$0.00	\$18.58
104860	Ceramic Tile Floor – Class 2 Up To 1/2" Thick Class 2: up To 1/2" thick	SF	\$5.49	\$9.96	\$0.00	\$15.45
104861	Ceramic Tile Floor – Class 2 Up To 1/2" Thick – Large Format > 1'-0" x 2'-0" Class 2: up To 1/2" thick	SF	\$6.04	\$10.45	\$0.00	\$16.49
104862	Ceramic Tile Floor – Class 3 Up To 1/4" Thick Class 2: up To 1/2" thick	SF	\$5.49	\$7.96	\$0.00	\$13.45
104863	Ceramic Tile Floor – Class 3 Up To 1/4" Thick – Large Format > 1'-0" x 2'-0" Class 2: up To 1/2" thick	SF	\$6.04	\$8.36	\$0.00	\$14.40
104864	Ceramic Tile Wall – Class 1 Up To 3/4" Thick Class 2: up To 1/2" thick	SF	\$6.46	\$11.95	\$0.00	\$18.41
104865	Ceramic Tile Wall – Class 1 Up To 3/4" Thick – Large Format > 1'-0" x 2'-0" Class 2: up To 1/2" thick	SF	\$7.11	\$12.54	\$0.00	\$19.65
104866	Ceramic Tile Wall – Class 2 Up To 1/2" Thick Class 2: up To 1/2" thick	SF	\$6.46	\$9.96	\$0.00	\$16.42
104867	Ceramic Tile Wall – Class 2 Up To 1/2" Thick – Large Format > 1'-0" x 2'-0" Class 2: up To 1/2" thick	SF	\$7.11	\$10.45	\$0.00	\$17.56
104868	Ceramic Tile Wall – Class 3 Up To 1/4" Thick Class 2: up To 1/2" thick	SF	\$6.46	\$7.96	\$0.00	\$14.42
104869	Ceramic Tile Wall – Class 3 Up To 1/4" Thick – Large Format > 1'-0" x 2'-0" Class 2: up To 1/2" thick	SF	\$7.11	\$8.36	\$0.00	\$15.47
104870	Ceramic Tile Base 4" Tall – Class 1 Up To 3/4" Thick Class 2: up To 1/2" thick	LF	\$8.57	\$8.87	\$0.00	\$17.44
104871	Ceramic Tile Base 4" Tall – Class 2 Up To 1/2" Thick Class 2: up To 1/2" thick	LF	\$8.57	\$7.40	\$0.00	\$15.97
104872	Ceramic Tile Base 4" Tall – Class 3 Up To 1/4" Thick Class 2: up To 1/2" thick	LF	\$8.57	\$5.92	\$0.00	\$14.49
104873	Ceramic Tile Base 6" Tall – Class 1 Up To 3/4" Thick Class 2: up To 1/2" thick	LF	\$8.57	\$9.76	\$0.00	\$18.33

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		Units	Labor	Material	Equipment	Total
104874	Ceramic Tile Base 6" Tall – Class 2 Up To 1/2" Thick Class 2: up To 1/2" thick	LF	\$8.57	\$8.14	\$0.00	\$16.71
104875	Ceramic Tile Base 6" Tall – Class 3 Up To 1/4" Thick Class 2: up To 1/2" thick	LF	\$8.57	\$6.51	\$0.00	\$15.08
104876	Ceramic Mosaic Tile Floor – Tile Class 1 Off Whites Tile Class 1: Off whites	SF	\$5.76	\$10.95	\$0.00	\$16.71
104877	Ceramic Mosaic Tile Floor – Tile Class 1 Off Whites – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$6.34	\$11.50	\$0.00	\$17.84
104878	Ceramic Mosaic Tile Floor – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	SF	\$5.76	\$13.14	\$0.00	\$18.90
104879	Ceramic Mosaic Tile Floor – Tile Class 2 Blacks and Grays – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$6.34	\$13.80	\$0.00	\$20.14
104880	Ceramic Mosaic Tile Floor – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	SF	\$5.76	\$14.24	\$0.00	\$20.00
104881	Ceramic Mosaic Tile Floor – Tile Class 3 Primary and Secondary Bright Colors – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$6.34	\$14.94	\$0.00	\$21.28
104882	Ceramic Mosaic Tile Wall – Tile Class 1 Off Whites Tile Class 1: Off whites	SF	\$6.78	\$10.95	\$0.00	\$17.73
104883	Ceramic Mosaic Tile Wall – Tile Class 1 Off Whites – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$7.46	\$11.50	\$0.00	\$18.96
104884	Ceramic Mosaic Tile Wall – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	SF	\$6.78	\$13.14	\$0.00	\$19.92
104885	Ceramic Mosaic Tile Wall – Tile Class 2 Blacks and Grays – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$7.46	\$13.80	\$0.00	\$21.26
104886	Ceramic Mosaic Tile Wall – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	SF	\$6.78	\$14.24	\$0.00	\$21.02
104887	Ceramic Mosaic Tile Wall – Tile Class 3 Primary and Secondary Bright Colors – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$7.46	\$14.94	\$0.00	\$22.40
104888	Ceramic Mosaic Tile Base 4" Tall – Tile Class 1 Off Whites Tile Class 1: Off whites	LF	\$8.99	\$8.14	\$0.00	\$17.13
104889	Ceramic Mosaic Tile Base 4" Tall – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	LF	\$8.99	\$9.76	\$0.00	\$18.75

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		Units	Labor	Material	Equipment	Total
104890	Ceramic Mosaic Tile Base 4" Tall – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	LF	\$8.99	\$10.58	\$0.00	\$19.57
104891	Ceramic Mosaic Tile Base 6" Tall – Tile Class 1 Off Whites Tile Class 1: Off whites	LF	\$8.99	\$8.96	\$0.00	\$17.95
104892	Ceramic Mosaic Tile Base 6" Tall – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	LF	\$8.99	\$10.75	\$0.00	\$19.74
104893	Ceramic Mosaic Tile Base 6" Tall – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	LF	\$8.99	\$11.64	\$0.00	\$20.63
104894	Porcelain Tile Floor – Class I Or II Hardness Less than 5 Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$5.49	\$8.81	\$0.00	\$14.30
104895	Porcelain Tile Floor – Class I Or II Hardness Less than 5 – Large Format > 1'-0" x 2'-0" Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$6.59	\$9.25	\$0.00	\$15.84
104896	Porcelain Tile Floor – Class III Hardness of 5 to 7 Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$5.49	\$11.02	\$0.00	\$16.51
104897	Porcelain Tile Floor – Class III Hardness of 5 to 7 – Large Format > 1'-0" x 2'-0" Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$6.59	\$11.57	\$0.00	\$18.16
104898	Porcelain Tile Floor – Class IV Hardness Greater than 7 Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$5.49	\$13.21	\$0.00	\$18.70
104899	Porcelain Tile Floor – Class IV Hardness Greater than 7 – Large Format > 1'-0" x 2'-0" Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$6.59	\$13.87	\$0.00	\$20.46
104900	Porcelain Wall Tile – Class I Or II Hardness Less than 5 Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$6.46	\$8.81	\$0.00	\$15.27
104901	Porcelain Wall Tile – Class I Or II Hardness Less than 5 – Large Format > 1'-0" x 2'-0" Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$7.75	\$9.25	\$0.00	\$17.00
104902	Porcelain Tile Wall – Class III Hardness of 5 to 7 Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$6.46	\$11.02	\$0.00	\$17.48
104903	Porcelain Wall Tile – Class III Hardness of 5 to 7 – Large Format > 1'-0" x 2'-0" Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$7.75	\$11.57	\$0.00	\$19.32

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		Units	Labor	Material	Equipment	Total
104904	Porcelain Wall Tile – Class IV Hardness Greater than 7 Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$6.46	\$13.21	\$0.00	\$19.67
104905	Porcelain Wall Tile – Class IV Hardness Greater than 7 – Large Format > 1'-0" x 2'-0" Class III: Porcelain Enamel Institute, Hardness 5-7	SF	\$7.75	\$13.87	\$0.00	\$21.62
104906	Porcelain Tile Base 4" Tall – Class I Or II Hardness Less than 5 Class III: Porcelain Enamel Institute, Hardness 5-7	LF	\$8.57	\$6.81	\$0.00	\$15.38
104907	Porcelain Tile Base 4" Tall – Class III Hardness of 5 to 7 Class III: Porcelain Enamel Institute, Hardness 5-7	LF	\$8.57	\$8.51	\$0.00	\$17.08
104908	Porcelain Tile Base 4" Tall – Class IV Hardness Greater than 7 Class III: Porcelain Enamel Institute, Hardness 5-7	LF	\$8.57	\$10.22	\$0.00	\$18.79
104909	Porcelain Tile Base 6" Tall – Class I Or II Hardness Less than 5 Class III: Porcelain Enamel Institute, Hardness 5-7	LF	\$8.57	\$7.48	\$0.00	\$16.05
104910	Porcelain Tile Base 6" Tall – Class III Hardness of 5 to 7 Class III: Porcelain Enamel Institute, Hardness 5-7	LF	\$8.57	\$9.36	\$0.00	\$17.93
104911	Porcelain Tile Base 6" Tall – Class IV Hardness Greater than 7 Class III: Porcelain Enamel Institute, Hardness 5-7	LF	\$8.57	\$11.23	\$0.00	\$19.80
104912	Porcelain Mosaic Tile Floor – Tile Class 1 Off Whites Tile Class 1: Off whites	SF	\$5.76	\$12.12	\$0.00	\$17.88
104913	Porcelain Mosaic Tile Floor – Tile Class 1 Off Whites – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$6.34	\$12.73	\$0.00	\$19.07
104914	Porcelain Mosaic Tile Floor – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	SF	\$5.76	\$14.54	\$0.00	\$20.30
104915	Porcelain Mosaic Tile Floor – Tile Class 2 Blacks and Grays – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$6.34	\$15.26	\$0.00	\$21.60
104916	Porcelain Mosaic Tile Floor – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	SF	\$5.76	\$15.75	\$0.00	\$21.51
104917	Porcelain Mosaic Tile Floor – Tile Class 3 Primary and Secondary Bright Colors – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$6.34	\$16.53	\$0.00	\$22.87

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		Units	Labor	Material	Equipment	Total
104918	Porcelain Mosaic Tile Wall – Tile Class 1 Off Whites Tile Class 1: Off whites	SF	\$6.78	\$12.12	\$0.00	\$18.90
104919	Porcelain Mosaic Tile Wall – Tile Class 1 Off Whites – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$7.46	\$12.73	\$0.00	\$20.19
104920	Porcelain Mosaic Tile Wall – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	SF	\$6.78	\$14.54	\$0.00	\$21.32
104921	Porcelain Mosaic Tile Wall – Tile Class 2 Blacks and Grays – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$7.46	\$15.26	\$0.00	\$22.72
104922	Porcelain Mosaic Tile Wall – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	SF	\$6.78	\$15.75	\$0.00	\$22.53
104923	Porcelain Mosaic Tile Wall – Tile Class 3 Primary and Secondary Bright Colors – Large Format > 1'-0" x 2'-0" Tile Class 1: Off whites	SF	\$7.46	\$16.53	\$0.00	\$23.99
104924	Porcelain Mosaic Tile Base 4" Tall – Tile Class 1 Off Whites Tile Class 1: Off whites	LF	\$8.99	\$9.36	\$0.00	\$18.35
104925	Porcelain Mosaic Tile Base 4" Tall – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	LF	\$8.99	\$11.23	\$0.00	\$20.22
104926	Porcelain Mosaic Tile Base 4" Tall – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	LF	\$8.99	\$12.17	\$0.00	\$21.16
104927	Porcelain Mosaic Tile Base 6" Tall – Tile Class 1 Off Whites Tile Class 1: Off whites	LF	\$8.99	\$10.30	\$0.00	\$19.29
104928	Porcelain Mosaic Tile Base 6" Tall – Tile Class 2 Blacks and Grays Tile Class 1: Off whites	LF	\$8.99	\$12.36	\$0.00	\$21.35
104929	Porcelain Mosaic Tile Base 6" Tall – Tile Class 3 Primary and Secondary Bright Colors Tile Class 1: Off whites	LF	\$8.99	\$13.40	\$0.00	\$22.39
104930	Grout Sealer Cannot be combined with tile flooring assemblies, since grout sealer is already included in the assembly	SF	\$0.98	\$0.52	\$0.00	\$1.50
104931	1/4" Tile Backer Board	SF	\$1.09	\$1.06	\$0.00	\$2.15
104932	1/2" Tile Backer Board	SF	\$1.09	\$1.26	\$0.00	\$2.35
104933	[Modifier] For Full Bed Mortar Sloping floors included	SF	\$3.39	\$0.39	\$0.00	\$3.78
104934	[Modifier] For Waterproofing Membrane	SF	\$1.83	\$2.12	\$0.00	\$3.95
104935	[Modifier] For Epoxy Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
104936	[Modifier] For Chemical Resistant Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31

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		Units	Labor	Material	Equipment	Total
104937	[Modifier] Quantity Premium - Ceramic Tiling (101-500 SF) Quantity premium can be used when total square footage in section 09-30-13 Ceramic Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20
104938	[Modifier] Quantity Premium - Ceramic Tiling (51-100 SF) Quantity premium can be used when total square footage in section 09-30-13 Ceramic Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
104939	[Modifier] Quantity Premium - Ceramic Tiling (< Or = To 50 SF) Quantity premium can be used when total square footage in section 09-30-13 Ceramic Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.97	\$0.00	\$0.00	\$10.97
09-30-16 Quarry Tiling						
104940	Quarry Tile Floor	SF	\$5.49	\$9.96	\$0.00	\$15.45
104941	Quarry Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$10.45	\$0.00	\$16.49
104942	Quarry Tile Wall	SF	\$6.46	\$9.96	\$0.00	\$16.42
104943	Quarry Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$10.45	\$0.00	\$17.56
104944	Quarry Tile Base 4" Tall	LF	\$8.57	\$7.40	\$0.00	\$15.97
104945	Quarry Tile Base 6" Tall	LF	\$8.57	\$8.14	\$0.00	\$16.71
104946	Self-Coving Health Department Approved Tile Base 4" Tall	LF	\$8.57	\$7.40	\$0.00	\$15.97
104947	Self-Coving Health Department Approved Tile Base 6" Tall	LF	\$8.57	\$8.14	\$0.00	\$16.71
104948	[Modifier] For Full Bed Mortar Sloping floors included	SF	\$3.39	\$0.39	\$0.00	\$3.78
104949	[Modifier] For Waterproofing Membrane	SF	\$1.83	\$2.12	\$0.00	\$3.95
104950	[Modifier] For Epoxy Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
104951	[Modifier] For Chemical Resistant Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
104952	[Modifier] Quantity Premium - Quarry Tiling (101-500 SF) Quantity premium can be used when total square footage in section 09-30-16 Quarry Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
104953	[Modifier] Quantity Premium - Quarry Tiling (51-100 SF) Quantity premium can be used when total square footage in section 09-30-16 Quarry Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
104954	[Modifier] Quantity Premium - Quarry Tiling (< Or = To 50 SF) Quantity premium can be used when total square footage in section 09-30-16 Quarry Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.97	\$0.00	\$0.00	\$10.97
104955	1/4" Tile Backer Board	SF	\$1.09	\$1.06	\$0.00	\$2.15
104956	1/2" Tile Backer Board	SF	\$1.09	\$1.26	\$0.00	\$2.35
09-30-23 Glass Mosaic Tiling						
104957	Glass Mosaic Tile Floor	SF	\$5.49	\$15.88	\$0.00	\$21.37
104958	Glass Mosaic Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$16.68	\$0.00	\$22.72
104959	Glass Mosaic Tile Floor – Metallic Finish	SF	\$5.49	\$19.05	\$0.00	\$24.54
104960	Glass Mosaic Tile Floor – Metallic Finish – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$20.00	\$0.00	\$26.04
104961	Glass Mosaic Tile Wall	SF	\$6.46	\$15.88	\$0.00	\$22.34
104962	Glass Mosaic Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$16.68	\$0.00	\$23.79
104963	Glass Mosaic Tile Wall- Metallic Finish	SF	\$6.46	\$19.05	\$0.00	\$25.51
104964	Glass Mosaic Tile Wall- Metallic Finish – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$20.00	\$0.00	\$27.11
104965	Glass Mosaic Tile Base 4" Tall	LF	\$8.57	\$13.25	\$0.00	\$21.82
104966	Glass Mosaic Tile Base 4" Tall – Metallic Finish	LF	\$8.57	\$15.90	\$0.00	\$24.47
104967	Glass Mosaic Tile Base 6" Tall	LF	\$8.57	\$14.58	\$0.00	\$23.15
104968	Glass Mosaic Tile Base 6" Tall – Metallic Finish	LF	\$8.57	\$17.49	\$0.00	\$26.06
104969	1/4" Tile Backer Board	SF	\$1.09	\$1.06	\$0.00	\$2.15
104970	1/2" Tile Backer Board	SF	\$1.09	\$1.26	\$0.00	\$2.35
104971	[Modifier] For Full Bed Mortar Sloping floors included	SF	\$3.39	\$0.39	\$0.00	\$3.78
104972	[Modifier] For Waterproofing Membrane	SF	\$1.83	\$2.12	\$0.00	\$3.95
104973	[Modifier] For Epoxy Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
104974	[Modifier] For Chemical Resistant Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
104975	[Modifier] Quantity Premium - Glass Mosaic Tiling (101-500 SF) Quantity premium can be used when total square footage in section 09-30-23 Glass Mosaic Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
104976	[Modifier] Quantity Premium - Glass Mosaic Tiling (51-100 SF) Quantity premium can be used when total square footage in section 09-30-23 Glass Mosaic Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
104977	[Modifier] Quantity Premium - Glass Mosaic Tiling (< Or = To 50 SF) Quantity premium can be used when total square footage in section 09-30-23 Glass Mosaic Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.97	\$0.00	\$0.00	\$10.97
09-30-29 Metal Tiling						
104978	Stainless Steel Tile Floor	SF	\$5.49	\$25.12	\$0.00	\$30.61
104979	Stainless Steel Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$26.38	\$0.00	\$32.42
104980	Stainless Steel Tile Wall	SF	\$6.46	\$25.12	\$0.00	\$31.58
104981	Stainless Steel Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$26.38	\$0.00	\$33.49
104982	Stainless Steel Tile Base 4" Tall	LF	\$8.57	\$21.10	\$0.00	\$29.67
104983	Stainless Steel Tile Base 6" Tall	LF	\$8.57	\$23.11	\$0.00	\$31.68
104984	Aluminum Tile Floor	SF	\$5.49	\$20.31	\$0.00	\$25.80
104985	Aluminum Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$21.32	\$0.00	\$27.36
104986	Aluminum Tile Wall	SF	\$6.46	\$20.31	\$0.00	\$26.77
104987	Aluminum Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$21.32	\$0.00	\$28.43
104988	Aluminum Tile Base 4" Tall	LF	\$8.57	\$17.07	\$0.00	\$25.64
104989	Aluminum Tile Base 6" Tall	LF	\$8.57	\$18.69	\$0.00	\$27.26
104990	Copper Tile Floor	SF	\$5.49	\$24.49	\$0.00	\$29.98
104991	Copper Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$25.71	\$0.00	\$31.75
104992	Copper Tile Wall	SF	\$6.46	\$24.49	\$0.00	\$30.95
104993	Copper Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$25.71	\$0.00	\$32.82
104994	Copper Tile Base 4" Tall	LF	\$8.57	\$20.56	\$0.00	\$29.13
104995	Copper Tile Base 6" Tall	LF	\$8.57	\$22.53	\$0.00	\$31.10
104996	1/4" Tile Backer Board	SF	\$1.09	\$1.06	\$0.00	\$2.15
104997	1/2" Tile Backer Board	SF	\$1.09	\$1.26	\$0.00	\$2.35
104998	[Modifier] For Full Bed Mortar Sloping floors included	SF	\$3.39	\$0.39	\$0.00	\$3.78
104999	[Modifier] For Waterproofing Membrane	SF	\$1.83	\$2.12	\$0.00	\$3.95
105000	[Modifier] For Epoxy Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
105001	[Modifier] For Chemical Resistant Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
105002	[Modifier] Quantity Premium - Metal Tiling (101-500 SF) Quantity premium can be used when total square footage in section 09-30-29 Metal Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
105003	[Modifier] Quantity Premium - Metal Tiling (51-100 SF) Quantity premium can be used when total square footage in section 09-30-29 Metal Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
105004	[Modifier] Quantity Premium - Metal Tiling (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-30-29 Metal Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.97	\$0.00	\$0.00	\$10.97
105005	Granite Tile Floor	SF	\$5.49	\$23.12	\$0.00	\$28.61
105006	Granite Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$24.27	\$0.00	\$30.31
09-30-33 Stone Tiling						
105007	Granite Tile Wall	SF	\$6.46	\$23.12	\$0.00	\$29.58
105008	Granite Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$24.27	\$0.00	\$31.38
105009	Granite Tile Base 4" Tall	LF	\$8.57	\$19.42	\$0.00	\$27.99
105010	Granite Tile Base 6" Tall	LF	\$8.57	\$21.27	\$0.00	\$29.84
105011	Marble Tile Floor	SF	\$5.49	\$20.30	\$0.00	\$25.79
105012	Marble Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$21.32	\$0.00	\$27.36
105013	Marble Tile Wall	SF	\$6.46	\$20.30	\$0.00	\$26.76
105014	Marble Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$21.32	\$0.00	\$28.43
105015	Marble Tile Base 4" Tall	LF	\$8.57	\$17.05	\$0.00	\$25.62
105016	Marble Tile Base 6" Tall	LF	\$8.57	\$18.68	\$0.00	\$27.25
105017	Slate Tile Floor	SF	\$5.49	\$19.24	\$0.00	\$24.73
105018	Slate Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$6.04	\$20.20	\$0.00	\$26.24
105019	Slate Tile Wall	SF	\$6.46	\$19.24	\$0.00	\$25.70
105020	Slate Tile Wall – Large Format > 1'-0" x 2'-0"	SF	\$7.11	\$20.20	\$0.00	\$27.31
105021	Slate Tile Base 4" Tall	LF	\$8.57	\$16.16	\$0.00	\$24.73
105022	Slate Tile Base 6" Tall	LF	\$8.57	\$17.70	\$0.00	\$26.27
105023	1/4" Tile Backer Board	SF	\$1.09	\$1.06	\$0.00	\$2.15
105024	1/2" Tile Backer Board	SF	\$1.09	\$1.26	\$0.00	\$2.35
105025	[Modifier] For Full Bed Mortar Sloping floors included	SF	\$3.39	\$0.39	\$0.00	\$3.78
105026	[Modifier] For Waterproofing Membrane	SF	\$1.83	\$2.12	\$0.00	\$3.95
105027	[Modifier] For Epoxy Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
105028	[Modifier] For Chemical Resistant Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
105029	[Modifier] Quantity Premium - Stone Tiling (101-500 SF) Quantity premium can be used when total square footage in section 09-30-33 Stone Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20

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		Units	Labor	Material	Equipment	Total
105030	[Modifier] Quantity Premium - Stone Tiling (51-100 SF) Quantity premium can be used when total square footage in section 09-30-33 Stone Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
105031	[Modifier] Quantity Premium - Stone Tiling (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-30-33 Stone Tiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.97	\$0.00	\$0.00	\$10.97

09-50-00 Ceilings

09-51-00 Acoustical Ceilings

09-51-23 Acoustical Tile Ceilings

Preformed acoustical tile in standard sizes. Each item includes suspension system, standard 15/16" width grid, field cutting, and fitting in a complete assembly. Includes but not limited to, cut outs for ceiling penetrations (lighting, sprinkler heads, diffusers, smoke detectors). CISCA compliant for seismic zones. Fire Class A unless otherwise indicated.

105032	1 x 1 ACT Mineral Fiber Tongue and Groove – Hidden Spline Mineral fiber with membrane facing. water felted, lightly textured, humidity and sag resistant.	SF	\$1.75	\$2.65	\$0.00	\$4.40
105033	1 x 1 ACT Mineral Fiber Tongue and Groove – Direct Adhered Mineral fiber with membrane facing. water felted, lightly textured, humidity and sag resistant. .80 NRC or better	SF	\$1.61	\$2.12	\$0.00	\$3.73
105034	2 X 2 ACT Mineral Fiber – Square Edge Mineral fiber with membrane facing. water felted, lightly textured, humidity and sag resistant. .80 NRC or better	SF	\$1.91	\$4.28	\$0.00	\$6.19
105035	2 X 2 ACT Mineral Fiber – Tegular Mineral fiber with membrane facing. water felted, lightly textured, humidity and sag resistant. .80 NRC or better	SF	\$1.91	\$4.60	\$0.00	\$6.51
105036	2 X 4 ACT Mineral Fiber – Square Edge Mineral fiber with membrane facing. water felted, lightly textured, humidity and sag resistant. .80 NRC or better	SF	\$1.91	\$3.95	\$0.00	\$5.86
105037	2 X 4 ACT Mineral Fiber – Tegular Mineral fiber with membrane facing. water felted, lightly textured, humidity and sag resistant. .80 NRC or better	SF	\$1.91	\$4.25	\$0.00	\$6.16

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		Units	Labor	Material	Equipment	Total
105038	2 X 2 ACT Fiberglass – Square Edge Glass fiber tile with membrane facing. water felted, lightly textured, humidity and sag resistant. .65 NRC or better	SF	\$1.91	\$4.94	\$0.00	\$6.85
105039	2 X 2 ACT Fiberglass – Tegular Glass fiber tile with membrane facing. water felted, lightly textured, humidity and sag resistant. .65 NRC or better	SF	\$1.91	\$5.29	\$0.00	\$7.20
105040	2 X 4 ACT Fiberglass – Square Edge Glass fiber tile with membrane facing. water felted, lightly textured, humidity and sag resistant. .65 NRC or better	SF	\$1.91	\$4.58	\$0.00	\$6.49
105041	2 X 4 ACT Fiberglass – Tegular Glass fiber tile with membrane facing. water felted, lightly textured, humidity and sag resistant. .65 NRC or better	SF	\$1.91	\$4.91	\$0.00	\$6.82
105042	2 X 2 ACT Scrubbable Mineral fiber tile, water felted, with polyester or vinyl face. Scrubbable. Lightly textured or smooth, .55 NRC or better	SF	\$1.91	\$8.00	\$0.00	\$9.91
105043	2 X 4 ACT Scrubbable Mineral fiber tile, water felted, with polyester or vinyl face. Scrubbable. Lightly textured or smooth, .55 NRC or better	SF	\$1.91	\$7.45	\$0.00	\$9.36
105044	2 X 2 Vinyl Covered Drywall – Washable	SF	\$1.91	\$8.13	\$0.00	\$10.04
105045	2 X 4 Vinyl Covered Drywall – Washable	SF	\$1.91	\$7.52	\$0.00	\$9.43
105046	2 X 8 ACT Fiberglass Plank – Square Edge Glass fiber tile with membrane facing. water felted, lightly textured, humidity and sag resistant. .65 NRC or better	SF	\$2.09	\$7.36	\$0.00	\$9.45
105047	2 X 8 ACT Fiberglass Plank – Tegular Glass fiber tile with membrane facing. water felted, lightly textured, humidity and sag resistant. .65 NRC or better	SF	\$2.09	\$7.83	\$0.00	\$9.92
105048	ACT Ceiling Tile Reuse – Install Tile Only	SF	\$1.37	\$0.49	\$0.00	\$1.86
105049	ACT Ceiling Grid Reuse – Install Grid Only	SF	\$2.05	\$0.37	\$0.00	\$2.42
105050	ACT Ceiling Tile - Furnish and Install New ACT in Existing Grid ACT to be 2 x 2 / 2 x 4 random fissured, white mineral fiber or equal. NRC up to 0.50	SF	\$1.37	\$0.99	\$0.00	\$2.36
105051	Remove and Reinstall ACT Ceiling Tile	SF	\$1.98	\$0.49	\$0.00	\$2.47

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		Units	Labor	Material	Equipment	Total
105052	Remove and Reinstall ACT Ceiling Grid	SF	\$2.67	\$0.37	\$0.00	\$3.04
105053	High Profile Perimeter Edge Trim – 4" Axiom or equal	LF	\$4.02	\$16.80	\$0.00	\$20.82
105054	High Profile Perimeter Edge Trim – 6" Axiom or equal	LF	\$4.02	\$22.41	\$0.00	\$26.43
105055	[Modifier] For Antimicrobial Coating	SF	\$0.00	\$1.06	\$0.00	\$1.06
105056	[Modifier] For Concealed Act Grid	SF	\$0.00	\$1.27	\$0.00	\$1.27
105057	[Modifier] For Narrow Width ACT Grid – Up To 1/2" Wide	SF	\$0.00	\$1.11	\$0.00	\$1.11
105058	[Modifier] For Reveal / Stepped ACT Grid	SF	\$0.00	\$1.33	\$0.00	\$1.33
105059	[Modifier] For ACT Grid Colors Other Than White	SF	\$0.00	\$1.22	\$0.00	\$1.22
105060	[Modifier] For Seismic Bracing Up To 6' Plenum Space Includes compression struts and splay wires, where required by code	SF	\$0.66	\$0.27	\$0.00	\$0.93
105061	[Modifier] For Seismic Bracing Up To 12' Plenum Space Includes compression struts and splay wires, where required by code	SF	\$0.86	\$0.40	\$0.00	\$1.26
105062	[Modifier] For Seismic Bracing Greater Than 12' Plenum Space Includes compression struts and splay wires, where required by code	SF	\$1.08	\$0.60	\$0.00	\$1.68
105063	[Modifier] Quantity Premium - Acoustical Tile Ceilings (101-500 SF) Quantity premium can be used when total square footage in section 09-51-23 Acoustical Tile Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105064	[Modifier] Quantity Premium - Acoustical Tile Ceilings (51-100 SF) Quantity premium can be used when total square footage in section 09-51-23 Acoustical Tile Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105065	[Modifier] Quantity Premium - Acoustical Tile Ceilings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-51-23 Acoustical Tile Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

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		Units	Labor	Material	Equipment	Total
09-54-00 Specialty Ceilings						
09-54-26 Suspended Wood Ceilings						
105066	2 X 4 ACT – Wood Veneer Perforated wood composite panels with finished face veneers and acoustical backing. No less than .40 NRC	SF	\$3.48	\$19.61	\$0.00	\$23.09
105067	2 X 2 ACT – Wood Veneer Perforated wood composite panels with finished face veneers and acoustical backing. No less than .40 NRC	SF	\$3.48	\$24.51	\$0.00	\$27.99
105068	Wood Ceiling Panel Custom perforated wood composite panels with finished face veneers and acoustical backing. No less than .40 NRC	SF	\$3.48	\$32.89	\$0.00	\$36.37
105069	Linear Wood Slat Ceiling Custom perforated wood composite panels with finished face veneers and acoustical backing. No less than .40 NRC	SF	\$5.24	\$37.09	\$0.00	\$42.33
105070	[Modifier] Quantity Premium - Suspended Wood Ceilings (101-500 SF) Quantity premium can be used when total square footage in section 09-54-26 Suspended Wood Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105071	[Modifier] Quantity Premium - Suspended Wood Ceilings (51-100 SF) Quantity premium can be used when total square footage in section 09-54-26 Suspended Wood Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105072	[Modifier] Quantity Premium - Suspended Wood Ceilings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-54-26 Suspended Wood Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-54-33 Decorative Panel Ceilings						
105073	Acoustical Metal Ceiling Pre-finished metal profiles with open or closed joints, smooth or perforated face, on concealed suspended grid. Includes all perimeter trims	SF	\$3.92	\$25.34	\$0.00	\$29.26

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		Units	Labor	Material	Equipment	Total
105074	Acoustical Metal Slat Ceiling Pre-finished metal slat profiles with open or closed joints, smooth or perforated face, on concealed suspended grid. Includes all perimeter trims	SF	\$6.57	\$26.60	\$0.00	\$33.17
105075	Glass Ceiling Panel	SF	\$26.63	\$67.64	\$0.00	\$94.27
105076	[Modifier] Quantity Premium - Decorative Panel Ceilings (101-500 SF) Quantity premium can be used when total square footage in section 09-54-33 Decorative Panel Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105077	[Modifier] Quantity Premium - Decorative Panel Ceilings (51-100 SF) Quantity premium can be used when total square footage in section 09-54-33 Decorative Panel Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105078	[Modifier] Quantity Premium - Decorative Panel Ceilings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-54-33 Decorative Panel Ceilings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-57-53 Security Ceiling Assemblies						
105079	Metal Security Ceiling - 2' x 2' Includes 18 ga lay-in panel system, perimeter channel, hanger wire, compression struts and hold down clips; Armstrong SecureLock Panels or equal; perforated and/or non-perforated	SF	\$14.13	\$46.11	\$0.00	\$60.24
105080	Metal Security Ceiling - 2' x 8' Includes 18 ga screw-in plank system, perimeter channel, hanger wire, compression struts and hold down clips; Armstrong SecureLock Panels or equal; perforated and/or non-perforated	SF	\$13.40	\$47.43	\$0.00	\$60.83

09-60-00 Flooring

Flooring includes all adhesive, spacers, sealers, trim pieces, marble thresholds or equal unless noted otherwise, termination strips, expansion strips, and reveals for a complete flooring installation

09-61-00 Flooring Treatment

09-61-00 Flooring Treatment

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		Units	Labor	Material	Equipment	Total
105081	Applied Dissipative Floor Finish Traffic bearing, multi-part polymeric static control coating for cured concrete floors. Non-slip. Includes grounding	SF	\$1.85	\$2.91	\$0.00	\$4.76
105082	[Modifier] Quantity Premium - Flooring Treatment (101-500 SF) Quantity premium can be used when total square footage in section 09-61-00 Flooring Treatment are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105083	[Modifier] Quantity Premium - Flooring Treatment (51-100 SF) Quantity premium can be used when total square footage in section 09-61-00 Flooring Treatment are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105084	[Modifier] Quantity Premium - Flooring Treatment (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-61-00 Flooring Treatment are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-62-00 Specialty Flooring

09-62-19 Laminate Flooring

105085	Laminate Flooring Floating laminate flooring, includes underlayment, transitions, and thresholds. Simulated wood veneers laminated to wood fibered substrate in various length planks. Interlocked butt or micro V joints, smooth to lightly embossed textures, satin finish or equal.	SF	\$3.36	\$5.78	\$0.00	\$9.14
105086	[Modifier] Quantity Premium - Laminate Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-62-19 Laminate Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105087	[Modifier] Quantity Premium - Laminate Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-62-19 Laminate Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
105088	[Modifier] Quantity Premium - Laminate Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-62-19 Laminate Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-62-23 Bamboo Flooring						
105089	Bamboo Flooring Floating bamboo flooring, includes underlayment, transitions, and thresholds. Up to 1/2" thick various length planks of engineered strand woven bamboo. Interlocked butt or micro V joints, smooth to lightly embossed textures, satin finish or equal	SF	\$3.36	\$6.36	\$0.00	\$9.72
105090	[Modifier] Quantity Premium - Bamboo Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-62-23 Bamboo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105091	[Modifier] Quantity Premium - Bamboo Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-62-23 Bamboo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105092	[Modifier] Quantity Premium - Bamboo Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-62-23 Bamboo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-62-29 Cork Flooring						
105093	Cork Flooring Floating cork flooring, includes underlayment, transitions, and thresholds. Up to 1/2" thick various length planks of high density fiberboard cork flooring. Interlocked butt or micro V joints, smooth to lightly embossed textures, satin finish or equal	SF	\$3.36	\$5.78	\$0.00	\$9.14

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		Units	Labor	Material	Equipment	Total
105094	[Modifier] Quantity Premium - Cork Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-62-29 Cork Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105095	[Modifier] Quantity Premium - Cork Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-62-29 Cork Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105096	[Modifier] Quantity Premium - Cork Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-62-29 Cork Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-62-53 Synthetic Turf Flooring						
105097	Synthetic Turf – Indoor Monofilament, nylon or polypropylene fiber over resilient backing pad for glue down applications. Includes substrate or base preparation. XGrass Field or equal	SF	\$3.15	\$5.89	\$0.00	\$9.04
105098	[Modifier] Quantity Premium - Synthetic Turf Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-62-53 Synthetic Turf Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105099	[Modifier] Quantity Premium - Synthetic Turf Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-62-53 Synthetic Turf Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105100	[Modifier] Quantity Premium - Synthetic Turf Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-62-53 Synthetic Turf Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

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		Units	Labor	Material	Equipment	Total
09-62-83 Structural Glass Flooring						
105101	Structural Glass Flooring	SF	\$26.63	\$79.50	\$0.00	\$106.13
09-64-00 Wood Flooring						
<i>Includes manufacturer recommended vapor retarder</i>						
09-64-23 Wood Parquet Flooring						
<i>Fully adhered in standard modular sizes, 9", 12", or 18" square. Floor prep, leveling to manufacturer's requirements, and vapor retarder included</i>						
105102	Wood Parquet Flooring – 5/16" Thick (Poplar, Ash, Hickory) Includes applicable staining and or sealing	SF	\$4.05	\$5.30	\$0.00	\$9.35
105103	Wood Parquet Flooring – 5/16" Thick (Maple, Oak, Cherry, Birch) Includes applicable staining and or sealing	SF	\$4.05	\$7.42	\$0.00	\$11.47
105104	Wood Parquet Flooring – 5/16" Thick (Mahogany, Walnut) Includes applicable staining and or sealing	SF	\$4.05	\$9.54	\$0.00	\$13.59
105105	Wood Parquet Flooring – 5/16" Thick (Imported Exotics) Includes applicable staining and or sealing	SF	\$4.05	\$15.90	\$0.00	\$19.95
105106	[Modifier] Quantity Premium - Wood Parquet Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-64-23 Wood Parquet Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105107	[Modifier] Quantity Premium - Wood Parquet Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-64-23 Wood Parquet Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105108	[Modifier] Quantity Premium - Wood Parquet Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-64-23 Wood Parquet Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-64-29 Wood Strip and Plank Flooring						

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		Units	Labor	Material	Equipment	Total
105109	Wood Strip Floor (Poplar, Ash, Hickory) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment	SF	\$4.24	\$5.30	\$0.00	\$9.54
105110	Wood Strip Floor (Maple, Oak, Cherry, Birch) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment	SF	\$4.24	\$7.42	\$0.00	\$11.66
105111	Wood Strip Floor (Mahogany, Walnut) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment	SF	\$4.24	\$9.54	\$0.00	\$13.78
105112	Wood Strip Floor (Imported Exotics) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment	SF	\$4.24	\$15.90	\$0.00	\$20.14
105113	Prefinished Wood Floor (Poplar, Ash, Hickory) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment	SF	\$3.48	\$6.36	\$0.00	\$9.84
105114	Prefinished Wood Floor (Maple, Oak, Cherry, Birch) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment	SF	\$3.48	\$8.90	\$0.00	\$12.38

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		Units	Labor	Material	Equipment	Total
105115	<p>Prefinished Wood Floor (Mahogany, Walnut) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment</p>	SF	\$3.48	\$11.45	\$0.00	\$14.93
105116	<p>Prefinished Wood Floor (Imported Exotics) Non-laminated natural wood, up to 3/4" thick, T&G plank flooring. Nailed down. Includes compatible stain and or clear coat traffic bearing finish and manufacturers recommended vapor barrier/underlayment</p>	SF	\$3.48	\$19.08	\$0.00	\$22.56
105117	<p>Refinish Wood Floor Includes, cleaning, sanding, staining, and sealing, per manufacturers recommendations</p>	SF	\$3.96	\$1.58	\$0.00	\$5.54
105118	<p>Wood Base – Profiled Edge 4" Tall Includes staining, and sealing</p>	LF	\$5.23	\$6.61	\$0.00	\$11.84
105119	<p>Wood Base – Profiled Edge 6" Tall Includes staining, and sealing</p>	LF	\$6.15	\$7.27	\$0.00	\$13.42
105120	<p>[Modifier] Quantity Premium - Wood Strip and Plank Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-64-29 Wood Strip and Plank Flooring are within stated quantities. Can be applied cumulatively to base line items.</p>	SF	\$2.09	\$0.00	\$0.00	\$2.09
105121	<p>[Modifier] Quantity Premium - Wood Strip and Plank Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-64-29 Wood Strip and Plank Flooring are within stated quantities. Can be applied cumulatively to base line items.</p>	SF	\$5.23	\$0.00	\$0.00	\$5.23
105122	<p>[Modifier] Quantity Premium - Wood Strip and Plank Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-64-29 Wood Strip and Plank Flooring are within stated quantities. Can be applied cumulatively to base line items.</p>	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-64-66 Wood Athletic Flooring

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		Units	Labor	Material	Equipment	Total
105123	Wood Athletic Floor Strip flooring over resilient channel designed for sport playing surface. Includes metal transition strips, and court striping. Robbins Bio Channel or equal	SF	\$3.23	\$11.68	\$0.00	\$14.91
105124	Wood and Synthetic Athletic Floor Hybrid Includes a combination of wood strip flooring over resilient channel and Urethane flooring designed for sport playing surface. Includes metal transition strips, and court striping. Urethane Flooring is Robbins Classic 110 or equal poured Urethane on 11mm resilient pad over a layer of plywood. Wood flooring is Robbins Bio-Channel or equal	SF	\$3.46	\$12.52	\$0.00	\$15.98
105125	[Modifier] Quantity Premium - Wood Athletic Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-64-66 Wood Athletic Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105126	[Modifier] Quantity Premium - Wood Athletic Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-64-66 Wood Athletic Flooring. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105127	[Modifier] Quantity Premium - Wood Athletic Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-64-66 Wood Athletic Flooring. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-65-00 Resilient Flooring

09-65-13 Resilient Base and Accessories

Roppe or equal, includes performed corners

105128	Rubber Stair Treads and Risers 7.5" Riser, 12" Tread	LF	\$2.76	\$21.20	\$0.00	\$23.96
105129	Rubber Stair Nosing	LF	\$2.52	\$5.24	\$0.00	\$7.76
105130	Resilient Base 4" Tall Coved or straight	LF	\$1.05	\$0.74	\$0.00	\$1.79
105131	Resilient Base 6" Tall Coved or straight	LF	\$1.05	\$0.83	\$0.00	\$1.88
105132	Rubber Base – Vented 4" Tall Coved or straight, for wood athletic/vented flooring	LF	\$1.05	\$6.38	\$0.00	\$7.43

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		Units	Labor	Material	Equipment	Total
105133	Rubber Base – Vented 6" Tall Coved or straight, for wood athletic/vented flooring	LF	\$1.05	\$7.08	\$0.00	\$8.13
105134	Rubber Base 4" Tall Coved or straight	LF	\$1.05	\$0.87	\$0.00	\$1.92
105135	Rubber Base 6" Tall Coved or straight	LF	\$1.05	\$0.96	\$0.00	\$2.01
105136	Rubber ADA Threshold Ramp – Up To 1.5" Floor Height Differential Item can be used in when the height differential between floor finishes is greater than or equal to 1". Standard transition strips and thresholds are included in the floor finish unit pricing	LF	\$4.76	\$41.39	\$0.00	\$46.15
09-65-16 Resilient Sheet Flooring						
105137	Sheet Vinyl – Standard Armstrong Duality Premium or equal	SF	\$2.52	\$3.05	\$0.00	\$5.57
105138	Sheet Vinyl – Premium Armstrong Rejuvenations or equal	SF	\$2.52	\$4.38	\$0.00	\$6.90
105139	Sheet Vinyl – Slip-Resistant Armstrong Safety Zone Sheet or equal	SF	\$2.52	\$4.99	\$0.00	\$7.51
105140	Sheet Vinyl – Homogenous Armstrong Medintech or equal	SF	\$2.52	\$4.29	\$0.00	\$6.81
105141	Sheet Rubber – Standard Mannington ColorFields or equal	SF	\$2.52	\$4.38	\$0.00	\$6.90
105142	Sheet Rubber – Premium Nora Noraplan or equal	SF	\$2.52	\$5.30	\$0.00	\$7.82
105143	Linoleum Armstrong LinoArt or equal	SF	\$2.52	\$3.58	\$0.00	\$6.10
105144	Flash Cove Sheet Vinyl / Rubber Base 4" Tall Includes termination wall metal or equal	LF	\$3.36	\$2.88	\$0.00	\$6.24
105145	Flash Cove Sheet Vinyl / Rubber Base 6" Tall Includes termination wall metal or equal	LF	\$3.36	\$3.19	\$0.00	\$6.55
105146	[Modifier] Heat Welded Seams	SF	\$0.22	\$0.00	\$0.00	\$0.22
105147	[Modifier] Quantity Premium - Resilient Sheet Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-65-16 Resilient Sheet Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09

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		Units	Labor	Material	Equipment	Total
105148	[Modifier] Quantity Premium - Resilient Sheet Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-65-16 Resilient Sheet Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105149	[Modifier] Quantity Premium - Resilient Sheet Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-65-16 Resilient Sheet Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-65-19 Resilient Tile Flooring						
105150	VCT – Standard Composite vinyl, 1/8" thick	SF	\$1.79	\$2.39	\$0.00	\$4.18
105151	VCT – Premium Composite vinyl, enhanced wear surface, 1/8" thick	SF	\$1.79	\$3.97	\$0.00	\$5.76
105152	VCT – Slip-Resistant Embossed surface	SF	\$1.79	\$4.24	\$0.00	\$6.03
105153	VCT – Bio Based Contributes to sustainability certifications	SF	\$1.79	\$2.97	\$0.00	\$4.76
105154	VCT – Static Resistant Static conductive. Includes grounding	SF	\$1.79	\$7.74	\$0.00	\$9.53
105155	LVT – Luxury Vinyl Tile 100% vinyl, enhanced wear surface, 1/8" thick	SF	\$1.79	\$6.36	\$0.00	\$8.15
105156	LVP – Luxury Vinyl Plank 100% vinyl, various sizes, 1/8" thick	SF	\$1.79	\$6.36	\$0.00	\$8.15
105157	Linoleum Tile	SF	\$1.08	\$2.58	\$0.00	\$3.66
105158	Rubber Tile – 1/4"	SF	\$1.79	\$6.57	\$0.00	\$8.36
105159	Rubber Tile – 3/8"	SF	\$1.79	\$7.23	\$0.00	\$9.02
105160	Rubber Tile – 1/2"	SF	\$1.79	\$7.95	\$0.00	\$9.74
105161	Rubber Tile – Skate and Spike Resistant	SF	\$1.79	\$12.19	\$0.00	\$13.98
105162	[Modifier] Quantity Premium - Resilient Tile Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-65-19 Resilient Tile Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09

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		Units	Labor	Material	Equipment	Total
105163	[Modifier] Quantity Premium - Resilient Tile Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-65-19 Resilient Tile Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105164	[Modifier] Quantity Premium - Resilient Tile Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-65-19 Resilient Tile Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-65-66 Resilient Athletic Flooring						
105165	Synthetic Athletic Floor Multi-layer poured urethane sport court. Includes court striping	SF	\$1.96	\$7.08	\$0.00	\$9.04
105166	Vinyl Gym Floor Vinyl bonded to resilient pad, seamless. Multipurpose use. Includes Court striping	SF	\$4.35	\$7.45	\$0.00	\$11.80
105167	Urethane Running Track (Indoor) Multi-layer poured urethane on resilient pad. Point elastic for running/jogging. Includes lane striping	SF	\$3.90	\$7.07	\$0.00	\$10.97
105168	Rubber Sports Flooring 10mm Rubber composition sheet, 3 mm wear surface over resilient base layer. For impact resistance in weight rooms and training	SF	\$4.35	\$10.12	\$0.00	\$14.47
105169	[Modifier] Quantity Premium - Resilient Athletic Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-65-66 Resilient Athletic Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105170	[Modifier] Quantity Premium - Resilient Athletic Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-65-66 Resilient Athletic Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
105171	[Modifier] Quantity Premium - Resilient Athletic Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-65-66 Resilient Athletic Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-66-00 Terrazzo Flooring						
09-66-13 Portland Cement Terrazzo Flooring						
105172	Terrazzo – Thick Set One color and one pattern, Includes slip sheet membrane and screed metals	SF	\$10.97	\$24.98	\$0.00	\$35.95
105173	Flash Cove Terrazzo Base 4" Tall Includes termination wall metal or equal	LF	\$8.57	\$19.21	\$0.00	\$27.78
105174	Flash Cove Terrazzo Base 6" Tall Includes termination wall metal or equal	LF	\$8.57	\$21.03	\$0.00	\$29.60
105175	[Modifier] Additional Color Can be applied cumulatively to base line items	SF	\$1.77	\$0.52	\$0.00	\$2.29
105176	[Modifier] Additional Pattern Can be applied cumulatively to base line items	SF	\$1.77	\$0.52	\$0.00	\$2.29
105177	[Modifier] Quantity Premium - Portland Cement Terrazzo Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-66-13 Portland Cement Terrazzo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$4.73	\$0.00	\$0.00	\$4.73
105178	[Modifier] Quantity Premium - Portland Cement Terrazzo Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-66-13 Portland Cement Terrazzo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$14.19	\$0.00	\$0.00	\$14.19
105179	[Modifier] Quantity Premium - Portland Cement Terrazzo Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-66-13 Portland Cement Terrazzo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$47.31	\$0.00	\$0.00	\$47.31

09-66-16 Terrazzo Floor Tile

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		Units	Labor	Material	Equipment	Total
<i>Tile work includes honed or polished tile materials, cement or modified setting, profiling floors to drain, mortars, grouts, sealers, spacers, trim pieces, thresholds, termination strips, and reveals</i>						
105180	Terrazzo Tile Floor	SF	\$6.85	\$15.88	\$0.00	\$22.73
105181	Terrazzo Tile Floor – Large Format > 1'-0" x 2'-0"	SF	\$7.54	\$16.68	\$0.00	\$24.22
105182	Terrazzo Tile Base 4" Tall	LF	\$8.57	\$13.34	\$0.00	\$21.91
105183	Terrazzo Tile Base 6" Tall	LF	\$8.57	\$14.60	\$0.00	\$23.17
105184	Terrazzo Stair Treads Pre-cast unit with integral nosing	LF	\$20.47	\$47.42	\$0.00	\$67.89
105185	Terrazzo Stair Risers Pre-cast unit	LF	\$14.88	\$37.52	\$0.00	\$52.40
105186	Terrazzo Sills	LF	\$12.71	\$30.48	\$0.00	\$43.19
105187	Terrazzo Coping	LF	\$12.71	\$30.48	\$0.00	\$43.19
105188	Terrazzo Column Cap Or Base	EA	\$247.15	\$636.00	\$0.00	\$883.15
105189	1/4" Tile Backer Board	SF	\$1.09	\$1.06	\$0.00	\$2.15
105190	1/2" Tile Backer Board	SF	\$1.09	\$1.26	\$0.00	\$2.35
105191	[Modifier] For Full Bed Mortar Sloping floors included	SF	\$3.39	\$0.39	\$0.00	\$3.78
105192	[Modifier] For Waterproofing Membrane	SF	\$1.83	\$2.12	\$0.00	\$3.95
105193	[Modifier] For Epoxy Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
105194	[Modifier] For Chemical Resistant Grout	SF	\$0.58	\$0.73	\$0.00	\$1.31
105195	[Modifier] Quantity Premium - Terrazzo Floor Tile (101-500 SF) Quantity premium can be used when total square footage in section 09-66-16 Terrazzo Floor Tile are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.20	\$0.00	\$0.00	\$2.20
105196	[Modifier] Quantity Premium - Terrazzo Floor Tile (51-100 SF) Quantity premium can be used when total square footage in section 09-66-16 Terrazzo Floor Tile are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.49	\$0.00	\$0.00	\$5.49
105197	[Modifier] Quantity Premium - Terrazzo Floor Tile (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-66-16 Terrazzo Floor Tile are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.97	\$0.00	\$0.00	\$10.97
09-66-23 Resinous Matrix Terrazzo Flooring						
105198	Terrazzo – 3/8" Epoxy One color and one pattern, Includes slip sheet membrane and screed metals	SF	\$10.97	\$22.87	\$0.00	\$33.84
105199	Flash Cove Terrazzo Base 4" Tall Includes termination wall metal or equal	LF	\$8.57	\$19.21	\$0.00	\$27.78
105200	Flash Cove Terrazzo Base 6" Tall Includes termination wall metal or equal	LF	\$8.57	\$21.03	\$0.00	\$29.60

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		Units	Labor	Material	Equipment	Total
105201	[Modifier] Additional Color Can be applied cumulatively to base line items	SF	\$1.77	\$0.52	\$0.00	\$2.29
105202	[Modifier] Additional Pattern Can be applied cumulatively to base line items	SF	\$1.77	\$0.52	\$0.00	\$2.29
105203	[Modifier] Quantity Premium - Resinous Matrix Terrazzo Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-66-23 Resinous Matrix Terrazzo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$4.73	\$0.00	\$0.00	\$4.73
105204	[Modifier] Quantity Premium - Resinous Matrix Terrazzo Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-66-23 Resinous Matrix Terrazzo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$14.19	\$0.00	\$0.00	\$14.19
105205	[Modifier] Quantity Premium - Resinous Matrix Terrazzo Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-66-23 Resinous Matrix Terrazzo Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$47.31	\$0.00	\$0.00	\$47.31

09-67-00 Fluid-Applied Flooring

09-67-23 Resinous Flooring

105206	Resinous Epoxy Flooring – 10 to 25 mils Thick Epoxy/Urethane mix, low build. Multi-layer, broadcast decorative chip with seal coat. Squeegee and/or roller applied. Includes primer, body coat, broadcast and topcoat (2 layers)	SF	\$6.00	\$4.67	\$0.00	\$10.67
105207	Resinous Epoxy Flooring – 30 to 125 mils Thick Epoxy mortar medium build. Multilayer, colored aggregate mortar with grout and seal coat. Trowel or screed rake applied. Impact resistance. Includes primer, body coat, broadcast and grout/topcoats	SF	\$9.03	\$7.03	\$0.00	\$16.06

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		Units	Labor	Material	Equipment	Total
105208	Resinous Epoxy Flooring – 130 to 250 mils Thick Polyurethane mortar, resilient, high build. Multilayer, colored aggregate mortar with grout and seal coat. Trowel or screed rake applied. Includes primer, body coat, broadcast and grout/topcoats	SF	\$10.79	\$8.41	\$0.00	\$19.20
105209	Resinous Epoxy Flooring - Operating Rooms/Specialty Floor Areas - Up To 200 mils Thick Urethane floor system, screed rake or trowel application, broadcast is spike rolled into the surface, surface sanded, squeegee apply and back roll grout coat, roller apply topcoats (3 layers)	SF	\$16.70	\$13.03	\$0.00	\$29.73
105210	Integral Resin Base 4" Tall – Economy	LF	\$7.04	\$5.97	\$0.00	\$13.01
105211	Integral Resin Base 6" Tall – Economy	LF	\$7.04	\$6.63	\$0.00	\$13.67
105212	Integral Resin Base 4" Tall – Standard	LF	\$7.04	\$10.43	\$0.00	\$17.47
105213	Integral Resin Base 6" Tall – Standard	LF	\$7.04	\$11.59	\$0.00	\$18.63
105214	Integral Resin Base 4" Tall – Premium Range	LF	\$7.04	\$15.71	\$0.00	\$22.75
105215	Integral Resin Base 6" Tall – Premium Range	LF	\$7.04	\$17.46	\$0.00	\$24.50
105216	[Modifier] Quantity Premium - Resinous Epoxy Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-67-23 Resinous Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
105217	[Modifier] Quantity Premium - Resinous Epoxy Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-67-23 Resinous Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
105218	[Modifier] Quantity Premium - Resinous Epoxy Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-67-23 Resinous Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

09-68-00 Carpeting

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
09-68-00	Carpeting					
105219	Carpet Tile – Economy Range – Hardback Cushion Or Equal 85-100 oz total weight/ SF	SY	\$4.84	\$27.70	\$0.00	\$32.54
105220	Carpet Tile – Standard Range – Closed Cell Cushion Or Equal 110 -125 oz total weight / SF	SY	\$4.84	\$37.03	\$0.00	\$41.87
105221	Carpet Tile – Premium Range – Open Cell Cushion Or Equal 130-150 oz total weight/ SF	SY	\$4.84	\$43.14	\$0.00	\$47.98
105222	Carpet – Economy Range – Up To 3# Resilient Foam Padding Up To 1/2" Thick 30-42oz cut or loop nylon, 3,100 density	SY	\$7.16	\$30.84	\$0.00	\$38.00
105223	Carpet – Standard Range – Up To 6# Resilient Foam Padding Up To 1/2" Thick 1/10 pitch or better, 40 oz or better, 3,500 to 4,000 density	SY	\$7.16	\$37.55	\$0.00	\$44.71
105224	Carpet – Premium Range – Up To 8# Wool Felt Or Foam Padding Up To 1/2" Thick 1/10 pitch or better, 45-54 oz or better, 5,000 density min.	SY	\$7.16	\$66.34	\$0.00	\$73.50
105225	[Modifier] Quantity Premium - Carpeting (13-55 SY) Quantity premium can be used when total square footage in section 09-68-00 Carpeting are within stated quantities. Can be applied cumulatively to base line items.	SY	\$16.08	\$0.00	\$0.00	\$16.08
105226	[Modifier] Quantity Premium - Carpeting (7-12 SY) Quantity premium can be used when total square footage in section 09-68-00 Carpeting are within stated quantities. Can be applied cumulatively to base line items.	SY	\$40.19	\$0.00	\$0.00	\$40.19
105227	[Modifier] Quantity Premium - Carpeting (< or = to 6 SY) Quantity premium can be used when total square footage in section 09-68-00 Carpeting are within stated quantities. Can be applied cumulatively to base line items.	SY	\$80.38	\$0.00	\$0.00	\$80.38
09-69-00	Access Flooring					
09-69-00	Access Flooring					
105228	Access Flooring – Up To 12" Plenum, 1,500#, Aluminum Raised pedestal mounted floor system. Includes all plates, stringers, transitions, and rough-in trims. Finish flooring is added cumulatively	SF	\$2.46	\$10.61	\$0.00	\$13.07

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		Units	Labor	Material	Equipment	Total
105229	Access Flooring – Up To 24" Plenum, 2,000#, Steel Raised pedestal mounted floor system. Includes all plates, stringers, transitions, and rough-in trims. Finish flooring is added cumulatively	SF	\$2.46	\$15.90	\$0.00	\$18.36
105230	Access Flooring – Up To 48" Plenum, 2,500#, Steel Raised pedestal mounted floor system. Includes all plates, stringers, transitions, and rough-in trims. Finish flooring is added cumulatively	SF	\$2.46	\$21.20	\$0.00	\$23.66
105231	Access Flooring With Cementitious Panel – Up To 12" Plenum, 1,500#, Aluminum Raised rated pedestal mounted floor system. Includes all plates, stringers, transitions, and rough-in trims. Finish flooring is added cumulatively	SF	\$2.46	\$13.77	\$0.00	\$16.23
105232	Access Flooring With Cementitious Panel – Up To 24" Plenum, 2,000#, Steel Raised rated pedestal mounted floor system. Includes all plates, stringers, transitions, and rough-in trims. Finish flooring is added cumulatively	SF	\$2.46	\$20.67	\$0.00	\$23.13
105233	Access Flooring With Cementitious Panel – Up To 48" Plenum, 2,500#, Steel Raised rated pedestal mounted floor system. Includes all plates, stringers, transitions, and rough-in trims. Finish flooring is added cumulatively	SF	\$2.46	\$27.56	\$0.00	\$30.02
105234	[Modifier] Include Manufacturer Underfloor Raceway System	SF	\$1.05	\$1.90	\$0.00	\$2.95
105235	[Modifier] Quantity Premium - Access Flooring (101-500 SF) Quantity premium can be used when total square footage in section 09-69-00 Access Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105236	[Modifier] Quantity Premium - Access Flooring (51-100 SF) Quantity premium can be used when total square footage in section 09-69-00 Access Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
105237	[Modifier] Quantity Premium - Access Flooring (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-69-00 Access Flooring are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-70-00 Wall Finishes

09-72-00 Wall Coverings

Wall coverings of natural or synthetic materials with backing. Includes wall preparation and adhesives.

09-72-00 Wall Coverings

Wall coverings of natural or synthetic materials with backing. Includes wall preparation and adhesives.

105238	Cork Wall Covering	SF	\$3.36	\$5.78	\$0.00	\$9.14
105239	Textile Wall Covering 5-7oz / Lineal Yard. Smooth or textured	SF	\$2.09	\$2.91	\$0.00	\$5.00
105240	Light Duty Wall Covering 12-19oz / Lineal Yard. Smooth or textured	SF	\$2.09	\$0.79	\$0.00	\$2.88
105241	Medium Duty Wall Covering 20-28oz / Lineal Yard. Smooth or textured	SF	\$2.09	\$1.33	\$0.00	\$3.42
105242	Heavy Duty Wall Covering 30-36oz / Lineal Yard. Smooth or textured	SF	\$2.09	\$1.58	\$0.00	\$3.67
105243	Dry Erase Wall Covering	SF	\$2.09	\$4.77	\$0.00	\$6.86
105244	[Modifier] Quantity Premium - Wall Coverings (101-500 SF) Quantity premium can be used when total square footage in section 09-72-00 Wall Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105245	[Modifier] Quantity Premium - Wall Coverings (51-100 SF) Quantity premium can be used when total square footage in section 09-72-00 Wall Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105246	[Modifier] Quantity Premium - Wall Coverings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-72-00 Wall Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-74-00 Flexible Wood Sheets

09-72-00 Wall Coverings

Wall coverings of natural or synthetic materials with backing. Includes wall preparation and adhesives.

105247	Prefinished Gypsum Board - Durasan or Equal Includes trim pieces	SF	\$1.32	\$4.18	\$0.00	\$5.50
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09-74-13 Wood Wall Coverings

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
105248	Flexible Wood Wall Covering	SF	\$2.83	\$13.52	\$0.00	\$16.35
105249	[Modifier] Quantity Premium - Wood Wall Coverings (101-500 SF) Quantity premium can be used when total square footage in section 09-74-13 Wood Wall Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105250	[Modifier] Quantity Premium - Wood Wall Coverings (51-100 SF) Quantity premium can be used when total square footage in section 09-74-13 Wood Wall Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105251	[Modifier] Quantity Premium - Wood Wall Coverings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-74-13 Wood Wall Coverings are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-77-00 Special Wall Surfacing						
09-77-00 Special Wall Surfacing						
105252	Fabric Wrapped Wall Panel – Economy Range Up to 1", 3#/CF, NRC = .80	SF	\$2.82	\$11.40	\$0.00	\$14.22
105253	Fabric Wrapped Wall Panel – Standard Range Up to 1", 6#/CF, NRC = .85	SF	\$2.82	\$15.90	\$0.00	\$18.72
105254	Fabric Wrapped Wall Panel – Premium Range Up to 2", 3#/CF, NRC = 1.15	SF	\$2.82	\$26.50	\$0.00	\$29.32
105255	[Modifier] Quantity Premium - Special Wall Surfacing (101-500 SF) Quantity premium can be used when total square footage in section 09-77-00 Special Wall Surfacing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105256	[Modifier] Quantity Premium - Special Wall Surfacing (51-100 SF) Quantity premium can be used when total square footage in section 09-77-00 Special Wall Surfacing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
105257	[Modifier] Quantity Premium - Special Wall Surfacing (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-77-00 Special Wall Surfacing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-78-00 Interior Wall Paneling

Includes all fasteners, hangers, supports, frames, trim pieces, termination strips, grout, mortar, sealant, and cleaning for a fully installed system

09-78-00 Interior Wall Paneling

Includes all fasteners, hangers, supports, frames, trim pieces, termination strips, grout, mortar, sealant, and cleaning for a fully installed system

105258	Aluminum Wall Panel Up to .2" thickness 1" depth, reveal edge, on honeycomb backer. Panels sizing up to 5' x 12'. Attached with flushmount angle or equal. Includes all filler pieces	SF	\$3.48	\$15.90	\$0.00	\$19.38
105259	Stainless Steel Wall Panel Up to 24 gauge 1" depth, reveal edge, on honeycomb backer. Panels sizing up to 5' x 12'. Attached with flushmount angle or equal. Includes all filler pieces	SF	\$3.48	\$26.50	\$0.00	\$29.98
105260	Manufactured Adhered Stone Eldorado limestone or equal	SF	\$24.85	\$32.46	\$0.00	\$57.31
105261	Synthetic Adhered Stone Veneerstone or equal	SF	\$17.40	\$22.72	\$0.00	\$40.12
105262	Stone Sill	SF	\$12.16	\$42.40	\$0.00	\$54.56
105263	Stone Trim	SF	\$12.16	\$42.40	\$0.00	\$54.56
105264	Stone Column Cap Or Base	SF	\$866.82	\$1,590.00	\$0.00	\$2,456.82
105265	Granite / Marble Wall Panel	SF	\$21.99	\$44.90	\$0.00	\$66.89
105266	Granite / Marble Column Cover	SF	\$26.01	\$47.70	\$0.00	\$73.71
105267	Granite / Marble Sill	LF	\$12.16	\$42.40	\$0.00	\$54.56
105268	Granite / Marble Trim	LF	\$12.16	\$42.40	\$0.00	\$54.56
105269	Granite / Marble Column Cap Or Base	EA	\$866.82	\$1,590.00	\$0.00	\$2,456.82
105270	Phenolic Wall Panel	SF	\$3.48	\$11.13	\$0.00	\$14.61
105271	Resinous Wall Panel Custom resinous panels with integral colors and/or patterns. Smooth or textured finish. 3Form or equal	SF	\$4.34	\$63.60	\$0.00	\$67.94
105272	Glass Wall Panel Custom glass panels with integral colors and/or patterns. Smooth or textured finish	SF	\$4.34	\$68.90	\$0.00	\$73.24

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		Units	Labor	Material	Equipment	Total
105273	[Modifier] Quantity Premium - Interior Wall Paneling (101-500 SF) Quantity premium can be used when total square footage in section 09-78-00 Interior Wall Paneling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105274	[Modifier] Quantity Premium - Interior Wall Paneling (51-100 SF) Quantity premium can be used when total square footage in section 09-78-00 Interior Wall Paneling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105275	[Modifier] Quantity Premium - Interior Wall Paneling (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-78-00 Interior Wall Paneling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-80-00 Acoustic Treatment

09-81-00 Acoustic Insulation

09-81-00 Acoustic Insulation

105276	2-1/2" Sound Attenuation Batt Thickness provided to achieve overall STC rating as determined by the project documents	SF	\$0.87	\$0.43	\$0.00	\$1.30
105277	3-1/2" Sound Attenuation Batt Thickness provided to achieve overall STC rating as determined by the project documents	SF	\$0.87	\$0.52	\$0.00	\$1.39
105278	5-1/2" Sound Attenuation Batt Thickness provided to achieve overall STC rating as determined by the project documents	SF	\$0.87	\$0.79	\$0.00	\$1.66
105279	[Modifier] Quantity Premium - Acoustic Insulation (101-500 SF) Quantity premium can be used when total square footage in section 09-81-00 Acoustic Insulation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105280	[Modifier] Quantity Premium - Acoustic Insulation (51-100 SF) Quantity premium can be used when total square footage in section 09-81-00 Acoustic Insulation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
105281	[Modifier] Quantity Premium - Acoustic Insulation (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-81-00 Acoustic Insulation are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46

09-83-00 Acoustic Finishes

Natural or synthetic Fabrics stretched and wrapped around a lightweight acoustical core material in modular sizes. Panel edges match face material. Products provided to achieve overall NRC rating as determined by the project documents

09-83-00 Acoustic Finishes

Natural or synthetic Fabrics stretched and wrapped around a lightweight acoustical core material in modular sizes. Panel edges match face material. Products provided to achieve overall NRC rating as determined by the project documents

105282	Spray Textured Acoustic Finish (1" Thick) Lightweight gypsum coating, textured with additives to provide sound deadening properties	SF	\$1.68	\$2.83	\$0.00	\$4.51
105283	Spray Textured Acoustic Finish (1/2" Thick) Lightweight gypsum coating, textured with additives to provide sound deadening properties	SF	\$0.84	\$1.41	\$0.00	\$2.25
105284	Acoustic Plaster Ceiling System Includes bearing main and secondary rail support grid, and/or light gauge framing, with lath suitable to application. Control and edge trims included. Textured finish system engineered for sound absorption qualities. NRC rated to .80 or better	SF	\$11.06	\$3.71	\$0.00	\$14.77
105285	Acoustic Plaster, Direct Applied Textured acrylic plaster for sound reduction	SF	\$4.98	\$1.33	\$0.00	\$6.31
105286	Acoustic Plaster On Backer Board (Per Side) Includes acoustical plaster on backer board substrate. Textured finish system engineered for sound absorption qualities. NRC rated to .80 or better	SF	\$4.98	\$3.18	\$0.00	\$8.16
105287	Acoustical Wall Panel (Absorptive) – Economy Natural or synthetic fabric faced panel, 1-3 lbs density mineral fiber up to 1" thick	SF	\$4.98	\$15.37	\$0.00	\$20.35
105288	Acoustical Wall Panel (Absorptive) – Standard Natural or synthetic fabric faced panel, 4-6 lbs density mineral fiber or board, up to 2" thick	SF	\$4.98	\$18.55	\$0.00	\$23.53

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		Units	Labor	Material	Equipment	Total
105289	Acoustical Wall Panel (Absorptive) – Premium Natural or synthetic fabric faced panel, 8-10 mineral density board, up to ¾ inch thick	SF	\$4.98	\$21.20	\$0.00	\$26.18
105290	Acoustical Wall Panel (Absorptive) – Economy With Perforated Plastic Sheet Natural or synthetic fabric faced panel, 1-3 lbs density mineral fiber up to 1" thick	SF	\$4.98	\$18.44	\$0.00	\$23.42
105291	Acoustical Wall Panel (Absorptive) – Standard With Perforated Plastic Sheet Natural or synthetic fabric faced panel, 4-6 lbs density mineral fiber or board, up to 2" thick	SF	\$4.98	\$22.26	\$0.00	\$27.24
105292	Acoustical Wall Panel (Absorptive) – Premium With Perforated Plastic Sheet Natural or synthetic fabric faced panel, 8-10 mineral density board, up to ¾ inch thick	SF	\$4.98	\$25.44	\$0.00	\$30.42
105293	Acoustical Wall Panel (Reflective) – Economy Natural or synthetic fabric faced panel, perforated Plastic core or hardboard core. Up to 1/4" Core	SF	\$4.98	\$15.37	\$0.00	\$20.35
105294	Acoustical Wall Panel (Reflective) – Standard Prime Painted pre-molded plastic, geometric acoustical reflectors, up to 8" deep	SF	\$4.98	\$26.50	\$0.00	\$31.48
105295	Acoustical Wall Panel (Reflective) – Premium Fabric faced pre-molded plastic cores, geometric shapes, up to 12" Deep	SF	\$4.98	\$37.09	\$0.00	\$42.07
105296	Fabric Faced Ceiling Hung Baffle Natural or synthetic fabric faced panel, 8-10 mineral density board	SF	\$4.98	\$25.44	\$0.00	\$30.42
105297	[Modifier] Quantity Premium - Acoustic Finishes (101-500 SF) Quantity premium can be used when total square footage in section 09-83-00 Acoustic Finishes are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.09	\$0.00	\$0.00	\$2.09
105298	[Modifier] Quantity Premium - Acoustic Finishes (51-100 SF) Quantity premium can be used when total square footage in section 09-83-00 Acoustic Finishes are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23

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		Units	Labor	Material	Equipment	Total
105299	[Modifier] Quantity Premium - Acoustic Finishes (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-83-00 Acoustic Finishes are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
09-90-00 Painting and Coating						
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09-90-00 Painting and Coating						
105300	Pressure Wash Existing Surface for Paint (Wood or Metal)	SF	\$0.30	\$0.05	\$0.15	\$0.50
105301	Metal Surface Cleaning - Scrape by Hand	SF	\$1.02	\$0.00	\$0.14	\$1.16
105302	Surface Preparation Sandblast Structural Steel	SFCA	\$2.75	\$0.00	\$0.00	\$2.75
105303	Metal Surface Cleaning - Power Tool	SF	\$0.61	\$0.00	\$0.17	\$0.78
105304	Existing Drywall Surface Preparation - Drywall Compound Skim Coat	SF	\$0.66	\$0.18	\$0.00	\$0.84
105305	Surface Preparation - Sandblast Water Tower/Tank - Exterior Includes media (as specified), media blaster with compressor and vacuum equipment	SFCA	\$2.42	\$0.43	\$0.80	\$3.65
105306	Surface Preparation - Sandblast Water Tower/Tank - Interior Includes media (as specified), media blaster with compressor and vacuum equipment	SFCA	\$5.05	\$0.90	\$1.69	\$7.64
09-96-56 Epoxy Coatings						
105307	Epoxy Paint Floor – Concrete	SF	\$1.02	\$0.59	\$0.00	\$1.61
09-91-00 Painting						
<i>All painting costs are complete systems with one primer coat and two finish coats unless noted otherwise. Includes surface preparation to comply with manufacturer's requirements, removal of all deleterious materials, and application of primer (over unpainted) or barrier coats (over previously painted surfaces). Follow project documents as well as manufacturers requirements for number of required coats and DFT thicknesses. Includes all protection, including but not limited to plastic sheeting, tarps, tape, etc.</i>						
09-91-13 Exterior Painting						
105308	Paint Siding – Steel Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	SF	\$1.04	\$0.41	\$0.00	\$1.45
105309	Paint Galvanized Sheet Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	SF	\$1.04	\$0.41	\$0.00	\$1.45
105310	Paint Siding – Stucco (High Solids Acrylic Latex Paint) Includes One Coat Primer and Two Coats Paint	SF	\$1.13	\$0.41	\$0.00	\$1.54
105311	Paint Fiber Cement Siding Includes One Coat Primer and Two Coats Paint	SF	\$1.13	\$0.41	\$0.00	\$1.54

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		Units	Labor	Material	Equipment	Total
105312	Paint Wood Lap Siding Includes One Coat Primer and Two Coats Paint	SF	\$1.13	\$0.41	\$0.00	\$1.54
105313	Paint Wood Shingle Siding Includes One Coat Primer and Two Coats Paint	SF	\$1.13	\$0.41	\$0.00	\$1.54
105314	Paint Exterior Soffit Includes One Coat Primer and Two Coats Paint	SF	\$1.30	\$0.41	\$0.00	\$1.71
105315	Paint Exterior Trim Includes One Coat Primer and Two Coats Paint	LF	\$2.59	\$0.51	\$0.00	\$3.10
105316	Paint Exterior CMU Wall Includes One Coat Primer and Two Coats Paint	SF	\$1.47	\$0.62	\$0.00	\$2.09
105317	Paint Exterior Door Wood – Single Door Includes One Coat Primer and Two Coats Paint	EA	\$115.98	\$20.66	\$0.00	\$136.64
105318	Paint Exterior Door Metal – Single Door Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	EA	\$115.98	\$20.66	\$0.00	\$136.64
105319	Paint Exterior Door Composite – Single Door Includes One Coat Primer and Two Coats Paint	EA	\$115.98	\$20.66	\$0.00	\$136.64
105320	Paint Exterior Door Wood – Double Door Includes One Coat Primer and Two Coats Paint	EA	\$231.96	\$41.31	\$0.00	\$273.27
105321	Paint Exterior Door Metal – Double Door Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	EA	\$231.96	\$41.31	\$0.00	\$273.27
105322	Paint Exterior Door Composite – Double Door Includes One Coat Primer and Two Coats Paint	EA	\$231.96	\$41.31	\$0.00	\$273.27
105323	Paint Exterior Door Frame – Single Wood Includes One Coat Primer and Two Coats Paint	EA	\$103.13	\$14.46	\$0.00	\$117.59
105324	Paint Exterior Door Frame – Single Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	EA	\$103.13	\$14.46	\$0.00	\$117.59
105325	Paint Exterior Door Frame – Double Wood Includes One Coat Primer and Two Coats Paint	EA	\$171.89	\$26.03	\$0.00	\$197.92
105326	Paint Exterior Door Frame – Double Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	EA	\$171.89	\$26.03	\$0.00	\$197.92

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		Units	Labor	Material	Equipment	Total
105327	Paint Exterior Roll Up Doors – Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	SF	\$1.04	\$0.41	\$0.00	\$1.45
105328	Paint Exterior Roll Up Doors – Wood Includes One Coat Primer and Two Coats Paint	SF	\$1.04	\$0.41	\$0.00	\$1.45
105329	Paint Exterior Gate – Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	SF	\$1.24	\$0.50	\$0.00	\$1.74
105330	Paint Exterior Gate – Wood Includes One Coat Primer and Two Coats Paint	SF	\$1.24	\$0.50	\$0.00	\$1.74
105331	Paint Exterior Hatch- Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	SF	\$1.24	\$0.50	\$0.00	\$1.74
105332	Paint Exterior Hatch – Wood Includes One Coat Primer and Two Coats Paint	SF	\$1.24	\$0.50	\$0.00	\$1.74
105333	Paint Window – Wood (Acrylic Enamel Paint) Includes One Coat Primer / Barrier Coat and Two Coats Paint	SF	\$18.43	\$3.61	\$0.00	\$22.04
105334	Paint Window – Metal Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Paint	SF	\$18.43	\$3.61	\$0.00	\$22.04
105335	Paint Wood Fencing Includes One Coat Primer and Two Coats Paint	SF	\$1.13	\$0.41	\$0.00	\$1.54
105336	Paint Wrought Iron Fencing Includes One Coat Primer and Two Coats Paint	SF	\$1.77	\$0.41	\$0.00	\$2.18
105337	Paint Bollard (High Build Impact Resistant Epoxy Paint) Includes One Coat Primer and Two Coats Paint	EA	\$92.18	\$20.66	\$0.00	\$112.84
105338	Paint Ladder – LF Of Ladder Includes One Coat Primer and Two Coats Paint	LF	\$44.24	\$2.06	\$0.00	\$46.30
105339	Paint Ladder With Cage – LF Of Ladder Includes One Coat Primer and Two Coats Paint	LF	\$61.94	\$2.89	\$0.00	\$64.83
105340	Single Coat Paint Siding - Steel Excludes Primer	SF	\$0.34	\$0.13	\$0.00	\$0.47
105341	Single Coat Paint Galvanized Sheet Metal Excludes Primer	SF	\$0.34	\$0.13	\$0.00	\$0.47
105342	Single Coat Paint Siding - Stucco (High Solids Acrylic Latex Paint) Excludes Primer	SF	\$0.38	\$0.13	\$0.00	\$0.51
105343	Single Coat Paint Fiber Cement Siding Excludes Primer	SF	\$0.38	\$0.13	\$0.00	\$0.51

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		Units	Labor	Material	Equipment	Total
105344	Single Coat Paint Wood Lap Siding Excludes Primer	SF	\$0.38	\$0.13	\$0.00	\$0.51
105345	Single Coat Paint Wood Shingle Siding Excludes Primer	SF	\$0.38	\$0.13	\$0.00	\$0.51
105346	Single Coat Paint Exterior Soffit Excludes Primer	SF	\$0.44	\$0.13	\$0.00	\$0.57
105347	Single Coat Paint Exterior Trim Excludes Primer	LF	\$0.86	\$0.17	\$0.00	\$1.03
105348	Single Coat Paint Exterior CMU Wall Excludes Primer	SF	\$0.49	\$0.21	\$0.00	\$0.70
105349	Single Coat Paint Exterior Door Wood – Single Door Excludes Primer	EA	\$38.66	\$6.89	\$0.00	\$45.55
105350	Single Coat Paint Exterior Door Metal – Single Door Excludes Primer	EA	\$38.66	\$6.89	\$0.00	\$45.55
105351	Single Coat Paint Exterior Door Composite – Single Door Excludes Primer	EA	\$38.66	\$6.89	\$0.00	\$45.55
105352	Single Coat Paint Exterior Door Wood – Double Door Excludes Primer	EA	\$77.31	\$13.77	\$0.00	\$91.08
105353	Single Coat Paint Exterior Door Metal – Double Door Excludes Primer	EA	\$77.31	\$13.77	\$0.00	\$91.08
105354	Single Coat Paint Exterior Door Composite – Double Door Excludes Primer	EA	\$77.31	\$13.77	\$0.00	\$91.08
105355	Single Coat Paint Exterior Door Frame – Single Wood Excludes Primer	EA	\$34.37	\$4.82	\$0.00	\$39.19
105356	Single Coat Paint Exterior Door Frame – Single Metal Excludes Primer	EA	\$34.37	\$4.82	\$0.00	\$39.19
105357	Single Coat Paint Exterior Door Frame – Double Wood Excludes Primer	EA	\$57.29	\$8.68	\$0.00	\$65.97
105358	Single Coat Paint Exterior Door Frame – Double Metal Excludes Primer	EA	\$57.29	\$8.68	\$0.00	\$65.97
105359	Single Coat Paint Exterior Roll Up Doors – Metal Excludes Primer	SF	\$0.34	\$0.13	\$0.00	\$0.47
105360	Single Coat Paint Exterior Roll Up Doors – Wood Excludes Primer	SF	\$0.34	\$0.13	\$0.00	\$0.47
105361	Single Coat Paint Exterior Gate – Metal Excludes Primer	SF	\$0.41	\$0.17	\$0.00	\$0.58
105362	Single Coat Paint Exterior Gate – Wood Excludes Primer	SF	\$0.41	\$0.17	\$0.00	\$0.58
105363	Single Coat Paint Exterior Hatch-Metal Excludes Primer	SF	\$0.41	\$0.17	\$0.00	\$0.58

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		Units	Labor	Material	Equipment	Total
105364	Single Coat Paint Exterior Hatch – Wood Excludes Primer	SF	\$0.41	\$0.17	\$0.00	\$0.58
105365	Single Coat Paint Window – Wood (Acrylic Enamel Paint) Excludes Primer	SF	\$6.14	\$1.21	\$0.00	\$7.35
105366	Single Coat Paint Window – Metal Excludes Primer	SF	\$6.14	\$1.21	\$0.00	\$7.35
105367	Single Coat Paint Wood Fencing Excludes Primer	SF	\$0.38	\$0.13	\$0.00	\$0.51
105368	Single Coat Paint Wrought Iron Fencing Excludes Primer	SF	\$0.59	\$0.13	\$0.00	\$0.72
105369	Single Coat Paint Bollard Excludes Primer	EA	\$30.73	\$6.89	\$0.00	\$37.62
105370	Single Coat Paint Ladder – LF Of Ladder Excludes Primer	LF	\$14.74	\$0.68	\$0.00	\$15.42
105371	Single Coat Paint Ladder With Cage – LF Of Ladder Excludes Primer	LF	\$20.64	\$0.96	\$0.00	\$21.60
105372	[Modifier] Quantity Premium - Exterior Painting (101-500 SF) Quantity premium can be used when total square footage in section 09-91-13 Exterior Painting are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
105373	[Modifier] Quantity Premium - Exterior Painting (51-100 SF) Quantity premium can be used when total square footage in section 09-91-13 Exterior Painting are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
105374	[Modifier] Quantity Premium - Exterior Painting (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-91-13 Exterior Painting are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53
09-91-23 Interior Painting						
105375	Paint Interior Floor - Concrete Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$0.69	\$0.16	\$0.00	\$0.85
105376	Paint Interior Floor - Concrete (Urethane) Includes One Coat Primer and Two Coats Urethane Paint	SF	\$5.06	\$5.83	\$0.00	\$10.89
105377	Paint Interior Ceiling - GWB, Drywall, or Plaster Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$1.21	\$0.35	\$0.00	\$1.56

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		Units	Labor	Material	Equipment	Total
105378	Paint Interior Soffit - GWB, Drywall, or Plaster Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$1.47	\$0.35	\$0.00	\$1.82
105379	Paint Interior Structural Steel - Exposed Ceiling Includes One Barrier Coat (Over Factory Shop Primer) and Two Coats Dry Fall Acrylic Paint	SF	\$2.20	\$0.54	\$0.00	\$2.74
105380	Paint Interior Column - CMU or Concrete Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$1.72	\$0.54	\$0.00	\$2.26
105381	Paint Interior Column - GWB, Drywall, or Plaster Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$1.13	\$0.35	\$0.00	\$1.48
105382	Paint Interior Wall - CMU or Concrete Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$1.47	\$0.54	\$0.00	\$2.01
105383	Paint Interior Wall - GWB, Drywall, or Plaster Includes One Coat Primer and Two Coats Acrylic Latex Paint	SF	\$0.97	\$0.35	\$0.00	\$1.32
105384	Paint Interior Trim - Wood or Composite Includes One Coat Primer and Two Coats Acrylic Latex Paint	LF	\$2.59	\$0.44	\$0.00	\$3.03
105385	Paint Interior Wood or Composite Door - Single Includes One Coat Primer and Two Coats Acrylic Latex Paint	EA	\$115.98	\$17.81	\$0.00	\$133.79
105386	Paint Interior Wood or Composite Door - Double Includes One Coat Primer and Two Coats Acrylic Latex Paint	EA	\$231.96	\$35.62	\$0.00	\$267.58
105387	Paint Interior Wood or Composite Door Frame - Single Includes One Coat Primer and Two Coats Acrylic Latex Paint	EA	\$103.13	\$12.47	\$0.00	\$115.60
105388	Paint Interior Wood or Composite Door Frame - Double Includes One Coat Primer and Two Coats Acrylic Latex Paint	EA	\$171.89	\$22.44	\$0.00	\$194.33
105389	Paint Interior Metal Door - Single Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Urethane Enamel Paint	EA	\$115.98	\$21.19	\$0.00	\$137.17
105390	Paint Interior Metal Door - Double Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Urethane Enamel Paint	EA	\$231.96	\$42.38	\$0.00	\$274.34

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		Units	Labor	Material	Equipment	Total
105391	Paint Interior Metal Door Frame - Single Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Urethane Enamel Paint	EA	\$103.13	\$14.84	\$0.00	\$117.97
105392	Paint Interior Metal Door Frame - Double Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Urethane Enamel Paint	EA	\$171.89	\$26.70	\$0.00	\$198.59
105393	Paint Interior Metal Door - Roll Up Includes One Coat Metal Primer w/ Corrosion Inhibiting Properties and Two Coats Urethane Enamel Paint	SF	\$1.04	\$0.43	\$0.00	\$1.47
105394	Paint Interior Locker (Electrostatically Applied Enamel Paint) Includes One Coat Primer and Two Coats Urethane Enamel Paint	EA	\$129.56	\$26.71	\$0.00	\$156.27
105395	Single Coat Paint Interior Ceiling - GWB, Drywall, or Plaster Acrylic Latex Paint. Excludes Primer	SF	\$0.40	\$0.12	\$0.00	\$0.52
105396	Single Coat Paint Interior Soffit - GWB, Drywall, or Plaster Acrylic Latex Paint. Excludes Primer	SF	\$0.49	\$0.12	\$0.00	\$0.61
105397	Single Coat Paint Interior Structural Steel - Exposed Ceiling Dry Fall Acrylic Paint. Excludes Primer	SF	\$0.74	\$0.18	\$0.00	\$0.92
105398	Single Coat Paint Interior Column - CMU or Concrete Acrylic Latex Paint. Excludes Primer	SF	\$0.58	\$0.18	\$0.00	\$0.76
105399	Single Coat Paint Interior Column - GWB, Drywall, or Plaster Acrylic Latex Paint. Excludes Primer	SF	\$0.38	\$0.12	\$0.00	\$0.50
105400	Single Coat Paint Interior Wall - CMU or Concrete Acrylic Latex Paint. Excludes Primer	SF	\$0.49	\$0.18	\$0.00	\$0.67
105401	Single Coat Paint Interior Wall - GWB, Drywall, or Plaster Acrylic Latex Paint. Excludes Primer	SF	\$0.32	\$0.12	\$0.00	\$0.44
105402	Single Coat Paint Interior Trim - Wood or Composite Acrylic Latex Paint. Excludes Primer	LF	\$0.86	\$0.15	\$0.00	\$1.01
105403	Single Coat Paint Interior Wood or Composite Door - Single Acrylic Latex Paint. Excludes Primer	EA	\$38.66	\$5.94	\$0.00	\$44.60

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		Units	Labor	Material	Equipment	Total
105404	Single Coat Paint Interior Wood or Composite Door - Double Acrylic Latex Paint. Excludes Primer	EA	\$77.31	\$11.87	\$0.00	\$89.18
105405	Single Coat Paint Interior Wood or Composite Door Frame - Single Acrylic Latex Paint. Excludes Primer	EA	\$34.37	\$4.16	\$0.00	\$38.53
105406	Single Coat Paint Interior Wood or Composite Door Frame - Double Acrylic Latex Paint. Excludes Primer	EA	\$57.29	\$7.48	\$0.00	\$64.77
105407	Single Coat Paint Interior Metal Door - Single Urethane Enamel Paint. Excludes Primer	EA	\$38.66	\$7.06	\$0.00	\$45.72
105408	Single Coat Paint Interior Metal Door - Double Urethane Enamel Paint. Excludes Primer	EA	\$77.31	\$14.13	\$0.00	\$91.44
105409	Single Coat Paint Interior Metal Door Frame - Single Urethane Enamel Paint. Excludes Primer	EA	\$34.37	\$4.95	\$0.00	\$39.32
105410	Single Coat Paint Interior Metal Door Frame - Double Urethane Enamel Paint. Excludes Primer	EA	\$57.29	\$8.90	\$0.00	\$66.19
105411	Single Coat Paint Interior Metal Door - Roll Up Urethane Enamel Paint. Excludes Primer	SF	\$0.34	\$0.15	\$0.00	\$0.49
105412	Single Coat Paint Interior Lockers - Electrostatically Applied Enamel Paint Urethane Enamel Paint. Excludes Primer	EA	\$43.18	\$8.90	\$0.00	\$52.08
105413	Dry Erase Wall Paint	SF	\$0.80	\$4.45	\$0.00	\$5.25
105414	[Modifier] Scuff Resistant Primer Water based hi build epoxy. 1-1.5mm	SF	\$0.00	\$1.06	\$0.00	\$1.06
105415	[Modifier] Quantity Premium - Interior Painting (101-500 SF) Quantity premium can be used when total square footage in section 09-91-23 Interior Painting are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
105416	[Modifier] Quantity Premium - Interior Painting (51-100 SF) Quantity premium can be used when total square footage in section 09-91-23 Interior Painting are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27

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		Units	Labor	Material	Equipment	Total
105417	[Modifier] Quantity Premium - Interior Painting (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-91-23 Interior Painting are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

09-93-00 Staining and Transparent Finishing

All staining costs are complete systems. Includes surface preparation to comply with manufacturer's requirements, removal of all deleterious materials, and application of stain and sealer. Follow project documents as well as manufacturers requirements for number of required coats and thicknesses. Includes all protection, including but not limited to plastic sheeting, tarps, tape, etc.

09-93-00 Staining and Transparent Finishing

All staining costs are complete systems. Includes surface preparation to comply with manufacturer's requirements, removal of all deleterious materials, and application of stain and sealer. Follow project documents as well as manufacturers requirements for number of required coats and thicknesses. Includes all protection, including but not limited to plastic sheeting, tarps, tape, etc.

105418	Stain and Seal Wood Sills	SFCA	\$1.23	\$0.38	\$0.00	\$1.61
105419	Stain and Seal Wood Door – Single	EA	\$82.85	\$12.73	\$0.00	\$95.58
105420	Stain and Seal Wood Door – Double	EA	\$165.68	\$25.44	\$0.00	\$191.12
105421	Stain and Seal Wood Frame – Single	EA	\$73.67	\$8.90	\$0.00	\$82.57
105422	Stain and Seal Wood Frame – Double	EA	\$122.79	\$16.03	\$0.00	\$138.82
105423	Stain and Seal Wall Panel	SF	\$1.23	\$0.38	\$0.00	\$1.61
105424	Stain and Seal Casework	SF	\$2.47	\$0.77	\$0.00	\$3.24
105425	Stain and Seal Wood Lap Siding	SF	\$0.69	\$0.38	\$0.00	\$1.07
105426	Stain and Seal Wood Shingle Siding	SF	\$0.74	\$0.38	\$0.00	\$1.12
105427	Stain and Seal Wood Fencing	SF	\$0.69	\$0.38	\$0.00	\$1.07
105428	Stain Window	SF	\$13.17	\$2.23	\$0.00	\$15.40
105429	[Modifier] Quantity Premium - Staining and Transparent Finishing (101-500 SF) Quantity premium can be used when total square footage in section 09-93-00 Staining and Transparent Finishing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
105430	[Modifier] Quantity Premium - Staining and Transparent Finishing (51-100 SF) Quantity premium can be used when total square footage in section 09-93-00 Staining and Transparent Finishing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
105431	[Modifier] Quantity Premium - Staining and Transparent Finishing (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-93-00 Staining and Transparent Finishing are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

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		Units	Labor	Material	Equipment	Total
09-96-00 High-Performance Coatings						
<i>All painting costs are complete systems. Includes surface preparation to comply with manufacturer's requirements, removal of all deleterious materials, and application of primer (over unpainted) or barrier coats (over previously painted surfaces). Follow project documents as well as manufacturers requirements for number of required coats and DFT thicknesses. Includes all protection, including but not limited to plastic sheeting, tarps, tape, etc. Includes primer and high solids aliphatic or urethane epoxies with intermediate and top coat. 3-5mils finished thickness. Includes barrier coat for incompatible shop primers. Includes primers for high humidity environments</i>						
09-96-23 Graffiti-Resistant Coatings						
105432	Anti-Graffiti Coating Permanent (Interior) – Spray On Permanent	SF	\$1.40	\$1.21	\$0.00	\$2.61
105433	Anti-Graffiti Coating Permanent (Interior) – Roll On Permanent	SF	\$1.76	\$1.21	\$0.00	\$2.97
105434	Anti-Graffiti Coating Permanent (Exterior) – Spray On Permanent	SF	\$1.22	\$1.02	\$0.00	\$2.24
105435	Anti-Graffiti Coating Permanent (Exterior) – Roll On Permanent	SF	\$1.53	\$1.02	\$0.00	\$2.55
105436	Anti-Graffiti Coating Sacrificial (Interior) – Spray On Sacrificial	SF	\$1.00	\$0.49	\$0.00	\$1.49
105437	Anti-Graffiti Coating Sacrificial (Interior) – Roll On Sacrificial	SF	\$1.25	\$0.49	\$0.00	\$1.74
105438	Anti-Graffiti Coating Sacrificial (Exterior) – Spray On Sacrificial	SF	\$0.87	\$0.41	\$0.00	\$1.28
105439	Anti-Graffiti Coating Sacrificial (Exterior) – Roll On Sacrificial	SF	\$1.09	\$0.41	\$0.00	\$1.50
105440	[Modifier] Quantity Premium - Anti-Graffiti Coatings (101-500 SF) Quantity premium can be used when total square footage in section 09-96-23 Anti-Graffiti Coatings is within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
105441	[Modifier] Quantity Premium - Anti-Graffiti Coatings (51-100 SF) Quantity premium can be used when total square footage in section 09-96-23 Anti-Graffiti Coatings is within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
105442	[Modifier] Quantity Premium - Anti-Graffiti Coatings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-96-23 Anti-Graffiti Coatings is within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53
09-96-56 Epoxy Coatings						

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		Units	Labor	Material	Equipment	Total
105443	Epoxy Paint Metal Pan Stair Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	RI	\$64.45	\$21.37	\$0.00	\$85.82
105444	Epoxy Paint Ceiling	SF	\$1.38	\$0.89	\$0.00	\$2.27
105445	Epoxy Paint Structural Steel - High Humidity/High Build Chlorine resistant formulations	SF	\$4.27	\$1.78	\$0.00	\$6.05
105446	Epoxy Paint Wall - CMU or Concrete	SF	\$1.72	\$0.98	\$0.00	\$2.70
105447	Epoxy Paint Wall - GWB, Drywall, or Plaster	SF	\$1.21	\$0.82	\$0.00	\$2.03
105448	Epoxy Paint Railing - Single Line or Wall Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$8.86	\$0.35	\$0.00	\$9.21
105449	Epoxy Paint Railing - Two Line Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$17.70	\$0.71	\$0.00	\$18.41
105450	Epoxy Paint Railing - Three Line Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$26.55	\$1.07	\$0.00	\$27.62
105451	Epoxy Paint Railing - Four Line Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$35.40	\$1.43	\$0.00	\$36.83
105452	Epoxy Paint Railing - Five Line Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$44.24	\$1.78	\$0.00	\$46.02
105453	Epoxy Paint Handrail w/ Mesh Panels Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$44.24	\$1.78	\$0.00	\$46.02
105454	Epoxy Paint Handrail w/ Vertical Pickets Includes One Coat Primer and Two Coats High Build Impact Resistant Epoxy Paint	LF	\$44.24	\$1.78	\$0.00	\$46.02
105455	Single Coat Epoxy Paint Metal Pan Stair High Build Impact Resistant Epoxy Paint, Excludes Primer	RI	\$21.48	\$7.12	\$0.00	\$28.60
105456	Single Coat Epoxy Paint Railing - Single Line or Wall High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$2.96	\$0.12	\$0.00	\$3.08
105457	Single Coat Epoxy Paint Railing - Two Line High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$5.90	\$0.24	\$0.00	\$6.14
105458	Single Coat Epoxy Paint Railing - Three Line High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$8.86	\$0.35	\$0.00	\$9.21

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		Units	Labor	Material	Equipment	Total
105459	Single Coat Epoxy Paint Railing - Four Line High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$11.80	\$0.48	\$0.00	\$12.28
105460	Single Coat Epoxy Paint Railing - Five Line High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$14.74	\$0.60	\$0.00	\$15.34
105461	Single Coat Epoxy Paint Handrail w/ Mesh Panels High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$14.74	\$0.60	\$0.00	\$15.34
105462	Single Coat Epoxy Paint Handrail w/ Vertical Pickets High Build Impact Resistant Epoxy Paint, Excludes Primer	LF	\$14.74	\$0.60	\$0.00	\$15.34
105463	[Modifier] Quantity Premium - Epoxy Coatings (101-500 SF) Quantity premium can be used when total square footage in section 09-96-56 Epoxy Coatings is within stated quantities. Can be applied cumulatively to base line items.	SF	\$2.10	\$0.00	\$0.00	\$2.10
105464	[Modifier] Quantity Premium - Epoxy Coatings (51-100 SF) Quantity premium can be used when total square footage in section 09-96-56 Epoxy Coatings is within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.27	\$0.00	\$0.00	\$5.27
105465	[Modifier] Quantity Premium - Epoxy Coatings (< or = to 50 SF) Quantity premium can be used when total square footage in section 09-96-56 Epoxy Coatings is within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.53	\$0.00	\$0.00	\$10.53

09-97-00 Special Coatings

09-97-13 Steel Coatings

105466	Paint Water Tower/Tank Exterior 3 coat application, zinc-epoxy-polyurethane	SFCA	\$2.59	\$4.25	\$1.69	\$8.53
105467	Paint Water Tower/Tank Interior 3 coat application, zinc-epoxy-epoxy	SFCA	\$1.36	\$3.10	\$0.80	\$5.26

10-00-00 Specialties

10-10-00 Information Specialties

10-11-00 Visual Display Units

10-11-13 Chalkboards

Chalkboards are black porcelain, unless noted otherwise. Includes all mounting hardware and accessory tray

105468	Chalkboard With Aluminum Frame	SF	\$3.48	\$11.13	\$0.00	\$14.61
105469	Chalkboard With Wood Frame	SF	\$3.48	\$13.25	\$0.00	\$16.73

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		Units	Labor	Material	Equipment	Total
105470	[Modifier] Manual Sliding Panels Includes any number of panels	SF	\$0.00	\$5.30	\$0.00	\$5.30
105471	[Modifier] Motorized Sliding Panels Includes any number of panels	SF	\$0.00	\$15.90	\$0.00	\$15.90
105472	[Modifier] Magnetic	SF	\$0.00	\$3.71	\$0.00	\$3.71
10-11-16 Markerboards						
<i>Markerboards are white Melamine, unless noted otherwise. Includes all mounting hardware and accessory tray</i>						
105473	Markerboard With Aluminum Frame	SF	\$3.48	\$13.36	\$0.00	\$16.84
105474	Markerboard With Wood Frame	SF	\$3.48	\$15.90	\$0.00	\$19.38
105475	Markerboard Glass	SF	\$3.48	\$27.56	\$0.00	\$31.04
105476	Interactive Marker Board – SMART Board 6000 Or Equal Modifiers are not applicable to this item	SF	\$13.95	\$318.00	\$0.00	\$331.95
105477	Interactive Marker Board – SMART Board 7000 Or Equal Modifiers are not applicable to this item	SF	\$13.95	\$397.50	\$0.00	\$411.45
105478	[Modifier] Manual Sliding Panels Includes any number of panels	SF	\$0.00	\$5.30	\$0.00	\$5.30
105479	[Modifier] Motorized Sliding Panels Includes any number of panels	SF	\$0.00	\$15.90	\$0.00	\$15.90
105480	[Modifier] Magnetic	SF	\$0.00	\$3.71	\$0.00	\$3.71
10-11-23 Tackboards						
105481	Tackboard With Aluminum Frame Includes mounting hardware and accessory tray	SF	\$3.48	\$8.48	\$0.00	\$11.96
105482	Tackboard Wood Frame Includes mounting hardware and accessory tray	SF	\$3.48	\$10.61	\$0.00	\$14.09
105483	Tackable Surface – WALLTALKERS Or Equal Includes all adhesives, hardware, and trim pieces. Modifiers are not applicable to this line item	SF	\$3.48	\$9.54	\$0.00	\$13.02
105484	[Modifier] Manual Sliding Panels	SF	\$0.00	\$5.30	\$0.00	\$5.30
105485	[Modifier] Motorized Sliding Panels	SF	\$0.00	\$15.90	\$0.00	\$15.90
10-12-00 Display Cases						
<i>Includes all mounting hardware, adhesives, and wall backing, for a secure connection to structure</i>						
10-12-00 Display Cases						
<i>Includes all mounting hardware, adhesives, and wall backing, for a secure connection to structure</i>						
105486	Display Case Glass Unit Up To 4'-0" Height By 3'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$216.68	\$1,060.01	\$0.00	\$1,276.69
105487	Display Case Glass Unit Up To 5'-0" Height By 3'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$260.35	\$1,272.00	\$0.00	\$1,532.35
105488	Display Case Glass Unit Up To 6'-0" Height By 3'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$303.36	\$1,484.00	\$0.00	\$1,787.36

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		Units	Labor	Material	Equipment	Total
105489	Display Case Glass Unit Up To 4'-0" Height By 4'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$260.35	\$1,272.00	\$0.00	\$1,532.35
105490	Display Case Glass Unit Up To 4'-0" Height By 5'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$303.36	\$1,484.00	\$0.00	\$1,787.36
105491	Display Case Glass Unit Up To 4'-0" Height By 6'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$346.78	\$1,695.99	\$0.00	\$2,042.77
105492	Display Case Glass Unit Up To 5'-0" Height By 4'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$303.36	\$1,484.00	\$0.00	\$1,787.36
105493	Display Case Glass Unit Up To 6'-0" Height By 4'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$346.78	\$1,695.99	\$0.00	\$2,042.77
105494	Display Case Glass Unit Up To 5'-0" Height By 5'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$346.78	\$1,695.99	\$0.00	\$2,042.77
105495	Display Case Glass Unit Up To 6'-0" Height By 6'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$433.19	\$2,120.00	\$0.00	\$2,553.19
105496	Display Case Glass Unit Up To 5'-0" Height By 6'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$389.94	\$1,908.00	\$0.00	\$2,297.94
105497	Display Case Glass Unit Up To 6'-0" Height By 5'-0" Wide Includes metal and wood frame, seismic safety hardware	EA	\$389.94	\$1,908.00	\$0.00	\$2,297.94
105498	Display Wall Shelving Up To 6" Deep – Aluminum Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.54	\$21.20	\$0.00	\$27.74
105499	Display Wall Shelving Up To 1'-0" Deep – Aluminum Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.98	\$26.50	\$0.00	\$33.48
105500	Display Wall Shelving Up To 1'-6" Deep – Aluminum Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$7.48	\$31.80	\$0.00	\$39.28
105501	Display Wall Shelving Up To 6" Deep – Wood Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.54	\$24.38	\$0.00	\$30.92

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		Units	Labor	Material	Equipment	Total
105502	Display Wall Shelving Up To 1'-0" Deep – Wood Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.98	\$30.48	\$0.00	\$37.46
105503	Display Wall Shelving Up To 1'-6" Deep – Wood Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$7.48	\$36.57	\$0.00	\$44.05
105504	Display Wall Shelving Up To 6" Deep – Plastic Laminate Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.54	\$17.07	\$0.00	\$23.61
105505	Display Wall Shelving Up To 1'-0" Deep – Plastic Laminate Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.98	\$21.33	\$0.00	\$28.31
105506	Display Wall Shelving Up To 1'-6" Deep – Plastic Laminate Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$7.48	\$25.60	\$0.00	\$33.08
105507	Display Wall Shelving Up To 6" Deep – Stainless Steel Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.54	\$29.26	\$0.00	\$35.80
105508	Display Wall Shelving Up To 1'-0" Deep – Stainless Steel Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$6.98	\$36.57	\$0.00	\$43.55
105509	Display Wall Shelving Up To 1'-6" Deep – Stainless Steel Or Equal Includes all intermediate supports, mounting brackets, and mounting hardware	LF	\$7.48	\$43.88	\$0.00	\$51.36

10-13-00 Directories

Includes all mounting hardware and adhesives, and wall backing, for a secure connection to structure

10-13-00 Directories

Includes all mounting hardware and adhesives, and wall backing, for a secure connection to structure

105510	Directory Up To 16 SF Aluminum frame, hinged tempered glass front, for changeable message strips. Surface mounted.	EA	\$174.43	\$1,060.01	\$0.00	\$1,234.44
105511	Directory 17 SF To 22 SF Aluminum frame, hinged tempered glass front, for changeable message strips. Surface mounted.	EA	\$174.43	\$1,484.00	\$0.00	\$1,658.43

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		Units	Labor	Material	Equipment	Total
105512	Directory 23 SF To 28 SF Aluminum frame, hinged tempered glass front, for changeable message strips. Surface mounted.	EA	\$209.32	\$1,908.00	\$0.00	\$2,117.32
105513	Directory 29 SF To 34 SF Aluminum frame, hinged tempered glass front, for changeable message strips. Surface mounted.	EA	\$209.32	\$2,332.00	\$0.00	\$2,541.32
105514	Directory 35 SF To 40 SF Aluminum frame, hinged tempered glass front, for changeable message strips. Surface mounted.	EA	\$261.65	\$2,756.00	\$0.00	\$3,017.65
105515	[Modifier] Directory Illuminated Aluminum frame, hinged tempered glass front, for changeable message strips. Surface mounted.	EA	\$0.00	\$530.00	\$0.00	\$530.00

10-14-00 Signage

Includes all mounting hardware, adhesives, and wall backing, for a secure connection to structure

10-14-16 Plaques

For Interior and Exterior use. Includes all mounting hardware and adhesives

105516	Plaque Cast Metal Up To .5 SF (Wall Mounted Or Part Of Monumental Sign) Includes all metal makes of signage	EA	\$104.66	\$795.00	\$0.00	\$899.66
105517	Plaque Cast Metal .5 SF To 1.5 SF (Wall Mounted Or Part Of Monumental Sign) Includes all metal makes of signage. Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$104.66	\$1,007.00	\$0.00	\$1,111.66
105518	Plaque Cast Metal 1.5 SF To 3.5 SF (Wall Mounted Or Part Of Monumental Sign) Includes all metal makes of signage. Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$130.82	\$1,219.00	\$0.00	\$1,349.82
105519	Plaque Cast Metal 3.5 To 5 SF (Wall Mounted Or Part Of Monumental Sign) Includes all metal makes of signage. Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$130.82	\$1,431.00	\$0.00	\$1,561.82
105520	Plaque Cast Metal Greater Than 5 SF (Wall Mounted Or Part Of Monumental Sign) Includes all metal makes of signage. Provide posts for up to 8'-0" of clearance from bottom of sign.	SF	\$26.16	\$286.20	\$0.00	\$312.36

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		Units	Labor	Material	Equipment	Total
105521	Plaque Cast Metal Up To .5 SF (Post Mounted) Includes all metal makes of signage. Provide posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$130.82	\$874.50	\$0.00	\$1,005.32
105522	Plaque Cast Metal .5 SF To 1.5 SF (Post Mounted) Includes all metal makes of signage. Provide posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$130.82	\$1,107.71	\$0.00	\$1,238.53
105523	Plaque Cast Metal 1.5 SF To 3.5 SF (Post Mounted) Includes all metal makes of signage. Provide posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$174.43	\$1,340.90	\$0.00	\$1,515.33
105524	Plaque Cast Metal 3.5 To 5 SF (Post Mounted) Includes all metal makes of signage. Provide posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$174.43	\$1,574.09	\$0.00	\$1,748.52
105525	Plaque Cast Metal Greater Than 5 SF (Post Mounted) Includes all metal makes of signage. Provide posts up to provide 8'-0" of clearance from bottom of sign.	SF	\$34.89	\$314.82	\$0.00	\$349.71
105526	Plaque Plastic, Acrylic, PVC Up To .5 SF (Wall Mounted Or Part Of Monumental Sign)	EA	\$87.22	\$79.50	\$0.00	\$166.72
105527	Plaque Plastic, Acrylic, PVC .5 SF To 1.5 SF (Wall Mounted Or Part Of Monumental Sign)	EA	\$87.22	\$100.70	\$0.00	\$187.92
105528	Plaque Plastic, Acrylic, PVC 1.5 SF To 3.5 SF (Wall Mounted Or Part Of Monumental Sign)	EA	\$104.66	\$121.90	\$0.00	\$226.56
105529	Plaque Plastic, Acrylic, PVC 3.5 To 5 SF (Wall Mounted Or Part Of Monumental Sign)	EA	\$104.66	\$143.10	\$0.00	\$247.76
105530	Plaque Plastic, Acrylic, PVC Greater Than 5 SF (Wall Mounted Or Part Of Monumental Sign)	SF	\$20.93	\$28.62	\$0.00	\$49.55
105531	Plaque Plastic, Acrylic, PVC Up To .5 SF (Post Mounted) Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$104.66	\$87.45	\$0.00	\$192.11
105532	Plaque Plastic, Acrylic, PVC .5 SF To 1.5 SF (Post Mounted) Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$104.66	\$110.77	\$0.00	\$215.43
105533	Plaque Plastic, Acrylic, PVC 1.5 SF To 3.5 SF (Post Mounted) Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$130.82	\$134.09	\$0.00	\$264.91

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		Units	Labor	Material	Equipment	Total
105534	Plaque Plastic, Acrylic, PVC 3.5 To 5 SF (Post Mounted) Provide posts for up to 8'-0" of clearance from bottom of sign.	EA	\$130.82	\$157.41	\$0.00	\$288.23
105535	Plaque Plastic, Acrylic, PVC Greater Than 5 SF (Post Mounted) Provide posts for up to 8'-0" of clearance from bottom of sign.	SF	\$26.16	\$31.49	\$0.00	\$57.65
10-14-19 Dimensional Letter Signage						
<i>For Interior and Exterior use. Includes all mounting hardware and adhesives</i>						
105536	Per Character Plastic, Acrylic, PVC Up To 1'-0" In Height	EA	\$32.71	\$30.74	\$0.00	\$63.45
105537	Per Character Plastic, Acrylic, PVC Up To 1'-6" In Height	EA	\$32.71	\$57.24	\$0.00	\$89.95
105538	Per Character Plastic, Acrylic, PVC Up To 2'-0" In Height	EA	\$37.38	\$92.22	\$0.00	\$129.60
105539	Per Character Plastic, Acrylic, PVC Up To 2'-6" In Height	EA	\$37.38	\$148.40	\$0.00	\$185.78
105540	Per Character Plastic, Acrylic, PVC Up To 3'-0" In Height	EA	\$37.38	\$214.12	\$0.00	\$251.50
105541	Per Character Plastic, Acrylic, PVC Up To 3'-6" In Height	EA	\$43.61	\$308.46	\$0.00	\$352.07
105542	Per Character Plastic, Acrylic, PVC Up To 4'-0" In Height	EA	\$43.61	\$401.73	\$0.00	\$445.34
105543	Per Character Metal Up To 1'-0" In Height Includes all metal makes of signage	EA	\$32.71	\$106.00	\$0.00	\$138.71
105544	Per Character Metal Up To 1'-6" In Height Includes all metal makes of signage	EA	\$32.71	\$185.50	\$0.00	\$218.21
105545	Per Character Metal Up To 2'-0" In Height Includes all metal makes of signage	EA	\$37.38	\$265.00	\$0.00	\$302.38
105546	Per Character Metal Up To 2'-6" In Height Includes all metal makes of signage	EA	\$37.38	\$318.00	\$0.00	\$355.38
105547	Per Character Metal Up To 3'-0" In Height Includes all metal makes of signage	EA	\$37.38	\$424.00	\$0.00	\$461.38
105548	Per Character Metal Up To 3'-6" In Height Includes all metal makes of signage	EA	\$43.61	\$530.00	\$0.00	\$573.61
105549	Per Character Metal Up To 4'-0" In Height Includes all metal makes of signage	EA	\$43.61	\$636.00	\$0.00	\$679.61
105550	Per Character Plastic, Acrylic, PVC Up To 1'-0" In Height (Residential)	EA	\$29.07	\$15.37	\$0.00	\$44.44
105551	Per Character Plastic, Acrylic, PVC Up To 1'-6" In Height (Residential)	EA	\$29.07	\$28.62	\$0.00	\$57.69

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		Units	Labor	Material	Equipment	Total
105552	Per Character Plastic, Acrylic, PVC Up To 2'-0" In Height (Residential)	EA	\$32.71	\$46.11	\$0.00	\$78.82
105553	Per Character Metal Up To 1'-0" In Height (Residential) Includes all metal makes of signage	EA	\$29.07	\$53.00	\$0.00	\$82.07
105554	Per Character Metal Up To 1'-6" In Height (Residential) Includes all metal makes of signage	EA	\$29.07	\$92.75	\$0.00	\$121.82
105555	Per Character Metal Up To 2'-0" In Height (Residential) Includes all metal makes of signage	EA	\$32.71	\$132.51	\$0.00	\$165.22
10-14-23 Panel Signage						
<i>Includes all mounting hardware and adhesives</i>						
105556	Interior Wayfinding Signage – Plastic, Acrylic, PVC Up To .5 SF (Wall Mounted)	EA	\$58.14	\$67.58	\$0.00	\$125.72
105557	Interior Wayfinding Signage – Plastic, Acrylic, PVC .5 SF To 1.5 SF (Wall Mounted)	EA	\$58.14	\$85.60	\$0.00	\$143.74
105558	Interior Wayfinding Signage – Plastic, Acrylic, PVC 1.5 SF To 3.5 SF (Wall Mounted)	EA	\$65.41	\$103.62	\$0.00	\$169.03
105559	Interior Wayfinding Signage – Plastic, Acrylic, PVC 3.5 To 5 SF (Wall Mounted)	EA	\$65.41	\$121.63	\$0.00	\$187.04
105560	Interior Wayfinding Signage – Plastic, Acrylic, PVC Greater Than 5 SF (Wall Mounted)	SF	\$13.09	\$24.33	\$0.00	\$37.42
105561	Exterior Wayfinding Signage – Plastic, Acrylic, PVC Up To .5 SF (Wall Mounted)	EA	\$65.41	\$79.50	\$0.00	\$144.91
105562	Exterior Wayfinding Signage – Plastic, Acrylic, PVC .5 SF To 1.5 SF (Wall Mounted)	EA	\$65.41	\$100.70	\$0.00	\$166.11
105563	Exterior Wayfinding Signage – Plastic, Acrylic, PVC 1.5 SF To 3.5 SF (Wall Mounted)	EA	\$74.76	\$121.90	\$0.00	\$196.66
105564	Exterior Wayfinding Signage – Plastic, Acrylic, PVC 3.5 To 5 SF (Wall Mounted)	EA	\$74.76	\$143.10	\$0.00	\$217.86
105565	Exterior Wayfinding Signage – Plastic, Acrylic, PVC Greater Than 5 SF (Wall Mounted)	SF	\$14.95	\$28.62	\$0.00	\$43.57
105566	Exterior Wayfinding Signage – Plastic, Acrylic, PVC Up To .5 SF (Post Mounted) Posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$74.76	\$87.45	\$0.00	\$162.21
105567	Exterior Wayfinding Signage – Plastic, Acrylic, PVC .5 SF To 1.5 SF (Post Mounted) Posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$74.76	\$110.77	\$0.00	\$185.53

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		Units	Labor	Material	Equipment	Total
105568	Exterior Wayfinding Signage – Plastic, Acrylic, PVC 1.5 SF To 3.5 SF (Post Mounted) Posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$87.22	\$134.09	\$0.00	\$221.31
105569	Exterior Wayfinding Signage – Plastic, Acrylic, PVC 3.5 To 5 SF (Post Mounted) Posts up to provide 8'-0" of clearance from bottom of sign.	EA	\$87.22	\$157.41	\$0.00	\$244.63
105570	Exterior Wayfinding Signage – Plastic, Acrylic, PVC Greater Than 5 SF (Post Mounted) Posts up to provide 8'-0" of clearance from bottom of sign.	SF	\$17.45	\$31.49	\$0.00	\$48.94
105571	Code Required Signage – Plastic, Acrylic, PVC Up To .5 SF (Wall Mounted) For Interior and Exterior use	EA	\$32.71	\$57.44	\$0.00	\$90.15
105572	Code Required Signage – Plastic, Acrylic, PVC .5 SF To 1.5 SF (Wall Mounted) For Interior and Exterior use	EA	\$32.71	\$72.76	\$0.00	\$105.47
105573	Code Required Signage – Plastic, Acrylic, PVC 1.5 SF To 3.5 SF (Wall Mounted) For Interior and Exterior use	EA	\$34.89	\$88.07	\$0.00	\$122.96
105574	Code Required Signage – Plastic, Acrylic, PVC 3.5 To 5 SF (Wall Mounted) For Interior and Exterior use	EA	\$34.89	\$103.40	\$0.00	\$138.29
105575	Code Required Signage – Plastic, Acrylic, PVC Greater Than 5 SF (Wall Mounted) For Interior and Exterior use	SF	\$6.98	\$20.67	\$0.00	\$27.65
105576	Door Or Room Signage – Plastic, Acrylic, PVC For Interior and Exterior use	EA	\$32.71	\$47.70	\$0.00	\$80.41
105577	Door Or Room Signage – Aluminum For Interior and Exterior use	EA	\$32.71	\$58.30	\$0.00	\$91.01
105578	Door Or Room Signage – Stainless Steel For Interior and Exterior use	EA	\$32.71	\$74.20	\$0.00	\$106.91
105579	Door Or Room Signage – Stick on Vinyl For Interior and Exterior use	EA	\$32.71	\$10.61	\$0.00	\$43.32
10-14-43 Photoluminescent Signage						
105580	Exit Sign – Up To 1 SF Metal Frame and Thermoplastic Or Metal Face – 1 Side Exposed. Flush Mounted To Wall	EA	\$32.71	\$100.70	\$0.00	\$133.41
105581	Exit Sign – Up To 1 SF Metal Frame and Thermoplastic Or Metal Face – 2 Side Exposed. Includes Hanging Bracket. Wall Or Ceiling Mounted	EA	\$52.32	\$143.10	\$0.00	\$195.42
105582	Exiting Glow In The Dark Tape	LF	\$2.16	\$5.30	\$0.00	\$7.46
10-20-00 Interior Specialties						

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		Units	Labor	Material	Equipment	Total
10-21-00 Compartments and Cubicles						
10-21-13 Toilet Compartments						
<i>Pricing is per stall. Includes all Hardware. Pricing includes both floor or ceiling mounting and all fasteners, mounting brackets security screws and fasteners.</i>						
105583	Toilet Partition – Plastic Laminate Standard Stall Standard panel height up to 60"	EA	\$143.82	\$530.00	\$0.00	\$673.82
105584	[Modifier] Toilet Partition – Painted Enamel Steel In Lieu Of Plastic Laminate	EA	\$0.00	\$212.00	\$0.00	\$212.00
105585	[Modifier] Toilet Partition – Stainless Steel In Lieu Of Plastic Laminate	EA	\$0.00	\$530.00	\$0.00	\$530.00
105586	[Modifier] Toilet Partition – Phenolic In Lieu Of Plastic Laminate	EA	\$0.00	\$636.00	\$0.00	\$636.00
105587	[Modifier] Toilet Partition – Solid Reinforced Composite In Lieu Of Plastic Laminate	EA	\$0.00	\$689.00	\$0.00	\$689.00
105588	[Modifier] Toilet Partition – Privacy Hardware and 84" High Privacy Panels	EA	\$47.68	\$424.00	\$0.00	\$471.68
105589	[Modifier] Toilet Partition – ADA Sized Stall In Lieu Of Standard Size Stall	EA	\$21.67	\$132.51	\$0.00	\$154.18
105590	Urinal Screen – Panel Plastic Laminate	EA	\$81.87	\$742.01	\$0.00	\$823.88
105591	[Modifier] Urinal Screen – Painted Enamel Steel In Lieu Of Plastic Laminate	EA	\$0.00	\$53.00	\$0.00	\$53.00
105592	[Modifier] Urinal Screen – Stainless Steel In Lieu Of Plastic Laminate	EA	\$0.00	\$132.51	\$0.00	\$132.51
105593	[Modifier] Urinal Screen – Phenolic In Lieu Of Plastic Laminate	EA	\$0.00	\$159.01	\$0.00	\$159.01
105594	[Modifier] Urinal Screen – Solid Reinforced Composite In Lieu Of Plastic Laminate	EA	\$0.00	\$196.86	\$0.00	\$196.86
10-21-23 Cubicle Curtains and Track						
<i>Includes all hanging hardware, carriers, splices, in ceiling supports and hooks</i>						
105595	I.V. Track	LF	\$5.05	\$15.37	\$0.00	\$20.42
105596	Curtain Track	LF	\$4.30	\$15.90	\$0.00	\$20.20
105597	Cubicle Curtain	SF	\$0.33	\$4.11	\$0.00	\$4.44
105598	Laser Curtain Track	LF	\$5.05	\$15.37	\$0.00	\$20.42
105599	Laser Safety Curtain Based on Kentek Laser Safety Curtain Barrier or equal. Laser rated at 250 W/cm2 for 100 seconds or equal	SF	\$2.21	\$32.22	\$0.00	\$34.43
10-22-00 Partitions						
10-22-13 Wire Mesh Partitions						

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		Units	Labor	Material	Equipment	Total
105600	Wire Mesh Partition Pre-finished 10 ga wire mesh assembled panels with 14 gauge frame. Includes all assembly hardware and floor or wall mounting. Includes swing mesh door and cylindrical lock when in cage configuration.	SF	\$1.45	\$8.87	\$0.00	\$10.32

10-22-19 Demountable Partitions

Demountable Partitions have an STC rating of up to 55. Pricing is for a complete system and includes all doors, frames, tracks, hardware and mounting systems

105601	Solid Demountable Partitions – Wood Doors and Aluminum Frames DIRTT or equal	SF	\$8.72	\$36.05	\$0.00	\$44.77
105602	Solid Demountable Partitions – Glass Doors and Aluminum Frames DIRTT or equal	SF	\$8.72	\$39.48	\$0.00	\$48.20
105603	Partially Glazed Demountable Partitions – Wood Doors, Aluminum Frames, With Up To 3/8" Tempered Safety Glazing DIRTT or equal	SF	\$8.72	\$47.70	\$0.00	\$56.42
105604	Partially Glazed Demountable Partitions – Glass Doors, Aluminum Frames, With Up To 3/8" Tempered Safety Glazing DIRTT or equal	SF	\$8.72	\$51.41	\$0.00	\$60.13
105605	Fully Glazed Demountable Partition – Wood Doors, Aluminum Frames, With Up To 3/8" Tempered Safety Glazing DIRTT or equal	SF	\$8.72	\$58.30	\$0.00	\$67.02
105606	Fully Glazed Demountable Partition – Glass Doors, Aluminum Frames, With Up To 3/8" Tempered Safety Glazing DIRTT or equal	SF	\$8.72	\$63.60	\$0.00	\$72.32

10-22-33 Operable Partitions

Includes overhead hanging hardware and tracks with up to two pairs of pocket doors or equal

105607	Manual – Operable Partition – Single Panel Up to STC 45. Modernfold or equal	SF	\$14.95	\$28.90	\$0.00	\$43.85
105608	Manual – Operable Partition – Paired Panel Up to STC 45. Modernfold or equal	SF	\$14.95	\$33.83	\$0.00	\$48.78
105609	Motorized – Operable Partition Horizontal Opening – Economy Up to STC 50. Modernfold or equal	SF	\$17.45	\$46.64	\$0.00	\$64.09
105610	Motorized – Operable Partition Horizontal Opening – Standard Up to STC 55. Modernfold or equal	SF	\$17.45	\$58.30	\$0.00	\$75.75

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		Units	Labor	Material	Equipment	Total
105611	Motorized – Operable Partition Horizontal Opening – Premium Up to STC 60 with premium finishes. Modernfold or equal	SF	\$17.45	\$93.28	\$0.00	\$110.73
105612	Motorized – Operable Partition Vertical Opening – Economy Up to STC 50. Skyfold or equal	SF	\$20.93	\$280.91	\$0.00	\$301.84
105613	Motorized – Operable Partition Vertical Opening – Standard Up to STC 55. Skyfold or equal	SF	\$20.93	\$307.40	\$0.00	\$328.33
105614	Motorized – Operable Partition Vertical Opening – Premium Up to STC 60 with premium finishes. Skyfold or equal	SF	\$20.93	\$365.70	\$0.00	\$386.63
105615	Motorized – Fire Rated Operable Partition Won-Door or equal	SF	\$17.45	\$132.51	\$0.00	\$149.96
105616	[Modifier] – Glass Panels in Folding Partitions Applies only to the square footage of glazing	SF	\$0.00	\$53.00	\$0.00	\$53.00

10-25-00 Service Walls

10-25-13 Patient Bed Service Walls

*All Premanufactured - combination of thermoplastic, metal and wood materials. Includes all fasteners and attaching to supports.
Includes hooking up to provided Plumbing-Medical Gas and Electrical services.*

105617	Patient Room Headwall – Rail System Single Tier / Rail headwall. Length up to 8'. Vertical Height up to 18". Both Horizontal and Vertical applications. Provisions for 4 to 8 Gas Outlets, 3 to 5 Electrical Outlets, 4 to 6 data ports, 1 telephone, 2-4 Vacuum. Amico Majestic series or equal	EA	\$348.86	\$2,650.00	\$0.00	\$2,998.86
105618	Patient Room Headwall – Panel Type-Mid Sized Panel System. Length up to 8'. Vertical Height up to 8'. Provisions for 4 to 8 Gas Outlets, 6 to 10 Electrical Outlets, 4 to 6 data ports, 1 telephone, 2-4 Vacuum, 37 PIN Connector, 2 Monitor Channels & 2-4 Horizontal Channel. Amico Serenity Series or equal	EA	\$523.30	\$9,009.99	\$0.00	\$9,533.29
105619	Patient Room Headwall – Panel Type-Large Sized Panel System. Length up to 18'. Vertical Height up to 9'. Provisions for 10 to 16 Gas Outlets, 11 to 30 Electrical Outlets, 10 to 12 data ports, 1 telephone, 6-8 Vacuum, 2-37 PIN Connector, 2 Monitor Channels & 8-12 Horizontal Channel. 2 Dialysis Cut-Outs. Amico Serenity Series or equal	EA	\$697.74	\$12,720.00	\$0.00	\$13,417.74

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		Units	Labor	Material	Equipment	Total
105620	Patient Room Headwall – Neo-Natal Typical NICU use.	EA	\$697.74	\$13,780.00	\$0.00	\$14,477.74
105621	Patient Room Headwall – Full Wall System with integral Millwork Grade 2 Thermofoil finish or equal, with up to one integral cabinet and solid surface desk. DIRTT or equal	SF	\$40.63	\$280.91	\$0.00	\$321.54
105622	Patient Room Footwall – Full Wall System with integral Millwork Grade 2 Thermofoil finish or equal, with up to one integral cabinet and solid surface desk. DIRTT or equal	SF	\$18.57	\$132.51	\$0.00	\$151.08
105623	[Modifier] Radial, Telescoping Equipment Boom Arm to Headwall	EA	\$433.55	\$2,650.00	\$0.00	\$3,083.55

10-26-00 Wall and Door Protection

10-26-13 Corner Guards

Includes all mounting hardware, fasteners and adhesives

105624	Corner Guard – Full Height PVC / Plastic Surface mounted	EA	\$52.32	\$63.60	\$0.00	\$115.92
105625	Corner Guard – Half Height PVC / Plastic Surface mounted	EA	\$43.61	\$50.88	\$0.00	\$94.49
105626	Corner Guard – Full Height Acrovyn Or Equal Surface mounted	EA	\$52.32	\$79.50	\$0.00	\$131.82
105627	Corner Guard – Half Height Acrovyn Or Equal Surface mounted	EA	\$43.61	\$63.60	\$0.00	\$107.21
105628	Corner Guard – Full Height Stainless Steel Surface mounted	EA	\$52.32	\$95.40	\$0.00	\$147.72
105629	Corner Guard – Half Height Stainless Steel Surface mounted	EA	\$43.61	\$76.32	\$0.00	\$119.93
105630	[Modifier] Recessed Corner Guard	EA	\$26.16	\$0.00	\$0.00	\$26.16
105631	[Modifier] Fire Rated Corner Guard	EA	\$0.00	\$53.00	\$0.00	\$53.00

10-26-16 Bumper Guards

Includes all mounting hardware, fasteners and adhesives

105632	Handrail – Wood and Stainless Steel Acrovyn series number HRWS-6C or equal	LF	\$6.54	\$47.70	\$0.00	\$54.24
105633	Handrail – Wood Acrovyn series number HRW-10C or equal	LF	\$6.54	\$58.30	\$0.00	\$64.84
105634	Handrail – Rigid Plastic Acrovyn series number HRB-10CN or equal	LF	\$6.54	\$26.50	\$0.00	\$33.04

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		Units	Labor	Material	Equipment	Total
105635	Crash Rail – Wood and Stainless Steel Acrovyn series number CRWS-1 or equal	LF	\$6.54	\$47.70	\$0.00	\$54.24
105636	Crash Rail – Wood Acrovyn series FRW-451 or equal	LF	\$6.54	\$42.40	\$0.00	\$48.94
105637	Crash Rail – Rigid Plastic Up To 6" High Acrovyn series SCR-48N or equal	LF	\$6.54	\$10.76	\$0.00	\$17.30
105638	Crash Rail – Rigid Plastic Up To 4" High Acrovyn series SCR-40N or equal	LF	\$6.54	\$7.58	\$0.00	\$14.12
105639	Crash Rail – Rigid Plastic Up To 1-1/8" High Acrovyn series FR-125N or equal	LF	\$6.54	\$4.51	\$0.00	\$11.05
105640	[Modifier] Quantity Premium - Bumper Guards (< 30 LF) Quantity premium can be used when total square footage in section 10-26-16 Bumper Guards are within stated quantities. Can be applied cumulatively to base line items.	LF	\$17.45	\$0.00	\$0.00	\$17.45
10-26-23 Protective Wall Covering						
105641	Impact Resistant Wall Panel Up To .040 Thick Acrovyn or equal	SF	\$2.77	\$3.04	\$0.00	\$5.81
105642	Fiber Reinforced Laminate Panels Up To .075 Thick	SF	\$2.77	\$8.74	\$0.00	\$11.51
105643	Solid Surface Wall Panel Up To .5" Thick	SF	\$5.54	\$19.61	\$0.00	\$25.15
105644	[Modifier] Quantity Premium - Protective Wall Covering (51-100 SF) Quantity premium can be used when total square footage in section 10-26-23 Protective Wall Covering are within stated quantities. Can be applied cumulatively to base line items.	SF	\$5.23	\$0.00	\$0.00	\$5.23
105645	[Modifier] Quantity Premium - Protective Wall Covering (< Or = To 50 SF) Quantity premium can be used when total square footage in section 08-91-19 Fixed Louvers are within stated quantities. Can be applied cumulatively to base line items.	SF	\$10.46	\$0.00	\$0.00	\$10.46
10-26-41 Ballistics Resistant Panels						
105646	Bullet Resistance Fiberglass Panel - Level 1; 1/4" thk., 9 mm, 3 shot test	SF	\$2.43	\$13.71	\$0.00	\$16.14
105647	Ballistic Resistant Panel - Level 2; 5/16" thk., .357 mag, 3 shot test	SF	\$2.43	\$18.66	\$0.00	\$21.09

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		Units	Labor	Material	Equipment	Total
105648	Ballistic Resistant Fiberglass Panels - Level 3; 7/16", .44 mag, 3 shot test	SF	\$2.43	\$22.38	\$0.00	\$24.81
105649	Ballistic Resistant Fiberglass Panel - Level 4; 1 3/8" thk., .30 cal, 1 shot test	SF	\$2.43	\$65.29	\$0.00	\$67.72
105650	Ballistic Resistant Fiberglass Panel - Level 5; 1 7/16" thk., 7.62 mm, 1 shot test	SF	\$2.43	\$70.87	\$0.00	\$73.30
105651	Ballistic Resistant Fiberglass Panel - Level 6; 3/8" thk., 9 mm, 5 shot test	SF	\$2.43	\$21.45	\$0.00	\$23.88
105652	Ballistic Resistant Fiberglass Panel - Level 7; 1 1/8' thk., 5.56 mm, 5 shot test	SF	\$2.43	\$57.82	\$0.00	\$60.25
105653	Ballistic Resistant Fiberglass Panel - Level 8; 1 7/16" thk., 7.62 mm, 5 shot test	SF	\$2.43	\$72.74	\$0.00	\$75.17

10-28-00 Toilet, Bath, and Laundry Accessories

10-28-13 Toilet Accessories

Bobrick stainless steel commercial grade or equal, unless noted otherwise. Includes all mounting hardware and wall backing as required.

105654	T.P. Dispenser-Single Roll	EA	\$32.71	\$42.40	\$0.00	\$75.11
105655	T.P. Dispenser-Multi Roll	EA	\$32.71	\$84.79	\$0.00	\$117.50
105656	T.P. Dispenser – Behavioral Health	EA	\$32.71	\$63.60	\$0.00	\$96.31
105657	P.T. Dispenser-Surface Mounted	EA	\$32.71	\$90.10	\$0.00	\$122.81
105658	P.T. Dispenser / Disposal-Recessed	EA	\$104.66	\$318.00	\$0.00	\$422.66
105659	P.T. Shelf – Behavioral Health	EA	\$32.71	\$121.90	\$0.00	\$154.61
105660	Toilet Seat Cover Dispenser	EA	\$32.71	\$74.20	\$0.00	\$106.91
105661	Baby Changing Station – Plastic Koala or equal	EA	\$87.22	\$773.80	\$0.00	\$861.02
105662	Baby Changing Station – Stainless Steel With Up To 500 Liners Koala or equal	EA	\$104.66	\$1,450.57	\$0.00	\$1,555.23
105663	Adult Changing Station – Stainless Steel, Vertical Lift 12" - 41" Koala Kare KB3000-AHL or equal. Does not include electrical connections	EA	\$2,228.31	\$11,525.17	\$0.00	\$13,753.48
105664	Soap Dispenser	EA	\$32.71	\$26.50	\$0.00	\$59.21
105665	Soap Dispenser – Behavioral Health	EA	\$32.71	\$42.40	\$0.00	\$75.11
105666	Surface Mount Combination Toilet Dispenser Unit Includes Double-Roll Toilet Tissue Dispenser, Sanitary Napkin Waste Receptacle and Seat Cover Dispenser	EA	\$32.71	\$616.81	\$0.00	\$649.52
105667	Recessed Mount Combination Toilet Dispenser Unit Includes Double-Roll Toilet Tissue Dispenser, Sanitary Napkin Waste Receptacle and Seat Cover Dispenser	EA	\$104.66	\$506.82	\$0.00	\$611.48
105668	Grab Bar-Handicapped	SET	\$87.22	\$159.01	\$0.00	\$246.23

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		Units	Labor	Material	Equipment	Total
105669	Grab Bar-Handicapped – Behavioral Health	SET	\$87.22	\$270.30	\$0.00	\$357.52
105670	Feminine Napkin Disposal	EA	\$32.71	\$68.90	\$0.00	\$101.61
105671	Diaper Pail Similar or equal to Diaper Genie Complete	EA	\$29.44	\$101.09	\$0.00	\$130.53
105672	Janitor Shelf	EA	\$32.71	\$100.70	\$0.00	\$133.41
105673	Mop Hopper	EA	\$32.71	\$177.55	\$0.00	\$210.26
105674	Coat / Robe Hook	EA	\$17.45	\$31.80	\$0.00	\$49.25
105675	Towel Bar (Single)	EA	\$32.71	\$58.30	\$0.00	\$91.01
105676	Towel Bar (Double)	EA	\$32.71	\$31.80	\$0.00	\$64.51
105677	Towel Ring	EA	\$32.71	\$31.80	\$0.00	\$64.51
105678	Towel Rack	EA	\$32.71	\$127.20	\$0.00	\$159.91
105679	Electric Hand Dryer – Polycarbonate Dyson Airblade or equal. Up to 12 seconds hand drying time	EA	\$130.82	\$1,060.01	\$0.00	\$1,190.83
105680	Electric Hand Dryer – Stainless Steel Up to 15 seconds hand drying time	EA	\$130.82	\$795.00	\$0.00	\$925.82
105681	Toilet Paper Holder – Residential	EA	\$32.71	\$37.09	\$0.00	\$69.80
105682	Towel Bar – Residential Single	EA	\$32.71	\$26.50	\$0.00	\$59.21
105683	Towel Bar – Residential Double	EA	\$32.71	\$53.00	\$0.00	\$85.71
105684	Towel Ring – Residential	EA	\$32.71	\$26.50	\$0.00	\$59.21
105685	Towel Rack – Residential	EA	\$32.71	\$106.00	\$0.00	\$138.71
105686	Coat / Robe Hook – Residential	EA	\$17.45	\$27.03	\$0.00	\$44.48
105687	Medicine Cabinet – Residential Up To 24" Wide Frameless Glass	EA	\$87.22	\$196.10	\$0.00	\$283.32
105688	Medicine Cabinet – Residential Up To 24" Plastic Laminate Framed Glass	EA	\$87.22	\$84.79	\$0.00	\$172.01
105689	Medicine Cabinet – Residential Up To 24" Wood Framed Glass	EA	\$87.22	\$132.51	\$0.00	\$219.73
105690	Medicine Cabinet – Residential Up To 24" Plastic Laminate With integral shelf or equal	EA	\$87.22	\$95.40	\$0.00	\$182.62
105691	Medicine Cabinet – Residential Up To 24" Wood With integral shelf or equal	EA	\$87.22	\$159.01	\$0.00	\$246.23
10-28-16 Bath Accessories						
105692	ADA Threshold To Shower Collapsible. Up To 6'0" Wide	EA	\$149.51	\$344.50	\$0.00	\$494.01
105693	Folding Shower Seat	EA	\$87.22	\$260.00	\$0.00	\$347.22
105694	Grab Bar-Handicapped – Shower	SET	\$87.22	\$190.80	\$0.00	\$278.02
105695	Shower Rod	EA	\$32.71	\$33.64	\$0.00	\$66.35
105696	Shower Rod- ADA	EA	\$32.71	\$47.10	\$0.00	\$79.81
105697	Shower Curtain	EA	\$14.95	\$18.44	\$0.00	\$33.39
10-30-00 Fireplaces and Stoves						
10-31-00 Manufactured Fireplaces						
10-31-00 Manufactured Fireplaces						
105698	Gas Fireplace Inserts – Economy Up to 3'-6" wide by 2'-0" Tall. Includes glass doors, blower, and gas line hookup	EA	\$1,421.64	\$2,607.60	\$0.00	\$4,029.24

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		Units	Labor	Material	Equipment	Total
105699	Gas Fireplace Inserts – Standard Up to 5'-6" wide by 3'-0" Tall. Includes glass doors, blower, and gas line hookup	EA	\$1,991.14	\$3,650.64	\$0.00	\$5,641.78
105700	Gas Fireplace Inserts – Premium Up to 5'-6" wide by 3'-0" Tall and viewable from both sides. Includes glass doors, blower, and gas line hookup	EA	\$2,986.83	\$5,475.96	\$0.00	\$8,462.79
105701	[Modifier] Fireplace Glass Cooling Package Automated system for keeping glass safe to the touch	EA	\$0.00	\$901.00	\$0.00	\$901.00
10-40-00 Safety Specialties						
10-41-00 Emergency Access and Information Cabinets						
10-41-16 Emergency Key Cabinets						
105702	KNOX Box – 3200 or Equal Surface or Recessed Mounted - Includes Tamper Switch	EA	\$117.77	\$720.79	\$0.00	\$838.56
105703	KNOX Box – 4200 or Equal Surface or Recessed Mounted - Includes Tamper Switch	EA	\$117.77	\$1,060.01	\$0.00	\$1,177.78
10-44-00 Fire Protection Specialties						
10-44-16 Fire Extinguishers						
105704	Fire Extinguisher Up To 5 Lb Dry Chemical Class ABC Fire Extinguisher or equal	EA	\$0.00	\$53.00	\$0.00	\$53.00
105705	Fire Extinguisher Up To 10 Lb Dry Chemical Class ABC Fire Extinguisher or equal	EA	\$0.00	\$106.00	\$0.00	\$106.00
105706	Fire Extinguisher Up To 15 Lb Dry Chemical Class ABC Fire Extinguisher or equal	EA	\$0.00	\$159.01	\$0.00	\$159.01
105707	Fire Extinguisher Up To 20 Lb Dry Chemical Class ABC Fire Extinguisher or equal	EA	\$0.00	\$212.00	\$0.00	\$212.00
10-50-00 Storage Specialties						
10-51-00 Lockers						
10-51-13 Metal Lockers						
<i>Includes all hardware, mounting brackets and secure connection to structure</i>						
105708	Metal Lockers – 1 Tier Up To 12"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$238.50	\$0.00	\$273.39
105709	Metal Lockers – 2 Tier Up To 12"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$259.70	\$0.00	\$294.59
105710	Metal Lockers – 3 Tier Up To 12"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$280.91	\$0.00	\$315.80
105711	Metal Lockers – 4 Tier Up To 12"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$302.10	\$0.00	\$336.99

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		Units	Labor	Material	Equipment	Total
105712	Metal Lockers – 1 Tier Up To 15"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$250.43	\$0.00	\$285.32
105713	Metal Lockers – 2 Tier Up To 15"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$272.69	\$0.00	\$307.58
105714	Metal Lockers – 3 Tier Up To 15"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$294.95	\$0.00	\$329.84
105715	Metal Lockers – 4 Tier Up To 15"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$317.21	\$0.00	\$352.10
105716	Metal Lockers – 1 Tier Up To 18"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$262.35	\$0.00	\$297.24
105717	Metal Lockers – 2 Tier Up To 18"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$285.67	\$0.00	\$320.56
105718	Metal Lockers – 3 Tier Up To 18"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$308.99	\$0.00	\$343.88
105719	Metal Lockers – 4 Tier Up To 18"x18"x72" Fully welded enamel steel, vented	EA	\$34.89	\$332.31	\$0.00	\$367.20
105720	[Modifier] Locker – Locking Mechanism (Key Or Combination) Either Key or Combination	EA	\$0.00	\$47.70	\$0.00	\$47.70
105721	[Modifier] Locker – Locking Mechanism (Battery Operated Digital Lock) Battery Operated Digital Lock	EA	\$0.00	\$127.20	\$0.00	\$127.20
105722	[Modifier] Sloping Metal Top	EA	\$0.00	\$47.70	\$0.00	\$47.70
105723	Electrostatic Paint Locker and New Hardware	EA	\$26.34	\$106.00	\$0.00	\$132.34
10-51-16 Wood Lockers						
<i>Includes all hardware, mounting brackets and secure connection to structure</i>						
105724	Wood Lockers – 1 Tier Up To 16"x18"x72" Fully finished oak construction	EA	\$34.89	\$396.19	\$0.00	\$431.08
105725	Wood Lockers – 2 Tier Up To 16"x18"x72" Fully finished oak construction	EA	\$34.89	\$431.40	\$0.00	\$466.29
105726	Wood Lockers – 3 Tier Up To 16"x18"x72" Fully finished oak construction	EA	\$34.89	\$466.62	\$0.00	\$501.51
105727	Wood Lockers – 4 Tier Up To 16"x18"x72" Fully finished oak construction	EA	\$34.89	\$501.84	\$0.00	\$536.73

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		Units	Labor	Material	Equipment	Total
105728	Wood Lockers – 1 Tier Up To 18"x18"x72" Fully finished oak construction	EA	\$43.61	\$416.00	\$0.00	\$459.61
105729	Wood Lockers – 2 Tier Up To 18"x18"x72" Fully finished oak construction	EA	\$43.61	\$452.98	\$0.00	\$496.59
105730	Wood Lockers – 3 Tier Up To 18"x18"x72" Fully finished oak construction	EA	\$43.61	\$489.95	\$0.00	\$533.56
105731	Wood Lockers – 4 Tier Up To 18"x18"x72" Fully finished oak construction	EA	\$43.61	\$526.94	\$0.00	\$570.55
105732	Wood Lockers – 1 Tier Up To 21"x21"x72" Fully finished oak construction	EA	\$65.41	\$504.32	\$0.00	\$569.73
105733	Wood Lockers – 2 Tier Up To 21"x21"x72" Fully finished oak construction	EA	\$65.41	\$549.15	\$0.00	\$614.56
105734	Wood Lockers – 3 Tier Up To 21"x21"x72" Fully finished oak construction	EA	\$65.41	\$593.98	\$0.00	\$659.39
105735	Wood Lockers – 4 Tier Up To 21"x21"x72" Fully finished oak construction	EA	\$65.41	\$638.80	\$0.00	\$704.21
105736	Wood Lockers – 1 Tier Up To 24"x24"x72" Fully finished oak construction	EA	\$65.41	\$554.75	\$0.00	\$620.16
105737	Wood Lockers – 2 Tier Up To 24"x24"x72" Fully finished oak construction	EA	\$65.41	\$604.06	\$0.00	\$669.47
105738	Wood Lockers – 3 Tier Up To 24"x24"x72" Fully finished oak construction	EA	\$65.41	\$653.38	\$0.00	\$718.79
105739	Wood Lockers – 4 Tier Up To 24"x24"x72" Fully finished oak construction	EA	\$65.41	\$702.69	\$0.00	\$768.10
105740	[Modifier] Locker – Locking Mechanism (Key Or Combination) Either Key or Combination	EA	\$0.00	\$47.70	\$0.00	\$47.70
105741	[Modifier] Locker – Locking Mechanism (Battery Operated Digital Lock) Battery Operated Digital Lock	EA	\$0.00	\$127.20	\$0.00	\$127.20
105742	[Modifier] Sloping Wood Top Fully finished oak construction	EA	\$0.00	\$116.60	\$0.00	\$116.60
10-51-23 Plastic-Laminate-Clad Lockers						
<i>Includes all hardware, mounting brackets and secure connection to structure</i>						
105743	Plastic Laminate Clad Lockers – 1 Tier Up To 12"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$274.28	\$0.00	\$309.17
105744	Plastic Laminate Clad Lockers – 2 Tier Up To 12"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$298.66	\$0.00	\$333.55

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		Units	Labor	Material	Equipment	Total
105745	Plastic Laminate Clad Lockers – 3 Tier Up To 12"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$323.04	\$0.00	\$357.93
105746	Plastic Laminate Clad Lockers – 4 Tier Up To 12"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$347.42	\$0.00	\$382.31
105747	Plastic Laminate Clad Lockers – 1 Tier Up To 15"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$287.99	\$0.00	\$322.88
105748	Plastic Laminate Clad Lockers – 2 Tier Up To 15"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$313.59	\$0.00	\$348.48
105749	Plastic Laminate Clad Lockers – 3 Tier Up To 15"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$339.19	\$0.00	\$374.08
105750	Plastic Laminate Clad Lockers – 4 Tier Up To 15"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$364.79	\$0.00	\$399.68
105751	Plastic Laminate Clad Lockers – 1 Tier Up To 18"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$301.70	\$0.00	\$336.59
105752	Plastic Laminate Clad Lockers – 2 Tier Up To 18"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$328.52	\$0.00	\$363.41
105753	Plastic Laminate Clad Lockers – 3 Tier Up To 18"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$355.34	\$0.00	\$390.23
105754	Plastic Laminate Clad Lockers – 4 Tier Up To 18"x18"x72" Particleboard construction with high pressure laminate cladding	EA	\$34.89	\$382.16	\$0.00	\$417.05
105755	[Modifier] Locker – Locking Mechanism (Key Or Combination) Either Key or Combination	EA	\$0.00	\$47.70	\$0.00	\$47.70
105756	[Modifier] Locker – Locking Mechanism (Battery Operated Digital Lock) Battery Operated Digital Lock	EA	\$0.00	\$127.20	\$0.00	\$127.20
105757	[Modifier] Sloping Plastic Laminate Clad Top Particleboard construction with high pressure laminate cladding	EA	\$0.00	\$54.86	\$0.00	\$54.86
10-51-26 Plastic Lockers						
<i>Includes all hardware, mounting brackets and secure connection to structure</i>						
105758	Plastic Lockers – 1 Tier Up To 12"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$287.99	\$0.00	\$322.88

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		Units	Labor	Material	Equipment	Total
105759	Plastic Lockers – 2 Tier Up To 12"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$313.59	\$0.00	\$348.48
105760	Plastic Lockers – 3 Tier Up To 12"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$339.19	\$0.00	\$374.08
105761	Plastic Lockers – 4 Tier Up To 12"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$364.79	\$0.00	\$399.68
105762	Plastic Lockers – 1 Tier Up To 15"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$302.39	\$0.00	\$337.28
105763	Plastic Lockers – 2 Tier Up To 15"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$329.26	\$0.00	\$364.15
105764	Plastic Lockers – 3 Tier Up To 15"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$356.14	\$0.00	\$391.03
105765	Plastic Lockers – 4 Tier Up To 15"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$383.02	\$0.00	\$417.91
105766	Plastic Lockers – 1 Tier Up To 18"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$316.79	\$0.00	\$351.68
105767	Plastic Lockers – 2 Tier Up To 18"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$344.95	\$0.00	\$379.84
105768	Plastic Lockers – 3 Tier Up To 18"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$373.10	\$0.00	\$407.99
105769	Plastic Lockers – 4 Tier Up To 18"x18"x72" High grade ABS plastic construction	EA	\$34.89	\$401.27	\$0.00	\$436.16
105770	[Modifier] Locker – Locking Mechanism (Key Or Combination) Either Key or Combination	EA	\$0.00	\$47.70	\$0.00	\$47.70
105771	[Modifier] Locker – Locking Mechanism (Battery Operated Digital Lock) Battery Operated Digital Lock	EA	\$0.00	\$127.20	\$0.00	\$127.20
105772	[Modifier] Sloping Plastic Top High grade phenolic construction	EA	\$0.00	\$57.60	\$0.00	\$57.60
10-51-29 Phenolic Lockers						
<i>Includes all hardware, mounting brackets and secure connection to structure</i>						
105773	Phenolic Lockers – 1 Tier Up To 12"x18"x72" High grade phenolic construction	EA	\$34.89	\$519.82	\$0.00	\$554.71

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		Units	Labor	Material	Equipment	Total
105774	Phenolic Lockers – 2 Tier Up To 12"x18"x72" High grade phenolic construction	EA	\$34.89	\$566.03	\$0.00	\$600.92
105775	Phenolic Lockers – 3 Tier Up To 12"x18"x72" High grade phenolic construction	EA	\$34.89	\$612.23	\$0.00	\$647.12
105776	Phenolic Lockers – 4 Tier Up To 12"x18"x72" High grade phenolic construction	EA	\$34.89	\$658.44	\$0.00	\$693.33
105777	Phenolic Lockers – 1 Tier Up To 15"x18"x72" High grade phenolic construction	EA	\$34.89	\$545.81	\$0.00	\$580.70
105778	Phenolic Lockers – 2 Tier Up To 15"x18"x72" High grade phenolic construction	EA	\$34.89	\$594.32	\$0.00	\$629.21
105779	Phenolic Lockers – 3 Tier Up To 15"x18"x72" High grade phenolic construction	EA	\$34.89	\$642.84	\$0.00	\$677.73
105780	Phenolic Lockers – 4 Tier Up To 15"x18"x72" High grade phenolic construction	EA	\$34.89	\$691.36	\$0.00	\$726.25
105781	Phenolic Lockers – 1 Tier Up To 18"x18"x72" High grade phenolic construction	EA	\$34.89	\$571.80	\$0.00	\$606.69
105782	Phenolic Lockers – 2 Tier Up To 18"x18"x72" High grade phenolic construction	EA	\$34.89	\$622.63	\$0.00	\$657.52
105783	Phenolic Lockers – 3 Tier Up To 18"x18"x72" High grade phenolic construction	EA	\$34.89	\$673.45	\$0.00	\$708.34
105784	Phenolic Lockers – 4 Tier Up To 18"x18"x72" High grade phenolic construction	EA	\$34.89	\$724.28	\$0.00	\$759.17
105785	[Modifier] Locker – Locking Mechanism (Key Or Combination) Either Key or Combination	EA	\$0.00	\$47.70	\$0.00	\$47.70
105786	[Modifier] Locker – Locking Mechanism (Battery Operated Digital Lock) Battery Operated Digital Lock	EA	\$0.00	\$127.20	\$0.00	\$127.20
105787	[Modifier] Sloping Phenolic Top High grade phenolic construction	EA	\$0.00	\$103.97	\$0.00	\$103.97

10-55-00 Postal Specialties

Includes all hardware, mounting brackets and secure connection to structure

10-55-00 Postal Specialties

Includes all hardware, mounting brackets and secure connection to structure

105788	Pigeon Hole Mailbox Letter Sized	HOLE	\$20.93	\$26.50	\$0.00	\$47.43
105789	USPS Mailbox Systems Hinged Door with keyed parcel locker	HOLE	\$26.16	\$59.02	\$0.00	\$85.18
105790	Wall Mounted Postal Box – Residential- Single Unit Metal -All types, with standard finishes, includes locking mechanisms	EA	\$32.71	\$227.90	\$0.00	\$260.61

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		Units	Labor	Material	Equipment	Total
105791	Post and Postal Box Free Standing- Residential Metal -All types, with standard finishes, includes locking mechanisms. Post both metal and wood. Includes post hole and all hardware, mounting brackets and secure connection to post.	EA	\$130.82	\$265.00	\$0.00	\$395.82
10-56-00 Storage Assemblies						
10-56-13 Metal And Wood Storage Shelving						
<i>Includes all hardware, mounting brackets and secure connection to structure</i>						
105792	Metal Wire Storage Shelving Up To 24" Deep x 72" High – Standard Epoxy powder coating	LF	\$14.95	\$53.00	\$0.00	\$67.95
105793	Metal Wire Storage Shelving Up To 24" Deep x 72" High – Kitchen / Health Care Grade Anti-microbial epoxy powder coating	LF	\$14.95	\$74.20	\$0.00	\$89.15
105794	Metal Wire Storage Shelving Up To 24" Deep x 72" High – Kitchen / Health Care Grade Stainless Steel	LF	\$14.95	\$159.01	\$0.00	\$173.96
105795	Metal Wire Wall Storage Shelving Up To 24" Deep With Standards – Standard Epoxy powder coating	LF	\$13.09	\$23.86	\$0.00	\$36.95
105796	Metal Wire Wall Storage Shelving Up To 24" Deep With Standards – Kitchen / Health Care Grade Anti-microbial epoxy powder coating	LF	\$13.09	\$33.39	\$0.00	\$46.48
105797	Metal Wire Wall Storage Shelving Up To 24" Deep With Standards – Kitchen / Health Care Grade Stainless Steel	LF	\$13.09	\$71.56	\$0.00	\$84.65
105798	Metal Closet Rod and Shelf – Epoxy Powder Coating	LF	\$14.95	\$31.80	\$0.00	\$46.75
105799	Metal Closet Rod and Shelf – Stainless Steel	LF	\$14.95	\$58.30	\$0.00	\$73.25
105800	Wood Storage Shelving Up To 24" Deep X 72" High – Fully Finished Softwood Construction	LF	\$14.95	\$60.95	\$0.00	\$75.90
105801	Wood Wall Storage Shelving Up To 24" Deep With Standards – Fully Finished Softwood Construction	LF	\$13.09	\$27.43	\$0.00	\$40.52
105802	Wood Storage Shelving Up To 24" Deep X 72" High – Fully Finished Hardwood Construction	LF	\$14.95	\$76.19	\$0.00	\$91.14
105803	Wood Wall Storage Shelving Up To 24" Deep With Standards – Fully Finished Hardwood Construction	LF	\$13.09	\$34.29	\$0.00	\$47.38
105804	Wood Closet Rod and Shelf – Fully Finished Softwood Construction	LF	\$14.95	\$36.57	\$0.00	\$51.52

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		Units	Labor	Material	Equipment	Total
105805	Wood Closet Rod and Shelf – Fully Finished Hardwood Construction	LF	\$14.95	\$45.71	\$0.00	\$60.66
105806	[Modifier] Quantity Premium - Metal And Wood Storage Shelving (< Or = To 20 LF) Quantity premium can be used when total linear footage in section 10-56-13 Metal And Wood Storage Shelving are within stated quantities. Can be applied cumulatively to base line items.	LF	\$26.16	\$0.00	\$0.00	\$26.16
10-56-26 Mobile Storage Shelving						
105807	High Density File Storage System (Single Faced) Manual Assist Each single faced shelving unit is 9" deep and 7 shelves high. Metal shelves with wood end panels and manual assist turning handles on both ends	LF	\$47.58	\$275.85	\$0.00	\$323.43
105808	High Density File Storage System (Double Faced) Manual Assist Each double faced shelving unit is 1.5' deep and 7 shelves high. Metal shelves with wood end panels and manual assist turning handles on both ends	LF	\$37.38	\$501.57	\$0.00	\$538.95
105809	High Density File Storage System (Double Faced) Manual Assist Double faced shelving unit 32" deep, 6 adjustable shelves (not including top and bottom shelves), 101" high	LF	\$145.37	\$722.81	\$7.00	\$875.18
105810	High Density File Storage System (Single Faced) Automatic Assist Each single faced shelving unit is 9" deep and 7 shelves high. Metal shelves with wood end panels and automatic controls on both ends	LF	\$47.58	\$331.02	\$0.00	\$378.60
105811	High Density File Storage System (Double Faced) Automatic Assist Each double faced shelving unit is 1.5' deep and 7 shelves high. Metal shelves with wood end panels and automatic controls on both ends	LF	\$37.38	\$601.88	\$0.00	\$639.26
10-70-00 Exterior Specialties						
10-71-00 Exterior Protection						
10-71-13 Exterior Sun Control Devices						
105812	Shade Sail Synthetic Textile With 10- year warranty, and approved fire rating.	SF	\$1.30	\$3.21	\$0.00	\$4.51
10-74-00 Manufactured Exterior Specialties						
10-74-49 Modular Landing and Ramp Systems						

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		Units	Labor	Material	Equipment	Total
105813	Modular Aluminum ADA Ramp – Up To 30' Long Up to 48" wide. Includes all supports, landings, platforms and railings.	LF	\$53.11	\$556.50	\$0.00	\$609.61
105814	Modular Aluminum ADA Ramp – > 30' Long Up to 48" wide. Includes all supports, landings, platforms and railings.	LF	\$53.11	\$662.50	\$0.00	\$715.61

10-75-00 Flagpoles

10-75-00 Flagpoles

105815	Ground Set Flagpole - Up To 25' Includes, ropes and pullies, tapered, aluminum, keying, non-fowling, cleats, finial ball & foundation. Meets wind requirements up to 120 MPH	EA	\$319.95	\$5,088.00	\$0.00	\$5,407.95
105816	Ground Set Flagpole - 25' To 35' Includes, ropes and pullies, tapered, aluminum, keying, non-fowling, cleats, finial ball & foundation. Meets wind requirements up to 120 MPH	EA	\$375.95	\$6,837.01	\$0.00	\$7,212.96

10-80-00 Other Specialties

10-81-00 Pest Control Devices

10-81-13 Bird Control Devices

105817	Bird Netting Black 3/4" bird netting - includes netting, straining wire, bird net ferrules, turnbuckles, brackets and labor for a complete installation	SF	\$0.34	\$0.57	\$0.12	\$1.03
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11-00-00 Equipment

11-00-00 Equipment

11-15-00 Security Control Equipment

11-15-00 Security Control Equipment

105818	Walk Through Book Detectors (Single)	EA	\$902.28	\$5,300.00	\$0.00	\$6,202.28
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11-10-00 Vehicle and Pedestrian Equipment

11-11-00 Vehicle Service Equipment

11-11-00 Vehicle Service Equipment

105819	Hydraulic Vehicle Lift-Double Post – Up To 8,000 Pound Capacity (4 Tons)	EA	\$2,148.27	\$10,865.00	\$0.00	\$13,013.27
105820	Hydraulic Vehicle Lift-Double Post – Up To 10,000 Pound Capacity (5 Tons)	EA	\$2,374.40	\$13,780.00	\$0.00	\$16,154.40
105821	Hydraulic Vehicle Lift-Double Post – Up To 12,000 Pound Capacity (6 Tons)	EA	\$2,506.32	\$18,020.00	\$0.00	\$20,526.32
105822	Hydraulic Vehicle Lift-Double Post – Up To 14,000 Pound Capacity (7 Tons)	EA	\$2,819.60	\$23,320.01	\$0.00	\$26,139.61

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		Units	Labor	Material	Equipment	Total
105823	Hydraulic Truck Lift- Four Post – Up To 24,000 Pound Capacity (12 Tons)	EA	\$3,007.58	\$29,150.00	\$0.00	\$32,157.58
105824	Hydraulic Truck Lift – Four Post – Up To 32,000 Pound Capacity (16 Tons)	EA	\$3,470.29	\$58,300.00	\$0.00	\$61,770.29
105825	Hydraulic Truck Lift- Four Post – Up To 42,000 Pound Capacity (21 Tons)	EA	\$3,759.48	\$102,025.00	\$0.00	\$105,784.48
105826	Hydraulic Truck Lift- Four Post – Up To 52,000 Pound Capacity (26 Tons)	EA	\$4,101.24	\$127,530.72	\$0.00	\$131,631.96
105827	Hydraulic Truck Lift- Four Post – Up To 62,000 Pound Capacity (31 Tons)	EA	\$4,511.37	\$146,660.54	\$0.00	\$151,171.91

11-12-00 Parking Control Equipment

11-12-00 Parking Control Equipment

105828	Vehicular Control Gate Lift, Swing, or Sliding Arm. Includes foundation	EA	\$1,503.79	\$3,710.00	\$0.00	\$5,213.79
105829	Parking Security Spike Strips - In Ground Includes furnish and installation of spike strip (3' long), galvanized, painted red, excavation and concrete perimeter curbing	EA	\$1,080.79	\$2,613.06	\$493.81	\$4,187.66
105830	Hydraulic Wedge Barrier Up to 10' long by 3' wide	SF	\$1,503.79	\$7,420.00	\$0.00	\$8,923.79
105831	Ticket Booth Up to 60 SF. Heated & Cooled Electric	EA	\$4,511.37	\$26,500.00	\$0.00	\$31,011.37

11-13-00 Loading Dock Equipment

11-13-19 Stationary Loading Dock Equipment

105832	Dock Levelers Edge Of Dock (Each Bay) – Up To 20,000 LB Capacity	EA	\$451.13	\$3,710.00	\$0.00	\$4,161.13
105833	Dock Levelers Edge Of Dock (Each Bay) – Up To 25,000 LB Capacity	EA	\$451.13	\$4,240.00	\$0.00	\$4,691.13
105834	Dock Levelers Pit Mount (Each Bay) – Up To 25,000 LB Capacity	EA	\$902.28	\$5,830.00	\$0.00	\$6,732.28
105835	Dock Levelers Pit Mount (Each Bay) – Up To 50,000 LB Capacity	EA	\$902.28	\$9,009.99	\$0.00	\$9,912.27
105836	Loading Dock Scissors Lift – Up To 5,000 LB Capacity	EA	\$902.28	\$9,009.99	\$0.00	\$9,912.27
105837	Loading Dock Scissors Lift – Up To 15,000 LB Capacity	EA	\$902.28	\$13,780.00	\$0.00	\$14,682.28
105838	Dock Bumper (Each Bay) Up to a 15'-0" wide opening.	EA	\$128.89	\$233.19	\$0.00	\$362.08
105839	Dock Seals (Each Bay) Up To 10' x 10' Opening Up to 12" deep	EA	\$225.57	\$1,590.00	\$0.00	\$1,815.57
105840	Dock Seals (Each Bay) Up To 15' x 10' Opening Up to 12" deep	EA	\$225.57	\$2,120.00	\$0.00	\$2,345.57

11-14-00 Pedestrian Control Equipment

11-14-13 Pedestrian Gates

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		Units	Labor	Material	Equipment	Total
105841	Turnstile – Manual One Way – Tripod Arm Galvanized Steel Up to 48" Diameter and 50" in height.	EA	\$1,046.60	\$3,710.00	\$0.00	\$4,756.60
105842	Turnstile – Manual One Way – Tripod Arm Stainless Steel Up to 48" Diameter and 50" in height.	EA	\$1,046.60	\$6,360.00	\$0.00	\$7,406.60
105843	Turnstile – Bi-Directional Motorized Swinging Barrier – Hands Free – Glass Panel Sliding Gate – Optical Controller Alvarado SU5000 or equal	EA	\$3,908.82	\$38,637.00	\$0.00	\$42,545.82
105844	Turnstile – Full Height Up To 7'-0"- Galvanized Steel Up to 6' diameter revolving gate	EA	\$1,046.60	\$5,830.00	\$0.00	\$6,876.60
105845	Turnstile – Full Height Up To 7'-0"- Stainless Steel Up to 6' diameter revolving gate	EA	\$1,046.60	\$10,600.00	\$0.00	\$11,646.60
105846	Turnstile – Full Height Up To 7'-0"- Stainless Steel-With Automatic Controller Up to 6' diameter revolving gate	EA	\$1,046.60	\$16,960.00	\$0.00	\$18,006.60
105847	Floor Saver Mounting Plates Alvarado SU5000-BP/BP-A-E or equal - Prevents the need for any floor demo/wire ran directly into base plates	EA	\$849.36	\$10,811.31	\$0.00	\$11,660.67
105848	(Modifier) Turnstile Card Reader Barcode Reader for Electronic Turnstile. Pricing is provided as a complete package installed by the manufacturer. Includes Converter.	EA	\$0.00	\$2,817.11	\$0.00	\$2,817.11

11-15-00 Security Control Equipment

11-15-00 Security Control Equipment

105849	Guard Booth - Prefabricated Up to 60 sf. Electric heating and cooling, wood framed construction	SF	\$70.29	\$613.04	\$0.00	\$683.33
105850	Guard Booth - Prefabricated 60 SF or greater. Electric heating and cooling	SF	\$75.19	\$706.65	\$0.00	\$781.84
105851	Guard Booth – Bullet Resistant Up to 60 sf. Electric heating and cooling	SF	\$75.19	\$1,395.66	\$0.00	\$1,470.85
105852	Projectile Recovery Trap Bench Mount – Low Volume Testing Up To 4,100 FPE	EA	\$112.78	\$2,650.00	\$0.00	\$2,762.78
105853	Projectile Recovery Trap Floor Mount – Moderate To High Volume Testing Up To 8,100 FPE	EA	\$451.13	\$6,890.00	\$0.00	\$7,341.13
105854	Projectile Recovery Trap Floor Mount – Moderate To High Volume Testing Up To 13,000 FPE	EA	\$451.13	\$10,600.00	\$0.00	\$11,051.13

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		Units	Labor	Material	Equipment	Total
105855	Projectile Recovery Trap Floor Mount – High Volume 24" Box Trap Up To 8,100 FPE With fluid circulation	EA	\$601.52	\$21,199.99	\$0.00	\$21,801.51
105856	Projectile Recovery Trap Floor Mount – High Volume 36" Box Trap Up To 8,100 FPE With fluid circulation	EA	\$601.52	\$28,090.00	\$0.00	\$28,691.52
105857	Projectile Recovery Trap Floor Mount – High Volume 48" Box Trap Up To 8,100 FPE With fluid circulation	EA	\$601.52	\$36,040.00	\$0.00	\$36,641.52
105858	Bullet Trap, Target Trolley, and Baffle System	EA	\$9,022.74	\$48,760.00	\$0.00	\$57,782.74
105859	Evidence Drying Cabinet – Up To 36" Wide Tamper-resistant Polypropylene, Metal, and Glass construction, ductless, with multi-stage filtration. Includes both moveable and fixed cabinets.	EA	\$451.13	\$7,208.00	\$0.00	\$7,659.13
105860	Evidence Drying Cabinet – Up To 60" Wide Tamper-resistant Polypropylene, Metal, and Glass construction, ductless, with multi-stage filtration. Includes both moveable and fixed cabinets.	EA	\$601.52	\$13,250.01	\$0.00	\$13,851.53
105861	Evidence Lockers – 1 Tier Up To 16"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$32.22	\$2,872.38	\$0.00	\$2,904.60
105862	Evidence Lockers – 2 Tier Up To 16"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$32.22	\$3,127.71	\$0.00	\$3,159.93
105863	Evidence Lockers – 3 Tier Up To 16"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$32.22	\$3,383.03	\$0.00	\$3,415.25
105864	Evidence Lockers – 4 Tier Up To 16"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$32.22	\$3,638.35	\$0.00	\$3,670.57
105865	Evidence Lockers – 1 Tier Up To 18"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$41.01	\$3,016.01	\$0.00	\$3,057.02
105866	Evidence Lockers – 2 Tier Up To 18"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$41.01	\$3,284.10	\$0.00	\$3,325.11

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
105867	Evidence Lockers – 3 Tier Up To 18"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$41.01	\$3,552.18	\$0.00	\$3,593.19
105868	Evidence Lockers – 4 Tier Up To 18"x18"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$41.01	\$3,820.27	\$0.00	\$3,861.28
105869	Evidence Lockers – 1 Tier Up To 21"x21"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$3,656.34	\$0.00	\$3,720.79
105870	Evidence Lockers – 2 Tier Up To 21"x21"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$3,981.34	\$0.00	\$4,045.79
105871	Evidence Lockers – 3 Tier Up To 21"x21"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$4,306.34	\$0.00	\$4,370.79
105872	Evidence Lockers – 4 Tier Up To 21"x21"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$4,631.36	\$0.00	\$4,695.81
105873	Evidence Lockers – 1 Tier Up To 24"x24"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$4,021.97	\$0.00	\$4,086.42
105874	Evidence Lockers – 2 Tier Up To 24"x24"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$4,379.46	\$0.00	\$4,443.91
105875	Evidence Lockers – 3 Tier Up To 24"x24"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$4,736.99	\$0.00	\$4,801.44
105876	Evidence Lockers – 4 Tier Up To 24"x24"x82" Heavy duty steel construction with tamper proof keyless locking system	EA	\$64.45	\$5,094.48	\$0.00	\$5,158.93
105877	Gun Safe – 1 Hour Fire Rating Up To 22" Wide x 20" Deep x 59" High Steel construction with tamper resistant electronic keypad locking system	EA	\$150.37	\$1,590.00	\$0.00	\$1,740.37

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
105878	Gun Safe – 1 Hour Fire Rating Up To 32" Wide x 22" Deep x 59" High Steel construction with tamper resistant electronic keypad locking system	EA	\$150.37	\$2,014.00	\$0.00	\$2,164.37
105879	Gun Safe – 1 Hour Fire Rating Up To 39" Wide x 24" Deep x 59" High Steel construction with tamper resistant electronic keypad locking system	EA	\$150.37	\$2,862.00	\$0.00	\$3,012.37
105880	Gun Safe – 1 Hour Fire Rating Up To 22" Wide x 20" Deep x 72" High Steel construction with tamper resistant electronic keypad locking system	EA	\$150.37	\$1,828.50	\$0.00	\$1,978.87
105881	Gun Safe – 1 Hour Fire Rating Up To 32" Wide x 22" Deep x 72" High Steel construction with tamper resistant electronic keypad locking system	EA	\$150.37	\$2,316.10	\$0.00	\$2,466.47
105882	Gun Safe – 1 Hour Fire Rating Up To 39" Wide x 24" Deep x 72" High Steel construction with tamper resistant electronic keypad locking system	EA	\$150.37	\$3,291.30	\$0.00	\$3,441.67
105883	Gun Lockers – Up To 42" Wide x 15" Deep x 45" Tall Heavy duty vented steel construction with tamper proof keyless locking system	EA	\$150.37	\$2,226.00	\$0.00	\$2,376.37
105884	Gun Lockers – Up To 42" Wide x 15" Deep x 72" Tall Heavy duty vented steel construction with tamper proof keyless locking system	EA	\$150.37	\$2,756.00	\$0.00	\$2,906.37
105885	Gun Lockers – Up To 42" Wide x 15" Deep x 84" Tall Heavy duty vented steel construction with tamper proof keyless locking system	EA	\$150.37	\$3,180.01	\$0.00	\$3,330.38
105886	X-Ray Scanner Conveyor belt scanner	EA	\$2,255.69	\$29,150.00	\$0.00	\$31,405.69
105887	Walk Through Metal Detectors (Single) Garrett CS5000 or equal. 30" to 42" Wide, 70 to 90" in Height, 20" to 32" in depth. Programmable & adjustable.	EA	\$902.28	\$5,300.00	\$0.00	\$6,202.28

11-20-00 Commercial Equipment

11-21-00 Retail and Service Equipment

11-21-73 Commercial Laundry and Dry Cleaning Equipment

105888	20 LB. Electric and Gas Dry Cleaner	EA	\$3,819.96	\$31,694.00	\$0.00	\$35,513.96
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The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
105889	25 LB. Electric and Gas Dry Cleaner	EA	\$4,660.50	\$40,492.00	\$0.00	\$45,152.50
105890	30 LB. Electric and Gas Dry Cleaner	EA	\$5,236.64	\$42,612.00	\$0.00	\$47,848.64
105891	60 LB. Electric and Gas Dry Cleaner	EA	\$8,473.65	\$67,310.00	\$0.00	\$75,783.65
105892	20 LB. Combination Washer / Extractor	EA	\$280.24	\$4,176.40	\$0.00	\$4,456.64
105893	30 LB. Combination Washer / Extractor	EA	\$525.42	\$8,050.70	\$0.00	\$8,576.12
105894	50 LB. Combination Washer / Extractor	EA	\$618.10	\$9,964.00	\$0.00	\$10,582.10
105895	75 LB. Combination Washer / Extractor	EA	\$618.10	\$20,749.50	\$0.00	\$21,367.60
105896	125 LB. Combination Washer / Extractor	EA	\$618.10	\$26,261.50	\$0.00	\$26,879.60
105897	50 LB. Capacity Washing Machine	EA	\$618.10	\$10,070.00	\$0.00	\$10,688.10
105898	50 LB. Capacity Dryer	EA	\$618.10	\$3,975.00	\$0.00	\$4,593.10
11-22-00 Banking Equipment						
11-22-16 Teller and Service Equipment						
105899	Transaction Drawer - Thru Wall, Small Approximate size -12"w x 16"d x 4"h, extends up to 11", stainless steel construction, manual operation, removable deal tray, Level 3 bullet resistance	EA	\$136.60	\$1,632.19	\$0.00	\$1,768.79
105900	Transaction Drawer - Thru Wall, Medium Approximate size - 12"w x 24"d x 4"h, extends up to 17", stainless steel construction, manual operation, removable deal tray, Level 3 bullet resistance	EA	\$136.60	\$2,185.62	\$0.00	\$2,322.22
105901	Transaction Drawer - Thru Wall, Large Approximate size - 18"w x 25"d x 5"h, multi drawer, double hinged lid, stainless steel construction, manual operation, removable deal tray, Level 3 bullet resistance	EA	\$204.90	\$2,241.69	\$0.00	\$2,446.59
105902	Transaction Drawer - Thru Wall, Large Approximate size - 18"w x 25"d x 9"h, multi drawer, stainless steel construction, manual operation, removable deal tray, Level 3 bullet resistance	EA	\$204.90	\$2,468.43	\$0.00	\$2,673.33
105903	[Modifier] Rework Existing Partition (GWB)/Millwork and Worksurface for New Transaction Drawer To include cutting and reframing opening in GWB partition and counter surface	EA	\$950.24	\$158.99	\$0.00	\$1,109.23

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
105904	[Modifier] Rework Existing Partition (CMU)/Millwork and Worksurface for New Transaction Drawer To include cutting and reframing opening in CMU partition and counter surface	EA	\$1,466.88	\$265.00	\$0.00	\$1,731.88
11-30-00 Residential Equipment						
11-30-00 Residential Equipment						
11-30-13 Residential Appliances						
<i>Includes all major makes and models in manufactures standard line of finishes. All hookups are included</i>						
105905	Residential Cooktop – Up To 30" Electric, 4 Burner, Dial Controls	EA	\$112.78	\$636.00	\$0.00	\$748.78
105906	Residential Cooktop – Up To 30" Electric, 4 Burner, Digital Controls	EA	\$112.78	\$848.00	\$0.00	\$960.78
105907	Residential Cooktop – Up To 30" Electric, 4 Burner, Downdraft	EA	\$112.78	\$1,802.00	\$0.00	\$1,914.78
105908	Residential Cooktop – Up To 30" Gas, 4 Burner, Dial Controls	EA	\$112.78	\$731.40	\$0.00	\$844.18
105909	Residential Cooktop – Up To 30" Gas, 4 Burner, Digital Controls	EA	\$112.78	\$975.20	\$0.00	\$1,087.98
105910	Residential Cooktop – Up To 30" Gas, 4 Burner, Downdraft	EA	\$112.78	\$2,072.30	\$0.00	\$2,185.08
105911	Residential Range – Gas, Up To 24"	EA	\$112.78	\$954.00	\$0.00	\$1,066.78
105912	Residential Range – Gas, Up To 30"	EA	\$112.78	\$901.00	\$0.00	\$1,013.78
105913	Residential Range – Gas, Up To 36"	EA	\$112.78	\$1,908.00	\$0.00	\$2,020.78
105914	Residential Range – Electric, Up To 20"	EA	\$112.78	\$742.01	\$0.00	\$854.79
105915	Residential Range – Electric, Up To 24"	EA	\$112.78	\$795.00	\$0.00	\$907.78
105916	Residential Range – Electric, Up To 30"	EA	\$112.78	\$848.00	\$0.00	\$960.78
105917	Residential Range Hood – Up To 30" and 350 CFM – Ducted Under Cabinet Mount Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$112.78	\$212.00	\$0.00	\$324.78
105918	Residential Range Hood – Up To 30" and 600 CFM – Ducted Under Cabinet Mount Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$112.78	\$371.00	\$0.00	\$483.78
105919	Residential Range Hood – Up To 30" and 900 CFM – Ducted Under Cabinet Mount Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$112.78	\$476.99	\$0.00	\$589.77

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		Units	Labor	Material	Equipment	Total
105920	Residential Range Hood – Up To 48" and 800 CFM – Ducted Wall / Island Mount Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$150.37	\$689.00	\$0.00	\$839.37
105921	Residential Range Hood – Up To 48" and 950 CFM – Ducted Wall / Island Mount Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$150.37	\$1,126.25	\$0.00	\$1,276.62
105922	Residential Range Hood – Up To 48" and 1,200 CFM – Ducted Wall / Island Mount Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$150.37	\$1,417.75	\$0.00	\$1,568.12
105923	Residential Range Hood – Up To 30" and 350 CFM – Ductless Under Cabinet Mount	EA	\$90.23	\$190.80	\$0.00	\$281.03
105924	Residential Range Hood – Up To 30" and 600 CFM – Ductless Under Cabinet Mount	EA	\$90.23	\$333.90	\$0.00	\$424.13
105925	Residential Range Hood – Up To 30" and 900 CFM – Ductless Under Cabinet Mount	EA	\$90.23	\$429.30	\$0.00	\$519.53
105926	Residential Range Hood – Up To 48" and 800 CFM – Ductless Wall / Island Mount	EA	\$112.78	\$630.70	\$0.00	\$743.48
105927	Residential Range Hood – Up To 48" and 950 CFM – Ductless Wall / Island Mount	EA	\$112.78	\$1,024.23	\$0.00	\$1,137.01
105928	Residential Range Hood – Up To 48" and 1,200 CFM – Ductless Wall / Island Mount	EA	\$112.78	\$1,286.58	\$0.00	\$1,399.36
105929	Residential Dishwasher – 24" Wide, Top Control, Up To 51 Decibels Includes drain hookup	EA	\$150.37	\$636.00	\$0.00	\$786.37
105930	Residential Dishwasher – 24" Wide, Top Control, Up To 47 Decibels Includes drain hookup	EA	\$150.37	\$901.00	\$0.00	\$1,051.37
105931	Residential Dishwasher – 24" Wide, Top Control, Up To 43 Decibels Includes drain hookup	EA	\$150.37	\$1,060.01	\$0.00	\$1,210.38
105932	Residential Dishwasher – 24" Wide, Front Control, Up To 51 Decibels Includes drain hookup	EA	\$150.37	\$636.00	\$0.00	\$786.37
105933	Residential Dishwasher – 24" Wide, Front Control, Up To 47 Decibels Includes drain hookup	EA	\$150.37	\$689.00	\$0.00	\$839.37

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		Units	Labor	Material	Equipment	Total
105934	Residential Dishwasher – 24" Wide, Front Control, Up To 43 Decibels Includes drain hookup	EA	\$150.37	\$901.00	\$0.00	\$1,051.37
105935	Residential Dishwasher – 18" Wide, Top Control, Up To 51 Decibels Includes drain hookup	EA	\$150.37	\$742.01	\$0.00	\$892.38
105936	Residential Dishwasher – 18" Wide, Top Control, Up To 47 Decibels Includes drain hookup	EA	\$150.37	\$901.00	\$0.00	\$1,051.37
105937	Residential Dishwasher – 18" Wide, Top Control, Up To 43 Decibels Includes drain hookup	EA	\$150.37	\$1,060.01	\$0.00	\$1,210.38
105938	Residential Dishwasher – 18" Wide, Front Control, Up To 51 Decibels Includes drain hookup	EA	\$150.37	\$689.00	\$0.00	\$839.37
105939	Residential Dishwasher – 18" Wide, Front Control, Up To 47 Decibels Includes drain hookup	EA	\$150.37	\$848.00	\$0.00	\$998.37
105940	Residential Dishwasher – 18" Wide, Front Control, Up To 41 Decibels Includes drain hookup	EA	\$150.37	\$954.00	\$0.00	\$1,104.37
105941	Residential Clothes Washer – Front Load, Up To 2.5 Cubic Feet Includes drain hookup	EA	\$90.23	\$901.00	\$0.00	\$991.23
105942	Residential Clothes Washer – Front Load, Up To 4.5 Cubic Feet Includes drain hookup	EA	\$90.23	\$795.00	\$0.00	\$885.23
105943	Residential Clothes Washer – Front Load, Up To 6 Cubic Feet Includes drain hookup	EA	\$90.23	\$1,590.00	\$0.00	\$1,680.23
105944	Residential Clothes Washer – Top Load, Up To 2.5 Cubic Feet Includes drain hookup	EA	\$90.23	\$742.01	\$0.00	\$832.24
105945	Residential Clothes Washer – Top Load, Up To 4.5 Cubic Feet Includes drain hookup	EA	\$90.23	\$689.00	\$0.00	\$779.23
105946	Residential Clothes Washer – Top Load, Up To 6 Cubic Feet Includes drain hookup	EA	\$90.23	\$1,272.00	\$0.00	\$1,362.23
105947	Residential Clothes Dryer – Gas, Up To 6 Cubic Feet Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$795.00	\$0.00	\$885.23
105948	Residential Clothes Dryer – Gas, Up To 7.5 Cubic Feet Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$901.00	\$0.00	\$991.23

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		Units	Labor	Material	Equipment	Total
105949	Residential Clothes Dryer – Gas, Up To 9 Cubic Feet Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$1,060.01	\$0.00	\$1,150.24
105950	Residential Clothes Dryer – Electric, Up To 6 Cubic Feet Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$530.00	\$0.00	\$620.23
105951	Residential Clothes Dryer – Electric, Up To 7.5 Cubic Feet Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$848.00	\$0.00	\$938.23
105952	Residential Clothes Dryer – Electric, Up To 9 Cubic Feet Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$954.00	\$0.00	\$1,044.23
105953	Microwave – Counter, Up To 1.6 Cubic Feet	EA	\$21.48	\$265.00	\$0.00	\$286.48
105954	Microwave – Counter, Up To 2.2 Cubic Feet	EA	\$21.48	\$397.50	\$0.00	\$418.98
105955	Microwave – Built-In, Up To 1.6 Cubic Feet	EA	\$90.23	\$1,060.01	\$0.00	\$1,150.24
105956	Microwave – Built-In, Up To 2.2 Cubic Feet	EA	\$90.23	\$742.01	\$0.00	\$832.24
105957	Microwave – Over The Range, Up To 1.6 Cubic Feet	EA	\$64.45	\$265.00	\$0.00	\$329.45
105958	Microwave – Over The Range, Up To 2.2 Cubic Feet	EA	\$64.45	\$397.50	\$0.00	\$461.95
105959	Residential Refrigerator – Side By Side Door, Up To 22 Cubic Feet	EA	\$90.23	\$1,272.00	\$0.00	\$1,362.23
105960	Residential Refrigerator – Side By Side Door, Up To 26 Cubic Feet	EA	\$90.23	\$1,431.00	\$0.00	\$1,521.23
105961	Residential Refrigerator – Side By Side Door, Up To 30 Cubic Feet	EA	\$90.23	\$7,844.00	\$0.00	\$7,934.23
105962	Residential Refrigerator – Side By Side Door With Pull Out Bottom Freezer, Up To 22 Cubic Feet	EA	\$90.23	\$1,377.99	\$0.00	\$1,468.22
105963	Residential Refrigerator – Side By Side Door With Pull Out Bottom Freezer, Up To 26 Cubic Feet	EA	\$90.23	\$1,590.00	\$0.00	\$1,680.23
105964	Residential Refrigerator – Side By Side Door With Pull Out Bottom Freezer, Up To 30 Cubic Feet	EA	\$90.23	\$3,815.99	\$0.00	\$3,906.22
105965	Residential Refrigerator – Single Door With Pull Out Bottom Freezer, Up To 22 Cubic Feet	EA	\$90.23	\$1,060.01	\$0.00	\$1,150.24

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		Units	Labor	Material	Equipment	Total
105966	Residential Refrigerator – Single Door With Pull Out Bottom Freezer, Up To 26 Cubic Feet	EA	\$90.23	\$1,272.00	\$0.00	\$1,362.23
105967	Residential Refrigerator – Single Door With Pull Out Bottom Freezer, Up To 30 Cubic Feet	EA	\$90.23	\$3,815.99	\$0.00	\$3,906.22
105968	Residential Refrigerator – Single Door With Top Freezer, Up To 22 Cubic Feet	EA	\$90.23	\$795.00	\$0.00	\$885.23
105969	Residential Refrigerator – Single Door With Top Freezer, Up To 26 Cubic Feet	EA	\$90.23	\$1,166.00	\$0.00	\$1,256.23
105970	Residential Refrigerator – Single Door With Top Freezer, Up To 30 Cubic Feet	EA	\$90.23	\$2,650.00	\$0.00	\$2,740.23
105971	[Modifier] Residential Refrigerator – Ice Maker	EA	\$0.00	\$79.50	\$0.00	\$79.50
105972	[Modifier] Residential Refrigerator – Water Dispenser	EA	\$0.00	\$132.51	\$0.00	\$132.51
105973	Undercounter Refrigerator – Single Door With Top Freezer, Up To 3 Cubic Feet	EA	\$56.40	\$265.00	\$0.00	\$321.40
105974	Undercounter Refrigerator – Single Door With Top Freezer, Up To 5 Cubic Feet	EA	\$56.40	\$651.90	\$0.00	\$708.30
105975	Residential Cooktop Gas Or Electric – Installation Only	EA	\$112.78	\$0.00	\$0.00	\$112.78
105976	Residential Range Gas Or Electric – Installation Only	EA	\$112.78	\$0.00	\$0.00	\$112.78
105977	Residential Range Hood – Ducted Under Cabinet Mount – Installation Only Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$112.78	\$0.00	\$0.00	\$112.78
105978	Residential Range Hood – Ducted Wall / Island Mount – Installation Only Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$150.37	\$0.00	\$0.00	\$150.37
105979	Residential Range Hood – Ductless Under Cabinet Mount – Installation Only	EA	\$90.23	\$0.00	\$0.00	\$90.23
105980	Residential Range Hood – Ductless Wall / Island Mount – Installation Only	EA	\$112.78	\$0.00	\$0.00	\$112.78
105981	Residential Dishwasher – Installation Only Includes drain hookup	EA	\$150.37	\$0.00	\$0.00	\$150.37
105982	Residential Clothes Washer – Installation Only Includes drain hookup	EA	\$90.23	\$0.00	\$0.00	\$90.23

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		Units	Labor	Material	Equipment	Total
105983	Residential Clothes Dryer Gas Or Electric – Installation Only Includes up to 8" diameter through wall venting with up to 10' of duct. For additional ducting refer to the HVAC section	EA	\$90.23	\$0.00	\$0.00	\$90.23
105984	Microwave – Counter – Installation Only	EA	\$21.48	\$0.00	\$0.00	\$21.48
105985	Microwave – Built-In – Installation Only	EA	\$90.23	\$0.00	\$0.00	\$90.23
105986	Microwave – Over The Range – Installation Only	EA	\$64.45	\$0.00	\$0.00	\$64.45
105987	Residential Refrigerator – Installation Only	EA	\$90.23	\$0.00	\$0.00	\$90.23
105988	Undercounter Refrigerator – Installation Only	EA	\$56.40	\$0.00	\$0.00	\$56.40

11-40-00 Foodservice Equipment

11-41-00 Foodservice Storage Equipment

11-41-23 Walk-In Coolers

Units include all refrigeration equipment, lighting, up to 4" Urethane filled Aluminum walls and ceilings (or equal), cooler door with all hardware, screed plastic, supports, blocking, and fasteners, for a complete cooler/freezer system. For different shaped units choose the line item which corresponds with the Square Footage of your unit

105989	Walk In Coolers / Freezers – Up To 6' X 6' X 8' With Insulated Floor	EA	\$1,700.53	\$8,395.20	\$0.00	\$10,095.73
105990	Walk In Coolers / Freezers – Up To 6' X 6' X 8' Without Insulated Floor	EA	\$1,478.72	\$7,135.92	\$0.00	\$8,614.64
105991	Walk In Coolers / Freezers – Up To 6' X 6' X 10' With Insulated Floor	EA	\$2,125.66	\$10,074.24	\$0.00	\$12,199.90
105992	Walk In Coolers / Freezers – Up To 6' X 6' X 10' Without Insulated Floor	EA	\$1,848.40	\$8,563.11	\$0.00	\$10,411.51
105993	Walk In Coolers / Freezers – Up To 6' X 6' X 12' With Insulated Floor	EA	\$2,657.08	\$12,089.09	\$0.00	\$14,746.17
105994	Walk In Coolers / Freezers – Up To 6' X 6' X 12' Without Insulated Floor	EA	\$2,310.50	\$10,275.73	\$0.00	\$12,586.23
105995	Walk In Coolers / Freezers – Up To 8' X 8' X 8' With Insulated Floor	EA	\$2,748.32	\$13,567.99	\$0.00	\$16,316.31
105996	Walk In Coolers / Freezers – Up To 8' X 8' X 8' Without Insulated Floor	EA	\$2,389.85	\$11,532.80	\$0.00	\$13,922.65
105997	Walk In Coolers / Freezers – Up To 8' X 8' X 10' With Insulated Floor	EA	\$3,435.41	\$16,281.60	\$0.00	\$19,717.01
105998	Walk In Coolers / Freezers – Up To 8' X 8' X 10' Without Insulated Floor	EA	\$2,987.31	\$13,839.36	\$0.00	\$16,826.67
105999	Walk In Coolers / Freezers – Up To 8' X 8' X 12' With Insulated Floor	EA	\$4,294.25	\$19,537.92	\$0.00	\$23,832.17
106000	Walk In Coolers / Freezers – Up To 8' X 8' X 12' Without Insulated Floor	EA	\$3,734.13	\$16,607.23	\$0.00	\$20,341.36

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		Units	Labor	Material	Equipment	Total
106001	Walk In Coolers / Freezers – Up To 10' X 10' X 8' With Insulated Floor	EA	\$3,864.83	\$19,080.00	\$0.00	\$22,944.83
106002	Walk In Coolers / Freezers – Up To 10' X 10' X 8' Without Insulated Floor	EA	\$3,360.71	\$16,218.00	\$0.00	\$19,578.71
106003	Walk In Coolers / Freezers – Up To 10' X 10' X 10' With Insulated Floor	EA	\$4,831.04	\$22,896.00	\$0.00	\$27,727.04
106004	Walk In Coolers / Freezers – Up To 10' X 10' X 10' Without Insulated Floor	EA	\$4,200.90	\$19,461.60	\$0.00	\$23,662.50
106005	Walk In Coolers / Freezers – Up To 10' X 10' X 12' With Insulated Floor	EA	\$6,038.79	\$27,475.20	\$0.00	\$33,513.99
106006	Walk In Coolers / Freezers – Up To 10' X 10' X 12' Without Insulated Floor	EA	\$5,251.12	\$23,353.92	\$0.00	\$28,605.04
106007	Walk In Coolers / Freezers – Up To 12' X 12' X 8' With Insulated Floor	EA	\$4,946.99	\$24,422.40	\$0.00	\$29,369.39
106008	Walk In Coolers / Freezers – Up To 12' X 12' X 8' Without Insulated Floor	EA	\$4,301.72	\$20,759.03	\$0.00	\$25,060.75
106009	Walk In Coolers / Freezers – Up To 12' X 12' X 10' With Insulated Floor	EA	\$6,183.73	\$29,306.88	\$0.00	\$35,490.61
106010	Walk In Coolers / Freezers – Up To 12' X 12' X 10' Without Insulated Floor	EA	\$5,377.15	\$24,910.85	\$0.00	\$30,288.00
106011	Walk In Coolers / Freezers – Up To 12' X 12' X 12' With Insulated Floor	EA	\$7,729.66	\$35,168.26	\$0.00	\$42,897.92
106012	Walk In Coolers / Freezers – Up To 12' X 12' X 12' Without Insulated Floor	EA	\$6,721.44	\$29,893.01	\$0.00	\$36,614.45
106013	Walk In Coolers / Freezers – Up To 14' X 14' X 8' With Insulated Floor	EA	\$5,891.71	\$29,086.40	\$0.00	\$34,978.11
106014	Walk In Coolers / Freezers – Up To 14' X 14' X 8' Without Insulated Floor	EA	\$5,123.23	\$24,723.44	\$0.00	\$29,846.67
106015	Walk In Coolers / Freezers – Up To 14' X 14' X 10' With Insulated Floor	EA	\$7,364.65	\$34,903.68	\$0.00	\$42,268.33
106016	Walk In Coolers / Freezers – Up To 14' X 14' X 10' Without Insulated Floor	EA	\$6,404.04	\$29,668.13	\$0.00	\$36,072.17
106017	Walk In Coolers / Freezers – Up To 14' X 14' X 12' With Insulated Floor	EA	\$9,205.81	\$41,884.41	\$0.00	\$51,090.22
106018	Walk In Coolers / Freezers – Up To 14' X 14' X 12' Without Insulated Floor	EA	\$8,005.05	\$35,601.75	\$0.00	\$43,606.80
106019	Walk In Coolers / Freezers – Up To 16' X 16' X 8' With Insulated Floor	EA	\$6,595.97	\$32,563.20	\$0.00	\$39,159.17
106020	Walk In Coolers / Freezers – Up To 16' X 16' X 8' Without Insulated Floor	EA	\$5,735.62	\$27,678.72	\$0.00	\$33,414.34

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		Units	Labor	Material	Equipment	Total
106021	Walk In Coolers / Freezers – Up To 16' X 16' X 10' With Insulated Floor	EA	\$8,244.97	\$39,075.84	\$0.00	\$47,320.81
106022	Walk In Coolers / Freezers – Up To 16' X 16' X 10' Without Insulated Floor	EA	\$7,169.53	\$33,214.46	\$0.00	\$40,383.99
106023	Walk In Coolers / Freezers – Up To 16' X 16' X 12' With Insulated Floor	EA	\$10,306.21	\$46,891.00	\$0.00	\$57,197.21
106024	Walk In Coolers / Freezers – Up To 16' X 16' X 12' Without Insulated Floor	EA	\$8,961.89	\$39,857.35	\$0.00	\$48,819.24
106025	Walk In Coolers / Freezers – Up To 18' X 18' X 8' With Insulated Floor	EA	\$6,956.68	\$34,344.00	\$0.00	\$41,300.68
106026	Walk In Coolers / Freezers – Up To 18' X 18' X 8' Without Insulated Floor	EA	\$6,049.29	\$29,192.40	\$0.00	\$35,241.69
106027	Walk In Coolers / Freezers – Up To 18' X 18' X 10' With Insulated Floor	EA	\$8,695.86	\$41,212.81	\$0.00	\$49,908.67
106028	Walk In Coolers / Freezers – Up To 18' X 18' X 10' Without Insulated Floor	EA	\$7,561.62	\$35,030.88	\$0.00	\$42,592.50
106029	Walk In Coolers / Freezers – Up To 18' X 18' X 12' With Insulated Floor	EA	\$10,869.83	\$49,455.35	\$0.00	\$60,325.18
106030	Walk In Coolers / Freezers – Up To 18' X 18' X 12' Without Insulated Floor	EA	\$9,452.03	\$42,037.06	\$0.00	\$51,489.09
106031	Walk In Coolers / Freezers – Up To 20' X 20' X 8' With Insulated Floor	EA	\$7,557.89	\$37,312.01	\$0.00	\$44,869.90
106032	Walk In Coolers / Freezers – Up To 20' X 20' X 8' Without Insulated Floor	EA	\$6,572.08	\$31,715.20	\$0.00	\$38,287.28
106033	Walk In Coolers / Freezers – Up To 20' X 20' X 10' With Insulated Floor	EA	\$9,447.36	\$44,774.39	\$0.00	\$54,221.75
106034	Walk In Coolers / Freezers – Up To 20' X 20' X 10' Without Insulated Floor	EA	\$8,215.11	\$38,058.24	\$0.00	\$46,273.35
106035	Walk In Coolers / Freezers – Up To 20' X 20' X 12' With Insulated Floor	EA	\$11,809.21	\$53,729.28	\$0.00	\$65,538.49
106036	Walk In Coolers / Freezers – Up To 20' X 20' X 12' Without Insulated Floor	EA	\$10,268.87	\$45,669.88	\$0.00	\$55,938.75
106037	Walk In Coolers / Freezers – Greater Than 20' x 20' x 8' With Insulated Floor	SF	\$15.09	\$76.21	\$0.00	\$91.30
106038	Walk In Coolers / Freezers – Greater Than 20' x 20' x 8' Without Insulated Floor	SF	\$13.12	\$64.78	\$0.00	\$77.90
106039	Walk In Coolers / Freezers – Greater Than 20' x 20' x 10' With Insulated Floor	SF	\$18.11	\$91.45	\$0.00	\$109.56
106040	Walk In Coolers / Freezers – Greater Than 20' x 20' x 10' Without Insulated Floor	SF	\$15.74	\$77.74	\$0.00	\$93.48

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		Units	Labor	Material	Equipment	Total
106041	Walk In Coolers / Freezers – Greater Than 20' x 20' x 12' With Insulated Floor	SF	\$21.72	\$109.75	\$0.00	\$131.47
106042	Walk In Coolers / Freezers – Greater Than 20' x 20' x 12' Without Insulated Floor	SF	\$18.89	\$93.28	\$0.00	\$112.17
106043	Walk In Coolers / Freezers – 1" Urethane Filled Aluminum Panels Or Equal	SF	\$4.29	\$16.43	\$0.00	\$20.72
106044	Walk In Coolers / Freezers – 2" Urethane Filled Aluminum Panels Or Equal	SF	\$4.93	\$18.02	\$0.00	\$22.95
106045	Walk In Coolers / Freezers – 3" Urethane Filled Aluminum Panels Or Equal	SF	\$5.58	\$19.61	\$0.00	\$25.19
106046	Walk In Coolers / Freezers – 4" Urethane Filled Aluminum Panels Or Equal	SF	\$6.22	\$21.20	\$0.00	\$27.42
106047	[Modifier] Walk In Cooler / Freezer Upgrade to Stainless Steel Finish	SF	\$0.00	\$17.87	\$0.00	\$17.87

11-46-00 Food Dispensing Equipment

11-46-83 Ice Machines

106048	Ice Machine – Floor Mounted – Makes Up To 150 LB Per Day Capacity	EA	\$214.83	\$2,120.00	\$0.00	\$2,334.83
106049	Ice Machine – Floor Mounted – Makes Between 150 LB 350 LB Per Day Capacity	EA	\$344.38	\$3,710.00	\$0.00	\$4,054.38
106050	Ice Machine – Floor Mounted – Makes Between 350 LB 550 LB Per Day Capacity	EA	\$469.94	\$5,300.00	\$0.00	\$5,769.94
106051	Ice Machine – Floor Mounted – Makes Between 550 LB 750 LB Per Day Capacity	EA	\$601.52	\$6,890.00	\$0.00	\$7,491.52
106052	Ice Machine – Floor Mounted – Makes Between 750 LB 950 LB Per Day Capacity	EA	\$727.64	\$8,480.00	\$0.00	\$9,207.64
106053	Ice Machine – Floor Mounted – Makes Between 950 LB 1150 LB Per Day Capacity	EA	\$851.21	\$10,070.00	\$0.00	\$10,921.21
106054	Ice Machine – Floor Mounted – Makes Between 1150 LB 1350 LB Per Day Capacity	EA	\$980.73	\$11,660.00	\$0.00	\$12,640.73
106055	Ice Machine – Floor Mounted – Makes Greater Than 1350 LB Per Day Capacity	EA	\$1,127.84	\$13,250.01	\$0.00	\$14,377.85

11-48-00 Foodservice Cleaning and Disposal Equipment

11-48-13 Commercial Dishwashers

106056	Commercial Dishwasher – Up To 30 Racks / HR	EA	\$214.83	\$4,770.00	\$0.00	\$4,984.83
106057	Commercial Dishwasher – 30 Racks / HR To 40 Racks / HR	EA	\$344.38	\$7,950.00	\$0.00	\$8,294.38
106058	Commercial Dishwasher – 40 Racks / HR To 50 Racks /HR	EA	\$469.94	\$11,129.99	\$0.00	\$11,599.93
106059	Commercial Dishwasher – 50 Racks / HR To 60 Racks / HR	EA	\$601.52	\$14,310.00	\$0.00	\$14,911.52

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		Units	Labor	Material	Equipment	Total
106060	Commercial Dishwasher – 60 Racks / HR To 70 Racks / HR	EA	\$727.64	\$17,490.00	\$0.00	\$18,217.64
106061	[Modifier] Ventless Commercial Dishwasher	EA	\$0.00	\$5,300.00	\$0.00	\$5,300.00
106062	[Modifier] Conveyor Commercial Dishwasher	EA	\$0.00	\$7,950.00	\$0.00	\$7,950.00
106063	In Sink Garbage Disposal – Up To 1/2 HP	EA	\$112.78	\$148.40	\$0.00	\$261.18
106064	In Sink Garbage Disposal – Up To 3/4 HP	EA	\$112.78	\$212.00	\$0.00	\$324.78
106065	In Sink Garbage Disposal – Up To 1 HP	EA	\$112.78	\$424.00	\$0.00	\$536.78
106066	In Sink Garbage Disposal – Up To 2 HP	EA	\$112.78	\$1,590.00	\$0.00	\$1,702.78
106067	In Sink Garbage Disposal – Up To 3 HP	EA	\$112.78	\$2,650.00	\$0.00	\$2,762.78

11-50-00 Educational and Scientific Equipment

11-51-00 Library Equipment

11-51-23 Library Stack Systems

106068	Wood Single Faced Library Shelving – 42" Tall, 3 Shelves (2 Adjustable) Oak Veneer or equal over Plywood core with up to 12" shelf depth	LF	\$27.54	\$227.36	\$0.00	\$254.90
106069	Wood Single Faced Library Shelving – 48" Tall, 3 Shelves (2 Adjustable) Oak Veneer or equal over Plywood core with up to 12" shelf depth	LF	\$27.54	\$246.08	\$0.00	\$273.62
106070	Wood Single Faced Library Shelving – 60" Tall, 5 Shelves (4 Adjustable) Oak Veneer or equal over Plywood core with up to 12" shelf depth	LF	\$32.71	\$307.81	\$0.00	\$340.52
106071	Wood Single Faced Library Shelving – 72" Tall, 5 Shelves (4 Adjustable) Oak Veneer or equal over Plywood core with up to 12" shelf depth	LF	\$32.71	\$321.10	\$0.00	\$353.81
106072	Wood Single Faced Library Shelving – 82" Tall, 6 Shelves (5 Adjustable) Oak Veneer or equal over Plywood core with up to 12" shelf depth	LF	\$32.71	\$339.64	\$0.00	\$372.35
106073	Wood Double Faced Library Shelving – 42" Tall, 3 Shelves Each Side (2 Adjustable Each Side) Oak Veneer or equal over Plywood core with up to 12" shelf depth each side	LF	\$32.71	\$362.49	\$0.00	\$395.20

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		Units	Labor	Material	Equipment	Total
106074	Wood Double Faced Library Shelving – 48" Tall, 3 Shelves Each Side (2 Adjustable Each Side) Oak Veneer or equal over Plywood core with up to 12" shelf depth each side	LF	\$32.71	\$392.99	\$0.00	\$425.70
106075	Wood Double Faced Library Shelving – 60" Tall, 5 Shelves Each Side (4 Adjustable Each Side) Oak Veneer or equal over Plywood core with up to 12" shelf depth each side	LF	\$40.25	\$493.50	\$0.00	\$533.75
106076	Wood Double Faced Library Shelving – 72" Tall, 5 Shelves Each Side (4 Adjustable Each Side) Oak Veneer or equal over Plywood core with up to 12" shelf depth each side	LF	\$40.25	\$517.10	\$0.00	\$557.35
106077	Wood Double Faced Library Shelving – 82" Tall, 6 Shelves Each Side (5 Adjustable Each Side) Oak Veneer or equal over Plywood core with up to 12" shelf depth each side	LF	\$40.25	\$562.96	\$0.00	\$603.21
106078	Plastic Laminate Single Faced Library Shelving – 42" Tall, 3 Shelves (2 Adjustable) Plastic Laminate over Plywood core with up to 12" shelf depth	LF	\$27.54	\$181.89	\$0.00	\$209.43
106079	Plastic Laminate Single Faced Library Shelving – 48" Tall, 3 Shelves (2 Adjustable) Plastic Laminate over Plywood core with up to 12" shelf depth	LF	\$27.54	\$196.86	\$0.00	\$224.40
106080	Plastic Laminate Single Faced Library Shelving – 60" Tall, 5 Shelves (4 Adjustable) Plastic Laminate over Plywood core with up to 12" shelf depth	LF	\$32.71	\$246.25	\$0.00	\$278.96
106081	Plastic Laminate Single Faced Library Shelving – 72" Tall, 5 Shelves (4 Adjustable) Plastic Laminate over Plywood core with up to 12" shelf depth	LF	\$32.71	\$256.88	\$0.00	\$289.59
106082	Plastic Laminate Single Faced Library Shelving – 82" Tall, 6 Shelves (5 Adjustable) Plastic Laminate over Plywood core with up to 12" shelf depth	LF	\$32.71	\$271.72	\$0.00	\$304.43
106083	Plastic Laminate Double Faced Library Shelving – 42" Tall, 3 Shelves Each Side (2 Adjustable Each Side) Plastic Laminate over Plywood core with up to 12" shelf depth each side	LF	\$32.71	\$290.00	\$0.00	\$322.71

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		Units	Labor	Material	Equipment	Total
106084	Plastic Laminate Double Faced Library Shelving – 48" Tall, 3 Shelves Each Side (2 Adjustable Each Side) Plastic Laminate over Plywood core with up to 12" shelf depth each side	LF	\$32.71	\$314.39	\$0.00	\$347.10
106085	Plastic Laminate Double Faced Library Shelving – 60" Tall, 5 Shelves Each Side (4 Adjustable Each Side) Plastic Laminate over Plywood core with up to 12" shelf depth each side	LF	\$40.25	\$394.80	\$0.00	\$435.05
106086	Plastic Laminate Double Faced Library Shelving – 72" Tall, 5 Shelves Each Side (4 Adjustable Each Side) Plastic Laminate over Plywood core with up to 12" shelf depth each side	LF	\$40.25	\$413.68	\$0.00	\$453.93
106087	Plastic Laminate Double Faced Library Shelving – 82" Tall, 6 Shelves Each Side (5 Adjustable Each Side) Plastic Laminate over Plywood core with up to 12" shelf depth each side	LF	\$40.25	\$450.36	\$0.00	\$490.61
106088	Metal Single Faced Library Shelving – 42" Tall, 3 Shelves (2 Adjustable) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth	LF	\$27.54	\$170.51	\$0.00	\$198.05
106089	Metal Single Faced Library Shelving – 48" Tall, 3 Shelves (2 Adjustable) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth	LF	\$27.54	\$184.56	\$0.00	\$212.10
106090	Metal Single Faced Library Shelving – 60" Tall, 5 Shelves (4 Adjustable) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth	LF	\$32.71	\$230.85	\$0.00	\$263.56
106091	Metal Single Faced Library Shelving – 72" Tall, 5 Shelves (4 Adjustable) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth	LF	\$32.71	\$240.83	\$0.00	\$273.54

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		Units	Labor	Material	Equipment	Total
106092	Metal Single Faced Library Shelving – 82" Tall, 6 Shelves (5 Adjustable) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth	LF	\$32.71	\$254.73	\$0.00	\$287.44
106093	Metal Double Faced Library Shelving – 42" Tall, 3 Shelves Each Side (2 Adjustable Each Side) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth each side	LF	\$32.71	\$271.87	\$0.00	\$304.58
106094	Metal Double Faced Library Shelving – 48" Tall, 3 Shelves Each Side (2 Adjustable Each Side) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth each side	LF	\$32.71	\$294.74	\$0.00	\$327.45
106095	Metal Double Faced Library Shelving – 60" Tall, 5 Shelves Each Side (4 Adjustable Each Side) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth each side	LF	\$40.25	\$370.12	\$0.00	\$410.37
106096	Metal Double Faced Library Shelving – 72" Tall, 5 Shelves Each Side (4 Adjustable Each Side) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth each side	LF	\$40.25	\$387.82	\$0.00	\$428.07
106097	Metal Double Faced Library Shelving – 82" Tall, 6 Shelves Each Side (5 Adjustable Each Side) Up to 16 gauge fully welded steel frame with powder coated finish or equal, with up to 12" shelf depth each side	LF	\$40.25	\$422.21	\$0.00	\$462.46
106098	Wood – Book Return Bin and Chute With Spring Loaded Security Door – Up To 20 Cubic Feet	EA	\$130.82	\$1,060.01	\$0.00	\$1,190.83
106099	Wood – Book Return Bin and Chute With Spring Loaded Security Door – Greater Than 20 Cubic Feet	EA	\$174.43	\$1,377.99	\$0.00	\$1,552.42
106100	Polycarbonate – Book Return Bin and Chute With Spring Loaded Security Door – Up To 20 Cubic Feet	EA	\$130.82	\$742.01	\$0.00	\$872.83

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		Units	Labor	Material	Equipment	Total
106101	Polycarbonate – Book Return Bin and Chute With Spring Loaded Security Door – Greater Than 20 Cubic Feet	EA	\$174.43	\$964.59	\$0.00	\$1,139.02
106102	Metal – Book Return Bin and Chute With Spring Loaded Security Door – Up To 20 Cubic Feet	EA	\$130.82	\$954.00	\$0.00	\$1,084.82
106103	Metal – Book Return Bin and Chute With Spring Loaded Security Door – Greater Than 20 Cubic Feet	EA	\$174.43	\$1,240.20	\$0.00	\$1,414.63

11-52-00 Audio-Visual Equipment

11-52-13 Projection Screens

106104	Projection Screen Manual – Video Format Includes all hardware & hanging brackets	SF	\$3.76	\$21.20	\$0.00	\$24.96
106105	Projection Screen Manual – HD Format Includes all hardware & hanging brackets	SF	\$3.76	\$26.50	\$0.00	\$30.26
106106	Projection Screen Manual – Widescreen Format Includes all hardware & hanging brackets	SF	\$3.76	\$21.20	\$0.00	\$24.96
106107	Projection Screen Automatic – Video Format Includes controllers and all hardware & hanging brackets	SF	\$4.51	\$33.92	\$0.00	\$38.43
106108	Projection Screen Automatic – HD Format Includes controllers and all hardware & hanging brackets	SF	\$4.51	\$42.40	\$0.00	\$46.91
106109	Projection Screen Automatic – Widescreen Format Includes controllers and all hardware & hanging brackets	SF	\$4.51	\$33.92	\$0.00	\$38.43

11-53-00 Laboratory Equipment

11-53-13 Laboratory Fume Hoods

106110	4' Fume Hood With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$1,046.60	\$10,821.54	\$0.00	\$11,868.14
106111	5' Fume Hood With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$1,308.25	\$11,638.80	\$0.00	\$12,947.05
106112	6' Fume Hood With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$1,744.33	\$12,683.96	\$0.00	\$14,428.29
106113	8' Fume Hoods With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$1,744.33	\$15,570.34	\$0.00	\$17,314.67

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		Units	Labor	Material	Equipment	Total
106114	4' Walk-In Fume Hood With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$2,093.21	\$14,602.56	\$0.00	\$16,695.77
106115	6' Walk-In Fume Hood With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$3,270.63	\$19,487.04	\$0.00	\$22,757.67
106116	8' Walk-In Fume Hood With Cup Sink, CW, CA, N2, G and Shroud Enclosure To Ceiling Mott Manufacturing or equal	EA	\$4,360.85	\$25,044.62	\$0.00	\$29,405.47
106117	Laboratory Snorkel Fume Extraction Arm – Up To 7' Arm Length Nederman or equal	EA	\$299.03	\$1,855.00	\$0.00	\$2,154.03
106118	Laboratory Snorkel Fume Extraction Arm – Up To 10' Arm Length Nederman or equal	EA	\$299.03	\$2,014.00	\$0.00	\$2,313.03
106119	Laboratory Snorkel Fume Extraction Arm – Up To 14' Arm Length Nederman or equal	EA	\$299.03	\$2,438.00	\$0.00	\$2,737.03
11-53-16 Laboratory Incubators						
106120	Laboratory Incubator – Up To 2.5 Cubic Foot Capacity – Coated Steel Thermo Fisher Scientific or equal	EA	\$523.30	\$4,664.00	\$0.00	\$5,187.30
106121	Laboratory Incubator – Up To 3.7 Cubic Foot Capacity – Coated Steel Thermo Fisher Scientific or equal	EA	\$523.30	\$5,300.00	\$0.00	\$5,823.30
106122	Laboratory Incubator – Up To 6.3 Cubic Foot Capacity – Coated Steel Thermo Fisher Scientific or equal	EA	\$523.30	\$5,724.00	\$0.00	\$6,247.30
106123	Laboratory Incubator – Up To 13.5 Cubic Foot Capacity – Coated Steel Thermo Fisher Scientific or equal	EA	\$697.74	\$10,600.00	\$0.00	\$11,297.74
106124	Laboratory Incubator – Up To 25 Cubic Foot Capacity – Coated Steel Thermo Fisher Scientific or equal	EA	\$697.74	\$13,567.99	\$0.00	\$14,265.73
106125	Laboratory Incubator – Up To 2.5 Cubic Foot Capacity – Stainless Steel Thermo Fisher Scientific or equal	EA	\$523.30	\$4,943.84	\$0.00	\$5,467.14
106126	Laboratory Incubator – Up To 3.7 Cubic Foot Capacity – Stainless Steel Thermo Fisher Scientific or equal	EA	\$523.30	\$5,618.01	\$0.00	\$6,141.31
106127	Laboratory Incubator – Up To 6.3 Cubic Foot Capacity – Stainless Steel Thermo Fisher Scientific or equal	EA	\$523.30	\$6,067.44	\$0.00	\$6,590.74

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		Units	Labor	Material	Equipment	Total
106128	Laboratory Incubator – Up To 13.5 Cubic Foot Capacity – Stainless Steel Thermo Fisher Scientific or equal	EA	\$697.74	\$11,236.00	\$0.00	\$11,933.74
106129	Laboratory Incubator – Up To 25 Cubic Foot Capacity – Stainless Steel Thermo Fisher Scientific or equal	EA	\$697.74	\$14,382.08	\$0.00	\$15,079.82
11-53-17 Laboratory Equipment Washers						
106130	Cage and Rack Washer (Standard) – Up To 46" Door and 8' Chamber LYNX Product Group or equal - Stainless Steel	EA	\$16,036.75	\$176,490.00	\$0.00	\$192,526.75
106131	Cage and Rack Washer (Large) – Up To 46" Door and 16' Chamber LYNX Product Group or equal - Stainless Steel	EA	\$21,671.31	\$238,500.00	\$0.00	\$260,171.31
106132	Tunnel Washer – 30" Belt, 25' Long (Standard) LYNX Product Group or equal - Stainless Steel	EA	\$19,401.05	\$233,200.00	\$0.00	\$252,601.05
106133	Tunnel Washer – 30" Belt, 25' Long (Premium) LYNX Product Group or equal - Stainless Steel	EA	\$20,639.36	\$260,760.00	\$0.00	\$281,399.36
106134	Tunnel Washer – 36" Belt, 25' Long (Standard) LYNX Product Group or equal - Stainless Steel	EA	\$20,370.96	\$240,090.00	\$0.00	\$260,460.96
106135	Tunnel Washer – 36" Belt, 25' Long (Premium) LYNX Product Group or equal - Stainless Steel	EA	\$21,671.31	\$267,650.00	\$0.00	\$289,321.31
106136	Tunnel Washer – 42" Belt, 25' Long (Standard) LYNX Product Group or equal - Stainless Steel	EA	\$22,634.51	\$246,980.01	\$0.00	\$269,614.52
106137	Tunnel Washer – 42" Belt, 25' Long (Premium) LYNX Product Group or equal - Stainless Steel	EA	\$24,079.18	\$274,540.00	\$0.00	\$298,619.18
106138	Laboratory Glass Washer – Undercounter Labconco or equal	EA	\$615.65	\$15,370.01	\$0.00	\$15,985.66
106139	Laboratory Glass Washer – Freestanding Up To 40" Hight Labconco or equal	EA	\$872.17	\$19,610.00	\$0.00	\$20,482.17
106140	Laboratory Glass Washer – Freestanding Stacked Up To 72" Hight SP Scientific or equal	EA	\$872.17	\$21,199.99	\$0.00	\$22,072.16
106141	Water Polishing Station Labconco or equal	EA	\$261.65	\$9,540.00	\$0.00	\$9,801.65
106142	Water Purification Station Labconco or equal	EA	\$261.65	\$9,009.99	\$0.00	\$9,271.64
11-53-19 Laboratory Sterilizers						

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		Units	Labor	Material	Equipment	Total
106143	Autoclave – Benchtop – Up To 1.1 Gallon Capacity Thermo Fisher Scientific or equal	EA	\$261.65	\$8,268.00	\$0.00	\$8,529.65
106144	Autoclave – Freestanding – Up To 13.2 Gallon Capacity Kinematica or equal	EA	\$697.74	\$25,439.99	\$0.00	\$26,137.73
106145	Autoclave – Freestanding – Up To 22 Gallon Capacity Kinematica or equal	EA	\$697.74	\$32,860.00	\$0.00	\$33,557.74
106146	Sterilizer – Benchtop – Up To 6 Gallon Capacity Heidolph or equal	EA	\$299.03	\$12,508.00	\$0.00	\$12,807.03
106147	Sterilizer – Benchtop – Up To 17 Gallon Capacity Heidolph or equal	EA	\$261.65	\$20,882.01	\$0.00	\$21,143.66
106148	Sterilizer – Benchtop – Up To 22 Gallon Capacity Heidolph or equal	EA	\$348.86	\$38,160.00	\$0.00	\$38,508.86
106149	Sterilizer – Freestanding – Up To 16" X 16" X 26" Chamber Size Steris AMSCO or equal	EA	\$1,308.25	\$94,388.58	\$0.00	\$95,696.83
106150	Sterilizer – Freestanding – Up To 20" X 20" X 38" Chamber Size Steris AMSCO or equal	EA	\$1,308.25	\$111,045.39	\$0.00	\$112,353.64
106151	Sterilizer – Freestanding – Up To 37" X 85" X 85" Chamber Size Steris AMSCO or equal	EA	\$4,360.85	\$283,197.37	\$0.00	\$287,558.22
11-53-23 Laboratory Refrigerators						
106152	Scientific Refrigerator – Benchtop – Up To 2 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$261.65	\$3,074.00	\$0.00	\$3,335.65
106153	Scientific Refrigerator – Undercounter – Up To 6 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$299.03	\$3,815.99	\$0.00	\$4,115.02
106154	Scientific Refrigerator – Freestanding – Up To 46 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$697.74	\$12,826.00	\$0.00	\$13,523.74
106155	Scientific Refrigerator – Freestanding – Up To 80 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$697.74	\$18,020.00	\$0.00	\$18,717.74
11-53-26 Laboratory Freezers						
106156	Scientific Freezer – Benchtop – Up To 1 Cubic Foot Capacity Labconco or equal	EA	\$261.65	\$7,102.00	\$0.00	\$7,363.65
106157	Scientific Freezer – Undercounter – Up To 5 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$299.03	\$7,950.00	\$0.00	\$8,249.03
106158	Scientific Freezer – Freestanding (General Purpose) – Up To 20 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$697.74	\$10,812.01	\$0.00	\$11,509.75
106159	Scientific Freezer – Freestanding (General Purpose) – Up To 35 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$697.74	\$14,055.59	\$0.00	\$14,753.33

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		Units	Labor	Material	Equipment	Total
106160	Scientific Freezer – Freestanding (Ultra-Low Temperature) – Up To 20 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$697.74	\$24,168.00	\$0.00	\$24,865.74
106161	Scientific Freezer – Freestanding (Ultra-Low Temperature) – Up To 35 Cubic Foot Capacity Thermo Fisher Scientific or equal	EA	\$697.74	\$31,270.00	\$0.00	\$31,967.74
11-53-29 Laboratory Controlled-Environment Cabinets						
<i>Units include all refrigeration, dehumidification, heating equipment, and controls. All lighting, up to 4" Urethane filled Aluminum walls and ceilings (or equal), doors with all hardware, screed plastic, supports, blocking, and fasteners, for a complete Controlled Environment Room system.</i>						
106162	Scientific Warm Room – Up To 100 SF – With Integral Condensing Unit BioCold or equal	SF	\$108.35	\$553.85	\$0.00	\$662.20
106163	Scientific Warm Room – Greater Than 100 SF – With Integral Condensing Unit BioCold or equal	SF	\$108.35	\$465.23	\$0.00	\$573.58
106164	Scientific Warm Room – Up To 100 SF – With Remote Condensing Unit BioCold or equal	SF	\$108.35	\$670.45	\$0.00	\$778.80
106165	Scientific Warm Room – Greater Than 100 SF – With Remote Condensing Unit BioCold or equal	SF	\$108.35	\$581.83	\$0.00	\$690.18
106166	Scientific Cold Room – Up To 100 SF – With Integral Condensing Unit BioCold or equal	SF	\$108.35	\$583.00	\$0.00	\$691.35
106167	Scientific Cold Room – Greater Than 100 SF – With Integral Condensing Unit BioCold or equal	SF	\$108.35	\$489.72	\$0.00	\$598.07
106168	Scientific Cold Room – Up To 100 SF – With Remote Condensing Unit BioCold or equal	SF	\$108.35	\$699.60	\$0.00	\$807.95
106169	Scientific Cold Room – Greater Than 100 SF – With Remote Condensing Unit BioCold or equal	SF	\$108.35	\$606.32	\$0.00	\$714.67
106170	Scientific Dry Room – Up To 100 SF – With Integral Condensing Unit BioCold or equal	SF	\$108.35	\$670.45	\$0.00	\$778.80
106171	Scientific Dry Room – Greater Than 100 SF – With Integral Condensing Unit BioCold or equal	SF	\$108.35	\$563.18	\$0.00	\$671.53
106172	Scientific Dry Room – Up To 100 SF – With Remote Condensing Unit BioCold or equal	SF	\$108.35	\$787.05	\$0.00	\$895.40
106173	Scientific Dry Room – Greater Than 100 SF – With Remote Condensing Unit BioCold or equal	SF	\$108.35	\$679.78	\$0.00	\$788.13

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		Units	Labor	Material	Equipment	Total
11-53-43	Service Fittings and Accessories					
106174	Pegboard Drying Rack – Up To 72 Peg Capacity	EA	\$65.41	\$318.00	\$0.00	\$383.41
106175	Gas Cylinder Restraint Racks – 1 Cylinder Capacity	EA	\$65.41	\$445.20	\$0.00	\$510.61
106176	Gas Cylinder Restraint Racks – 2 Cylinder Capacity	EA	\$65.41	\$657.20	\$0.00	\$722.61
106177	Gas Cylinder Restraint Racks – 3 Cylinder Capacity	EA	\$74.76	\$773.80	\$0.00	\$848.56
106178	Gas Cylinder Restraint Racks – 4 Cylinder Capacity	EA	\$74.76	\$985.81	\$0.00	\$1,060.57
106179	Gas Cylinder Exhaust Cabinet – 1 Cylinder Capacity	EA	\$87.22	\$1,404.50	\$0.00	\$1,491.72
106180	Gas Cylinder Exhaust Cabinet – 2 Cylinder Capacity	EA	\$87.22	\$2,072.30	\$0.00	\$2,159.52
106181	Gas Cylinder Exhaust Cabinet – 3 Cylinder Capacity	EA	\$104.66	\$2,438.00	\$0.00	\$2,542.66
106182	Gas Cylinder Exhaust Cabinet – 4 Cylinder Capacity	EA	\$104.66	\$3,105.80	\$0.00	\$3,210.46
106183	Sharps Receptacle	EA	\$32.71	\$53.00	\$0.00	\$85.71
106184	PPE Cabinet – Up To 2' X 2'	EA	\$32.71	\$397.50	\$0.00	\$430.21
106185	Overhead Service Carrier – Up To 24" Wide and Hangs Below Ceiling For Power, Data, and Plumbing connections	LF	\$104.66	\$532.12	\$0.00	\$636.78
106186	Ceiling Service Panel – Up To 8" Wide and Fits In Ceiling Grid For Power, Data, and Plumbing connections	LF	\$21.80	\$185.50	\$0.00	\$207.30
106187	Ceiling Service Panel – Up To 2' X 2' and Fits In Ceiling Grid For Power, Data, and Plumbing connections	EA	\$130.82	\$476.99	\$0.00	\$607.81
106188	Service Chase Umbilical – Metal Up To 3' Wide X 1' Deep X 12' Tall Factory pre-plumbed and pre-wired	LF	\$523.30	\$1,711.90	\$0.00	\$2,235.20
106189	Service Chase Umbilical – Wood Up To 3' Wide X 1' Deep X 12' Tall Factory pre-plumbed and pre-wired	LF	\$523.30	\$1,802.00	\$0.00	\$2,325.30
106190	Service Chase Umbilical – Stainless Steel Up To 3' Wide X 1' Deep X 12' Tall Factory pre-plumbed and pre-wired	LF	\$523.30	\$3,243.60	\$0.00	\$3,766.90
106191	Service Chase Umbilical – Plastic Laminate Up To 3' Wide X 1' Deep X 12' Tall Factory pre-plumbed and pre-wired	LF	\$523.30	\$1,441.60	\$0.00	\$1,964.90
106192	Downdraft Necropsy Table – Up To 2' Wide X 4' Long TBJ Incorporated or equal	EA	\$348.86	\$9,540.00	\$0.00	\$9,888.86
106193	Animal Bedding Disposal Station Geneva Scientific or equal	EA	\$1,046.60	\$8,480.00	\$0.00	\$9,526.60

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		Units	Labor	Material	Equipment	Total
106194	Animal Bedding Dispenser Geneva Scientific or equal	EA	\$1,046.60	\$41,340.00	\$0.00	\$42,386.60
106195	Vivarium – Automated Animal Watering System Edstrom Industries or equal	EA	\$26,165.00	\$153,700.00	\$0.00	\$179,865.00
106196	Vivarium – Monitoring and Control Software Edstrom Industries or equal	EA	\$4,360.85	\$47,699.99	\$0.00	\$52,060.84
106197	Atmosphere Glove Box – Up To 6' Wide Labconco or equal	EA	\$1,308.25	\$31,588.00	\$0.00	\$32,896.25
106198	Atmosphere Glove Box – Up To 9' Wide Labconco or equal	EA	\$1,744.33	\$63,600.00	\$0.00	\$65,344.33
106199	Filtered Glove Box – Up To 9' Wide Labconco or equal	EA	\$1,744.33	\$61,480.00	\$0.00	\$63,224.33
106200	Combination Glove Box – Up To 6' Wide With Fiberglass Liner Labconco or equal	EA	\$1,308.25	\$41,552.00	\$0.00	\$42,860.25
106201	Combination Glove Box – Up To 6' Wide With Stainless Steel Liner Labconco or equal	EA	\$1,308.25	\$47,488.00	\$0.00	\$48,796.25
11-53-53 Biological Safety Cabinets						
106202	4' Bio-Safety Cabinet – Class II Type A2 Labconco or equal	EA	\$1,046.60	\$10,383.76	\$0.00	\$11,430.36
106203	6' Bio-Safety Cabinet – Class II Type A2 Labconco or equal	EA	\$1,308.25	\$13,394.16	\$0.00	\$14,702.41
106204	8' Bio-Safety Cabinet – Class II Type A2 Labconco or equal	EA	\$1,744.33	\$16,072.99	\$0.00	\$17,817.32
106205	4' Bio-Safety Cabinet – Class II Type B2 Labconco or equal	EA	\$1,046.60	\$11,422.14	\$0.00	\$12,468.74
106206	6' Bio-Safety Cabinet – Class II Type B2 Labconco or equal	EA	\$1,744.33	\$14,733.58	\$0.00	\$16,477.91
106207	8' Bio-Safety Cabinet – Class II Type B2 Labconco or equal	EA	\$1,744.33	\$17,680.29	\$0.00	\$19,424.62
106208	4' Laminar Flow Hood Air Clean Systems, Vertical Flow hood or equal	EA	\$1,046.60	\$7,051.12	\$0.00	\$8,097.72
106209	6' Laminar Flow Hood Germfree, Horizontal Flow hood or equal	EA	\$1,308.25	\$8,547.84	\$0.00	\$9,856.09
106210	8' Laminar Flow Hood Germfree, Horizontal Flow hood or equal	EA	\$1,744.33	\$10,257.41	\$0.00	\$12,001.74
11-55-00 Planetarium Equipment						
11-55-13 Planetarium Projectors						
106211	Planetarium Projector and Console	LS	\$31,070.01	\$250,425.00	\$0.00	\$281,495.01
106212	Planetarium Special Effects Lighting	LS	\$17,923.56	\$17,490.00	\$0.00	\$35,413.56
106213	30' Diameter Planetarium Screen	LS	\$7,398.11	\$63,600.00	\$0.00	\$70,998.11

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		Units	Labor	Material	Equipment	Total
106214	Planetarium General Room Lighting, Console, Sound and Play Back System	LS	\$11,950.63	\$52,364.00	\$0.00	\$64,314.63
11-60-00 Entertainment and Recreation Equipment						
11-61-00 Broadcast, Theater, and Stage Equipment						
11-61-33 Rigging Systems and Controls						
106215	Stage Rigging Includes all steel fabrication, connections, shop priming and painting, miscellaneous metal attached to substrate structural system.	LB	\$3.01	\$10.61	\$0.00	\$13.62
106216	Stage Rigging and Equipment Controls Includes all wiring, cabling, conduit and hook-ups. Includes all steel fabrication, connections, shop priming and painting, miscellaneous metal attached to substrate structural system.	SF	\$30.07	\$424.00	\$0.00	\$454.07
106217	Stage Curtains and Track Includes track and metals to hang track from rigging system or directly to structure.	SF	\$3.01	\$16.96	\$0.00	\$19.97
106218	Stage Curtains and Track – Fire Rated Curtain Includes track and metals to hang track from rigging system or directly to structure.	SF	\$3.61	\$38.15	\$0.00	\$41.76
106219	Photo Light / Camera Track	EA	\$451.13	\$3,180.01	\$0.00	\$3,631.14
11-66-00 Athletic Equipment						
11-66-23 Gymnasium Equipment						
106220	Gym Wall Padding – Up To 2" Thick, 14 Ounce Vinyl Includes backerboard attached to substrate and pre-fabricated corners.	SF	\$1.81	\$8.11	\$0.00	\$9.92
106221	Gym Wall Padding – Up To 2" Thick, 18 Ounce Vinyl Includes backerboard attached to substrate and pre-fabricated corners.	SF	\$1.81	\$9.01	\$0.00	\$10.82
106222	Gym Wall Padding – Up To 3" Thick, 14 Ounce Vinyl Includes backerboard attached to substrate and pre-fabricated corners.	SF	\$1.81	\$10.14	\$0.00	\$11.95
106223	Gym Wall Padding – Up To 3" Thick, 18 Ounce Vinyl Includes backerboard attached to substrate and pre-fabricated corners.	SF	\$1.81	\$11.26	\$0.00	\$13.07
106224	Basketball Backstop – Manual Includes hanging backstop from structure above	EA	\$1,804.55	\$4,664.00	\$0.00	\$6,468.55
106225	Basketball Backstop – Electric Includes hanging backstop from structure above	EA	\$1,804.55	\$5,830.00	\$0.00	\$7,634.55

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		Units	Labor	Material	Equipment	Total
106226	Ceiling Mounted Batting / Pitching Cage Includes motor, cables, nylon netting	EA	\$1,804.55	\$9,505.10	\$0.00	\$11,309.65
106227	Volleyball Set With Posts and Floor Sockets	EA	\$902.28	\$3,710.00	\$0.00	\$4,612.28
106228	Badminton Set With Posts and Floor Sockets	EA	\$902.28	\$3,180.01	\$0.00	\$4,082.29
106229	Tennis Net With Posts and Floor Sockets	EA	\$902.28	\$2,650.00	\$0.00	\$3,552.28
106230	Tennis / Volleyball / Badminton Judges Stand – Fixed With Floor Sockets	EA	\$225.57	\$1,060.01	\$0.00	\$1,285.58
106231	Tennis / Volleyball / Badminton Judges Stand – Portable	EA	\$150.37	\$530.00	\$0.00	\$680.37
106232	Ballet Bar – Hardwood Wall Mounted	LF	\$7.52	\$27.83	\$0.00	\$35.35
11-66-43 Interior Scoreboards						
<i>Includes all mounting brackets and hardware for a complete scoreboard installation</i>						
106233	Scoreboard – Up To 8' X 3' – Multi-Sport Nevco or equal. Includes controls	EA	\$902.28	\$4,240.00	\$0.00	\$5,142.28
106234	Scoreboard – Up To 10' X 3' – Multi-Sport Daktronics or equal. Includes controls	EA	\$1,288.97	\$11,702.40	\$0.00	\$12,991.37
106235	Scoreboard – Up To 14' X 4' – Multi-Sport Daktronics or equal. Includes controls	EA	\$2,653.75	\$25,439.99	\$0.00	\$28,093.74
106236	Scoreboard – Up To 18' X 6' – Multi-Sport Daktronics or equal. Includes controls	EA	\$2,819.60	\$39,220.00	\$0.00	\$42,039.60
106237	Scoreboard – Up To 18' X 8' – Multi-Sport Daktronics or equal. Includes controls	EA	\$3,007.58	\$48,760.00	\$0.00	\$51,767.58
106238	Scoreboard – Up To 32' X 8' – Multi-Sport Daktronics or equal. Includes controls	EA	\$6,444.82	\$116,600.00	\$0.00	\$123,044.82
106239	Scoreboard – Portable Three Sided, Up To 2.5' x 2' Each Side – Multi-Sport Daktronics or equal. Includes controls	EA	\$751.89	\$6,360.00	\$0.00	\$7,111.89
106240	Shot Clock – Single Sided Daktronics or equal. Includes controls	EA	\$300.76	\$1,060.01	\$0.00	\$1,360.77
106241	Shot Clock – Double Sided Daktronics or equal. Includes controls	EA	\$300.76	\$1,431.00	\$0.00	\$1,731.76
106242	Shot Clock – Three Sided Daktronics or equal. Includes controls	EA	\$347.02	\$1,802.00	\$0.00	\$2,149.02

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		Units	Labor	Material	Equipment	Total
106243	Videoboard – LED Video Display Wall Daktronics or equal. Includes controls	SF	\$48.15	\$1,123.25	\$0.00	\$1,171.40
106244	[Modifier] Scoreboard / Video Wall / Shot Clock Protective Cage	SF	\$8.20	\$26.50	\$0.00	\$34.70
11-66-53 Gymnasium Dividers						
106245	Gym Divider Curtain- Manual Mesh Curtain with Vinyl base. Horizontal Pull. Includes all tracks and supports to substructure	SF	\$1.41	\$4.24	\$0.00	\$5.65
106246	Gym Divider Curtain- Roll-Up Mesh Curtain with Vinyl Boarder. Roll-Up Includes all tracks, pulleys, cables and supports to substructure	SF	\$1.50	\$5.66	\$0.00	\$7.16
106247	Gym Curtain – Motorized Roll Up Mesh Curtain with Vinyl base. Roll-Up Includes all tracks, pulleys, cables, motor, controls and supports to substructure	SF	\$1.75	\$7.05	\$0.00	\$8.80
106248	Protective Athletic Netting – Manual Performance Sports Systems Walk-Draw Gymnasium Curtain or equal	SF	\$1.41	\$2.91	\$0.00	\$4.32
106249	Protective Athletic Netting – Automatic Performance Sports Systems Fold-Up Gymnasium Curtain or equal	SF	\$1.75	\$5.24	\$0.00	\$6.99
11-67-00 Recreational Equipment						
11-67-33 Climbing Walls						
106250	Climbing Wall SF = Climbing surface area	SF	\$36.21	\$53.00	\$0.00	\$89.21
11-68-00 Play Field Equipment and Structures						
11-68-17 Playground - Structured Platforms and Stairs						
<i>Includes all posts, hardware, brackets, structure, and direct bury post installation. For items where direct bury cannot be used refer to post foundations for playground equipment at the end of this section</i>						
106251	Elevated Playground Structure With Posts, Railings, and Barriers PlayBooster or equal. Can be used for the communicating walks which connect obstacles, ladders, stairs, slides, etc. to form a complete playground structure	SF	\$12.89	\$63.60	\$0.00	\$76.49
106252	Roof Playground Structure, With Posts, Railings, and Barriers PlayBooster or equal	SF	\$25.78	\$127.20	\$0.00	\$152.98
106253	Balcony Playground Structure With Railings and Barriers PlayBooster 111240 or equal	SF	\$16.05	\$79.50	\$0.00	\$95.55
106254	Stairs With Posts, Railings, and Barriers – Per Riser PlayBooster 152908 or equal	RI	\$118.40	\$585.12	\$0.00	\$703.52

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		Units	Labor	Material	Equipment	Total
106255	Post Foundation For Playground Equipment – Up To 1' Wide X 4' Deep Includes excavation, hauling, formwork, reinforcing, and concrete	EA	\$150.37	\$79.50	\$0.00	\$229.87
11-68-18 Playground - Ladders and Slides						
<i>Includes all posts, hardware, brackets, structure, and direct bury post installation. For items where direct bury cannot be used refer to post foundations for playground equipment at the end of this section</i>						
106256	Rollerslide – Up To 40" Deck Height PlayBooster 123333 or equal	EA	\$1,503.79	\$7,466.38	\$0.00	\$8,970.17
106257	Rollerslide – Up To 56" Deck Height PlayBooster 123333 or equal	EA	\$1,503.79	\$7,839.69	\$0.00	\$9,343.48
106258	Winding Slide – Up To 48" Deck Height PlayBooster 124863 or equal	EA	\$617.15	\$2,590.38	\$0.00	\$3,207.53
106259	Winding Slide – Up To 96" Deck Height PlayBooster 124863 or equal	EA	\$617.15	\$2,882.94	\$0.00	\$3,500.09
106260	Tunnel Slide – Up To 48" Deck Height PlayBooster 126368 or equal	EA	\$617.15	\$3,108.45	\$0.00	\$3,725.60
106261	Tunnel Slide – Up To 96" Deck Height PlayBooster 126368 or equal	EA	\$617.15	\$3,459.52	\$0.00	\$4,076.67
106262	Spiral Slide – Up To 56" Deck Height PlayBooster 122033 or equal	EA	\$1,187.20	\$5,863.39	\$0.00	\$7,050.59
106263	Spiral Slide – Up To 72" Deck Height PlayBooster 122033 or equal	EA	\$1,187.20	\$6,156.56	\$0.00	\$7,343.76
106264	Straight Slide – Up To 56" Deck Height Eclipse 201040 or equal	EA	\$617.15	\$2,460.86	\$0.00	\$3,078.01
106265	Straight Slide – Up To 72" Deck Height Eclipse 201040 or equal	EA	\$617.15	\$2,738.79	\$0.00	\$3,355.94
106266	Double Slide – Up To 56" Deck Height PlayShaper 132155 or equal	EA	\$617.15	\$2,035.73	\$0.00	\$2,652.88
106267	Double Slide – Up To 72" Deck Height PlayShaper 132155 or equal	EA	\$617.15	\$2,137.52	\$0.00	\$2,754.67
106268	Ladder – Permalene Up To 24" Deck Height PlayBooster 116247 or equal	EA	\$300.76	\$853.30	\$0.00	\$1,154.06
106269	Ladder – Permalene Up To 72" Deck Height PlayBooster 116247 or equal	EA	\$300.76	\$1,706.60	\$0.00	\$2,007.36
106270	Chain Ladder – Plastic Planks With Steel Chain and Handholds – Up To 48" Deck Height PlayBooster 169318 or equal	EA	\$353.83	\$1,481.08	\$0.00	\$1,834.91
106271	Chain Ladder – Plastic Planks With Steel Chain and Handholds – Up To 72" Deck Height PlayBooster 169318 or equal	EA	\$353.83	\$1,629.19	\$0.00	\$1,983.02

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		Units	Labor	Material	Equipment	Total
11-68-19 Playground - Obstacles						
<i>Includes all posts, hardware, brackets, structure, and direct bury post installation. For items where direct bury cannot be used refer to post foundations for playground equipment at the end of this section</i>						
106272	Firepole With Handholds – Up To 72" Deck Height PlayBooster 169317 or equal	EA	\$451.13	\$1,487.18	\$0.00	\$1,938.31
106273	Curved Climber With Cables and Handholds – Up To 72" Deck Height PlayBooster 202625 or equal	EA	\$1,127.84	\$5,515.98	\$0.00	\$6,643.82
106274	Net Tunnel Climber With Cables and Handholds PlayBooster 203845 or equal	EA	\$1,253.16	\$6,107.19	\$0.00	\$7,360.35
106275	Bridge Climber With Cables and Handholds PlayBooster 200609 or equal	EA	\$1,670.88	\$8,142.92	\$0.00	\$9,813.80
106276	Curved Crawling Tunnel – Up To 8' Span PlayBooster 117088 or equal	EA	\$1,100.33	\$5,394.08	\$0.00	\$6,494.41
106277	Block Climber – Up To 40" Deck Height With Railings and Handholds PlayBooster 135547 or equal	EA	\$601.52	\$2,468.48	\$0.00	\$3,070.00
106278	Curved Plastic Rung Climber With Handholds – Up To 48" Deck Height PlayBooster 132023 or equal	EA	\$601.52	\$2,407.52	\$0.00	\$3,009.04
106279	High Wire Bridge With Cables, Handholds, and One Rock Formation Landing PlayBooster 207852 or equal	EA	\$1,455.28	\$7,204.29	\$0.00	\$8,659.57
106280	Arch Bridge With Railings – Up To 11' Span PlayBooster 143677 or equal	EA	\$884.58	\$4,400.59	\$0.00	\$5,285.17
106281	Rubber Belt Bridge With Railings – Up To 8' Span PlayBooster 120310 or equal	EA	\$780.52	\$3,297.40	\$0.00	\$4,077.92
106282	Log Stepper With Handholds – Four Steps PlayBooster 169320 or equal	EA	\$1,288.97	\$6,448.51	\$0.00	\$7,737.48
106283	Walking Ramp With Railings – Up To 10' Span PlayBooster 152443 or equal	EA	\$816.53	\$3,443.68	\$0.00	\$4,260.21
106284	Wheelchair Accessible ADA Walking Ramp With Railings – Up To 10' Span PlayBooster 156232 or equal	EA	\$851.21	\$4,168.98	\$0.00	\$5,020.19
11-68-20 Playground - Stand Alone Items						
<i>Includes all posts, hardware, brackets, structure, and direct bury post installation. For items where direct bury cannot be used refer to post foundations for playground equipment at the end of this section</i>						
106285	Ring Climber With Cables and Handholds PlayBooster 184605 or equal	EA	\$601.52	\$1,637.70	\$0.00	\$2,239.22
106286	Tree Climber With Aluminum Posts and Roof PlayBooster 169322 or equal	EA	\$4,101.24	\$19,564.95	\$0.00	\$23,666.19
106287	Pod Climber – Up To 30" Tall PlayBooster 158997 or equal	EA	\$180.46	\$286.20	\$0.00	\$466.66

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		Units	Labor	Material	Equipment	Total
106288	Knot Bridge With Handholds and Grab Bars PlayBooster 193171 or equal	EA	\$1,288.97	\$6,436.32	\$0.00	\$7,725.29
106289	Tight Rope Bridge Handholds and Grab Bars PlayBooster 193173 or equal	EA	\$902.28	\$2,029.64	\$0.00	\$2,931.92
106290	Steering Wheel PlayBooster or equal	EA	\$56.40	\$213.32	\$0.00	\$269.72
106291	Tic-Tack-Toe Panel PlayBooster 115231 or equal	EA	\$300.76	\$1,438.42	\$0.00	\$1,739.18
106292	Bell Ringing Panel PlayBooster 164149 or equal	EA	\$300.76	\$908.16	\$0.00	\$1,208.92
106293	Maze Panel PlayBooster 127440 or equal	EA	\$300.76	\$475.41	\$0.00	\$776.17
106294	Drum Panel PlayBooster 164147 or equal	EA	\$300.76	\$835.02	\$0.00	\$1,135.78
106295	Balance Board PlayBooster 193176 or equal	EA	\$510.34	\$2,151.54	\$0.00	\$2,661.88
106296	Play Seat PlayBooster 120818 or equal	EA	\$90.23	\$378.43	\$0.00	\$468.66
106297	Ring Pull-Ups PlayBooster 130873 or equal	EA	\$300.76	\$646.07	\$0.00	\$946.83
106298	Talk Tube With Up To 40' Tubing Kit PlayBooster 111363 or equal	EA	\$300.76	\$597.31	\$0.00	\$898.07
106299	Play Tower – With Platforms, Ladders, Roof, Railings, Barriers, and Slides PlayBooster 185296 or equal	EA	\$5,639.21	\$27,195.89	\$0.00	\$32,835.10
106300	Roller Table PlayBooster 176457 or equal	EA	\$2,374.40	\$11,641.45	\$0.00	\$14,015.85
106301	Spring Rider PlayBooster 164074 or equal	EA	\$300.76	\$1,272.00	\$0.00	\$1,572.76
106302	Play Spinner – Overhead PlayBooster 185927 or equal	EA	\$1,127.84	\$3,297.40	\$0.00	\$4,425.24
106303	Play Spinner – On-Grade PlayBooster 173591 or equal	EA	\$1,503.79	\$8,094.16	\$0.00	\$9,597.95
106304	Seesaw – Two Person PlayBooster 186490 or equal	EA	\$1,127.84	\$6,301.01	\$0.00	\$7,428.85
106305	Seesaw – Four Person PlayBooster 186490 or equal	EA	\$1,503.79	\$10,501.68	\$0.00	\$12,005.47
106306	Zip Line Two Way – Up To 40' Long PlayBooster 194663 or equal	EA	\$2,374.40	\$11,781.64	\$0.00	\$14,156.04
106307	Swing Frame – Up To 10' Beam Height – Per Swing PlayBooster 221292 or equal	EA	\$451.13	\$1,272.00	\$0.00	\$1,723.13
106308	Swing Frame Toddler – Per Swing PlayBooster 177336 or equal	EA	\$360.90	\$575.98	\$0.00	\$936.88
106309	Swing – Belt Seat With Chains – Per Swing PlayBooster 174018 or equal	EA	\$25.93	\$128.04	\$0.00	\$153.97
106310	Swing – Bucket Seat With Harness and Chains – Per Swing PlayBooster 177351 or equal	EA	\$170.40	\$841.22	\$0.00	\$1,011.62
106311	Swing – Toddler Seat With Harness and Chains – Per Swing PlayBooster 176038 or equal	EA	\$61.72	\$305.29	\$0.00	\$367.01

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		Units	Labor	Material	Equipment	Total
106312	Swing – Tire Swing With Frame – Per Swing PlayBooster 120891 or equal	EA	\$805.60	\$3,967.84	\$0.00	\$4,773.44
106313	Post Foundation For Playground Equipment – Up To 1' Wide X 4' Deep Includes excavation, hauling, formwork, reinforcing, and concrete	EA	\$150.37	\$79.50	\$0.00	\$229.87
11-68-21	Playground - Shade Structures					
106314	Playground Shade Structure – PTFE Or Equal Includes all posts and framing	SF	\$25.76	\$47.70	\$0.00	\$73.46
106315	Playground Shade Structure – PVC Or Equal Includes all posts and framing	SF	\$24.05	\$44.52	\$0.00	\$68.57
106316	Playground Shade Structure – HDPE Or Equal Includes all posts and framing	SF	\$20.61	\$38.15	\$0.00	\$58.76
106317	[Modifier] Quantity Premium - Playground - Shade Structures (101-500 SF) Quantity premium can be used when total square footage in section 11-68-21 Playground - Shade Structures are within stated quantities. Can be applied cumulatively to base line items.	SF	\$1.81	\$0.00	\$0.00	\$1.81
106318	[Modifier] Quantity Premium - Playground - Shade Structures (51-100 SF) Quantity premium can be used when total square footage in section 11-68-21 Playground - Shade Structures are within stated quantities. Can be applied cumulatively to base line items.	SF	\$4.51	\$0.00	\$0.00	\$4.51
106319	[Modifier] Quantity Premium - Playground - Shade Structures (< Or = To 50 SF) Quantity premium can be used when total square footage in section 11-68-21 Playground - Shade Structures are within stated quantities. Can be applied cumulatively to base line items.	SF	\$9.03	\$0.00	\$0.00	\$9.03
11-68-33	Athletic Field Equipment					
106320	Baseball Backstops Includes Foundations	EA	\$3,007.58	\$19,080.00	\$0.00	\$22,087.58
106321	Baseball Bases – Set Of Three Includes ground anchors	EA	\$128.89	\$318.00	\$0.00	\$446.89
106322	Baseball Home Plate	EA	\$45.11	\$127.20	\$0.00	\$172.31
106323	Baseball Pitchers Rubber	EA	\$45.11	\$111.29	\$0.00	\$156.40
106324	Softball Backstops Includes Foundations	EA	\$2,819.60	\$16,960.00	\$0.00	\$19,779.60
106325	Softball Bases – Set Of Three Includes ground anchors	EA	\$128.89	\$318.00	\$0.00	\$446.89
106326	Softball Home Plate	EA	\$45.11	\$127.20	\$0.00	\$172.31
106327	Softball Pitchers Rubber	EA	\$45.11	\$111.29	\$0.00	\$156.40

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		Units	Labor	Material	Equipment	Total
106328	Baseball / Softball Foul Pole Includes Foundations	EA	\$902.28	\$3,286.00	\$0.00	\$4,188.28
106329	Discus / Hammer / Shot Put Cage (Fixed) Includes Foundations	EA	\$3,792.98	\$22,260.00	\$0.00	\$26,052.98
106330	Discus / Hammer / Shot Put Cage (Portable)	EA	\$2,370.61	\$21,199.99	\$0.00	\$23,570.60
106331	Discus / Hammer / Shot Put Throwing Platform	EA	\$225.57	\$4,452.00	\$0.00	\$4,677.57
106332	Discus / Hammer / Shot Put Toe Board	EA	\$150.37	\$795.00	\$0.00	\$945.37
106333	Pole Vault Box	EA	\$180.46	\$1,060.01	\$0.00	\$1,240.47
106334	Steeplechase Water Pit Includes excavation, hauling, concrete, reinforcement, formwork, and prefabricated pit system	EA	\$3,759.48	\$18,020.00	\$0.00	\$21,779.48
106335	Steeplechase Water Jump Barrier (Fixed)	EA	\$451.13	\$9,540.00	\$0.00	\$9,991.13
106336	Soccer Goal With Net	EA	\$451.13	\$2,120.00	\$0.00	\$2,571.13
106337	Football Goal Posts – H-Shape Includes Foundations	EA	\$902.28	\$3,445.00	\$0.00	\$4,347.28
106338	Football Goal Posts – Y-Shape Includes Foundations	EA	\$902.28	\$4,240.00	\$0.00	\$5,142.28
106339	Protective Athletic Netting Exterior – Manual Includes posts, netting, crank, and flags	SF	\$1.29	\$3.18	\$0.00	\$4.47
106340	Protective Athletic Netting Exterior – Automatic Includes posts, netting, pullies, controls, and flags	SF	\$1.51	\$5.30	\$0.00	\$6.81
106341	Multi-Sport Team Benches – Aluminum (Fixed)	LF	\$22.55	\$47.70	\$0.00	\$70.25
106342	Multi-Sport Team Benches – Aluminum (Portable)	LF	\$15.04	\$54.86	\$0.00	\$69.90
11-68-43 Exterior Scoreboards						
106343	Scoreboard – Up To 8' X 3' – Multi-Sport – Exterior Nevco or equal. Includes controls, up to 25' steel mounting poles with foundations	EA	\$1,761.12	\$5,830.00	\$0.00	\$7,591.12
106344	Scoreboard – Up To 10' X 3' – Multi-Sport – Exterior Daktronics or equal. Includes controls, up to 25' steel mounting poles with foundations	EA	\$2,147.13	\$13,292.40	\$0.00	\$15,439.53
106345	Scoreboard – Up To 14' X 4' – Multi-Sport – Exterior Daktronics or equal. Includes controls, up to 25' steel mounting poles with foundations	EA	\$3,512.59	\$27,030.00	\$0.00	\$30,542.59
106346	Scoreboard – Up To 18' X 6' – Multi-Sport – Exterior Daktronics or equal. Includes controls, up to 25' steel mounting poles with foundations	EA	\$3,678.46	\$41,870.00	\$0.00	\$45,548.46

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		Units	Labor	Material	Equipment	Total
106347	Scoreboard – Up To 18' X 8' – Multi-Sport – Exterior Daktronics or equal. Includes controls, up to 25' steel mounting poles with foundations	EA	\$3,866.44	\$51,410.00	\$0.00	\$55,276.44
106348	Scoreboard – Up To 32' X 8' – Multi-Sport – Exterior Daktronics or equal. Includes controls, up to 25' steel mounting poles with foundations	EA	\$7,303.66	\$119,250.00	\$0.00	\$126,553.66
106349	Videoboard – LED Video Display Wall – Exterior Daktronics or equal. Includes controls, up to 25' steel mounting poles with foundations	SF	\$56.40	\$1,148.74	\$0.00	\$1,205.14

11-70-00 Healthcare Equipment

11-72-00 Examination and Treatment Equipment

11-72-13 Examination Equipment

All hanging Medical Equipment includes attaching to structural support. Includes connecting outlets to medical gas and electrical services

106350	Medical Gas Column – Fixed Amico or equal	EA	\$1,288.97	\$6,148.00	\$0.00	\$7,436.97
106351	Medical Gas Column – Manual Retractable Amico or equal	EA	\$1,503.79	\$8,268.00	\$0.00	\$9,771.79
106352	Medical Gas Column – Motorized Retractable Amico or equal	EA	\$1,804.55	\$13,250.01	\$0.00	\$15,054.56
106353	Floor Mounted Gas Pedestal – Up To 12" Amico or equal	EA	\$225.57	\$3,169.40	\$0.00	\$3,394.97
106354	Floor Mounted Gas Pedestal – Up To 12" – Custom Amico or equal	EA	\$225.57	\$5,607.40	\$0.00	\$5,832.97
106355	Floor Mounted Gas Pedestal – Up To 18" Amico or equal	EA	\$225.57	\$3,535.10	\$0.00	\$3,760.67
106356	Floor Mounted Gas Pedestal – Up To 18" – Custom Amico or equal	EA	\$225.57	\$6,216.90	\$0.00	\$6,442.47
106357	Radial Arm Boom – Manual Skytron or equal	EA	\$1,288.97	\$12,720.00	\$0.00	\$14,008.97
106358	Radial Arm Boom – Automatic Skytron or equal	EA	\$1,503.79	\$21,199.99	\$0.00	\$22,703.78
106359	Film Illuminator – Single Bank	EA	\$112.78	\$371.00	\$0.00	\$483.78
106360	Film Illuminator – Two Bank	EA	\$112.78	\$609.50	\$0.00	\$722.28
106361	Film Illuminator – Three Bank	EA	\$128.89	\$1,007.00	\$0.00	\$1,135.89
106362	Film Illuminator – Four Bank	EA	\$128.89	\$1,272.00	\$0.00	\$1,400.89
106363	Procedure Table – Medical Office	EA	\$694.06	\$7,950.00	\$0.00	\$8,644.06
106364	Procedure Table – Surgical	EA	\$820.25	\$12,720.00	\$0.00	\$13,540.25
106365	Dental Chair	EA	\$694.06	\$8,480.00	\$0.00	\$9,174.06
106366	Bariatric / Patient Lift System – Up To 600 LB Capacity Includes an up to 600 lb capacity motor, up to 40' of track with two 45 degree curves and one 90 degree curve secured to structure above. Above ceiling structural support is not included	EA	\$2,698.72	\$8,732.28	\$0.00	\$11,431.00

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	Units	Labor	Material	Equipment	Total
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11-73-00 Patient Care Equipment

11-73-13 Psychiatric Seclusion Room Padding

106367	Wall Padding – Behavioral Health	SF	\$7.13	\$25.03	\$0.00	\$32.16
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11-80-00 Facility Maintenance and Operation Equipment

11-81-00 Facility Maintenance Equipment

11-81-23 Facade Access Equipment

106368	Davit Window Washing – Swing Arm Up To 4,000 LB Capacity With Hand Winch Swing Arm Davit - Includes attachment to structure	EA	\$601.52	\$10,600.00	\$0.00	\$11,201.52
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106369	Davit Window Washing – Swing Arm Up To 4,000 LB Capacity With Electric Winch Swing Arm Davit - Includes attachment to structure	EA	\$601.52	\$13,780.00	\$0.00	\$14,381.52
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106370	Davit Window Washing – Sleeve Includes attachment to structure	EA	\$225.57	\$530.00	\$0.00	\$755.57
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11-81-29 Facility Fall Protection

106371	Safety Cable / Perimeter Fall Protection	LF	\$13.33	\$13.25	\$0.00	\$26.58
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106372	Fall Protection Tie Backs	EA	\$310.97	\$503.50	\$0.00	\$814.47
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11-90-00 Other Equipment

11-95-00 Arts and Crafts Equipment

11-95-00 Arts and Crafts Equipment

106373	Darkroom Equipment Includes; enlarger, lenses, three plastic tray, three sets of tongs, darkroom timer and drying racks	EA	\$987.36	\$4,240.00	\$0.00	\$5,227.36
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106374	Darkroom Casework – Base Cabinet Includes multiple drawers for exposure storage	LF	\$52.32	\$328.70	\$0.00	\$381.02
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106375	Darkroom Casework – Wall Cabinet	LF	\$34.89	\$212.26	\$0.00	\$247.15
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106376	Darkroom Casework – Chemsurf Top	SF	\$17.45	\$55.65	\$0.00	\$73.10
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106377	Darkroom Casework – Shelving Unit on Standards – Up To Three Shelves	LF	\$28.03	\$131.48	\$0.00	\$159.51
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12-00-00 Furnishings

12-01-00 Operation and Maintenance of Furnishings

12-01-00 Operation and Maintenance of Furnishings

12-01-50 Operation and Maintenance of Furniture

106378	Reupholstering Furniture – Vinyl Or Equal Up To 1/16" Thick SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$9.87	\$3.50	\$0.00	\$13.37
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		Units	Labor	Material	Equipment	Total
106379	Reupholstering Furniture – Vinyl Or Equal Up To 1/8" Thick SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$9.87	\$4.55	\$0.00	\$14.42
106380	Reupholstering Furniture – Economy Fabric Or Equal – Up To 50,000 Double Rubs SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$14.95	\$5.30	\$0.00	\$20.25
106381	Reupholstering Furniture – Standard Fabric Or Equal – Up To 75,000 Double Rubs SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$14.95	\$6.63	\$0.00	\$21.58
106382	Reupholstering Furniture – Premium Fabric Or Equal – Up To 100,000 Double Rubs SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$14.95	\$7.95	\$0.00	\$22.90
106383	Reupholstering Furniture – Bonded Leather Or Equal SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$22.44	\$8.48	\$0.00	\$30.92
106384	Reupholstering Furniture – Genuine Leather Or Equal SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$22.44	\$10.18	\$0.00	\$32.62
106385	Reupholstering Furniture – Suede Leather Or Equal SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$22.44	\$12.21	\$0.00	\$34.65

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		Units	Labor	Material	Equipment	Total
106386	Reupholstering Furniture – Top Grain Leather Or Equal SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$22.44	\$14.65	\$0.00	\$37.09
106387	Reupholstering Furniture – Full Grain Leather Or Equal SF = Exposed Face Area of furniture. Includes removal of fabric covering and padding down to the frame. Replace all fabric, padding, cords, seams and zippers.	SF	\$22.44	\$17.59	\$0.00	\$40.03

12-20-00 Window Treatments

12-21-00 Window Blinds

12-21-13 Horizontal Louver Blinds

Includes all hardware and fasteners for mounting to substrate

106388	Window Blind-Horizontal – 1" Slats Vinyl Or Equal	SF	\$1.81	\$3.45	\$0.00	\$5.26
106389	Window Blind-Horizontal – 2" Slats Vinyl Or Equal	SF	\$1.81	\$6.03	\$0.00	\$7.84
106390	Window Blind-Horizontal – 3" Slats Vinyl Or Equal	SF	\$1.81	\$9.04	\$0.00	\$10.85
106391	Window Blind-Horizontal – 4" Slats Vinyl Or Equal	SF	\$1.81	\$11.75	\$0.00	\$13.56
106392	Window Blind-Horizontal – 1" Slats Aluminum Or Equal	SF	\$1.81	\$3.62	\$0.00	\$5.43
106393	Window Blind-Horizontal – 2" Slats Aluminum Or Equal	SF	\$1.81	\$6.34	\$0.00	\$8.15
106394	Window Blind-Horizontal – 3" Slats Aluminum Or Equal	SF	\$1.81	\$9.50	\$0.00	\$11.31
106395	Window Blind-Horizontal – 4" Slats Aluminum Or Equal	SF	\$1.81	\$12.35	\$0.00	\$14.16
106396	Window Blind-Horizontal – 1" Slats Wood Or Equal	SF	\$1.81	\$4.71	\$0.00	\$6.52
106397	Window Blind-Horizontal – 2" Slats Wood Or Equal	SF	\$1.81	\$8.23	\$0.00	\$10.04
106398	Window Blind-Horizontal – 3" Slats Wood Or Equal	SF	\$1.81	\$12.35	\$0.00	\$14.16
106399	Window Blind-Horizontal – 4" Slats Wood Or Equal	SF	\$1.81	\$16.04	\$0.00	\$17.85

12-21-16 Vertical Louver Blinds

Includes all hardware and fasteners for mounting to substrate

106400	Window Blind-Vertical – 3" Slats Vinyl Or Equal	SF	\$1.87	\$11.75	\$0.00	\$13.62
106401	Window Blind-Vertical – 4" Slats Vinyl Or Equal	SF	\$1.87	\$15.29	\$0.00	\$17.16
106402	Window Blind-Vertical – 3" Slats Aluminum Or Equal	SF	\$1.87	\$12.35	\$0.00	\$14.22
106403	Window Blind-Vertical – 4" Slats Aluminum Or Equal	SF	\$1.87	\$16.04	\$0.00	\$17.91
106404	Window Blind-Vertical – 3" Slats Wood Or Equal	SF	\$1.87	\$16.04	\$0.00	\$17.91
106405	Window Blind-Vertical – 4" Slats Wood Or Equal	SF	\$1.87	\$20.86	\$0.00	\$22.73

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	Units	Labor	Material	Equipment	Total
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12-24-00 Window Shades

12-24-13 Roller Window Shades

Includes all hardware and fasteners for mounting to substrate

106406	Roller Shade (Room Darkening) – Up To 8 Oz/CY – Manual	SF	\$2.09	\$5.83	\$0.00	\$7.92
106407	Roller Shade (Room Darkening) – Heavier Than 8 Oz/CY – Manual	SF	\$2.09	\$8.17	\$0.00	\$10.26
106408	Roller Shade (Room Darkening) – Up To 8 Oz/CY – Motorized	SF	\$2.09	\$11.65	\$0.00	\$13.74
106409	Roller Shade (Room Darkening) – Heavier Than 8 Oz/CY – Motorized	SF	\$2.09	\$16.32	\$0.00	\$18.41
106410	Roller Shade (Blackout) – Up To 8 Oz/CY – Manual	SF	\$2.09	\$8.74	\$0.00	\$10.83
106411	Roller Shade (Blackout) – Heavier Than 8 Oz/CY – Manual	SF	\$2.09	\$12.24	\$0.00	\$14.33
106412	Roller Shade (Blackout) – Up To 8 Oz/CY – Motorized	SF	\$2.09	\$17.49	\$0.00	\$19.58
106413	Roller Shade (Blackout) – Heavier Than 8 Oz/CY – Motorized	SF	\$2.09	\$24.49	\$0.00	\$26.58

12-24-16 Pleated Window Shades

Includes all hardware and fasteners for mounting to substrate

106414	Single Cell Shade (Room Darkening) – Manual	SF	\$2.09	\$4.67	\$0.00	\$6.76
106415	Double Cell Shades (Room Darkening) – Manual	SF	\$2.09	\$6.53	\$0.00	\$8.62
106416	Single Cell Shade (Room Darkening) – Motorized	SF	\$2.09	\$9.33	\$0.00	\$11.42
106417	Double Cell Shades (Room Darkening) – Motorized	SF	\$2.09	\$13.06	\$0.00	\$15.15
106418	Single Cell Shade (Blackout) – Manual	SF	\$2.09	\$6.06	\$0.00	\$8.15
106419	Double Cell Shades (Blackout) – Manual	SF	\$2.09	\$8.48	\$0.00	\$10.57
106420	Single Cell Shade (Blackout) – Motorized	SF	\$2.09	\$12.13	\$0.00	\$14.22
106421	Double Cell Shades (Blackout) – Motorized	SF	\$2.09	\$16.98	\$0.00	\$19.07

12-30-00 Casework

12-32-00 Manufactured Casework

12-32-12 Manufactured Metal Casework

Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels

106422	Manufactured Metal Wall Cabinets – Up To 30" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$101.76	\$0.00	\$136.65
106423	Manufactured Metal Wall Cabinets – Up To 36" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$122.11	\$0.00	\$157.00

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		Units	Labor	Material	Equipment	Total
106424	Manufactured Metal Wall Cabinets – Up To 42" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$142.46	\$0.00	\$177.35
106425	Manufactured Metal Wall Cabinets – Up To 48" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$162.81	\$0.00	\$197.70
106426	Manufactured Metal Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$122.11	\$0.00	\$157.00
106427	Manufactured Metal Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$146.54	\$0.00	\$181.43
106428	Manufactured Metal Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$170.95	\$0.00	\$205.84
106429	Manufactured Metal Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$195.38	\$0.00	\$230.27
106430	Manufactured Metal Shelving Cubbies – Up To 48" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$83.95	\$0.00	\$118.84
106431	Manufactured Metal Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$100.74	\$0.00	\$135.63

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		Units	Labor	Material	Equipment	Total
106432	Manufactured Metal Base Cabinets – Up To 36" Tall and 28" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$183.17	\$0.00	\$235.49
106433	Manufactured Metal Base Cabinets (Premium) – Up To 36" Tall and 28" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$219.80	\$0.00	\$272.12
106434	Manufactured Metal Full Height Cabinets – Up To 96" Tall and 28" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$343.44	\$0.00	\$395.76
106435	Manufactured Metal Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$412.13	\$0.00	\$464.45
106436	Manufactured Metal Display Cabinets – Up To 72" Tall and 28" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$305.29	\$0.00	\$357.61
106437	Manufactured Metal Display Cabinets (Premium) – Up To 72" Tall and 28" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$366.33	\$0.00	\$418.65
106438	Manufactured Metal Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$305.29	\$0.00	\$479.72
106439	Manufactured Metal Wardrobe Cabinet (Premium) – Up To 72" Tall, 28" Deep, and 72' Wide Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$366.33	\$0.00	\$540.76

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		Units	Labor	Material	Equipment	Total
106440	Manufactured Stainless Steel Wall Cabinets – Up To 30" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$282.66	\$0.00	\$317.55
106441	Manufactured Stainless Steel Wall Cabinets – Up To 36" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$339.20	\$0.00	\$374.09
106442	Manufactured Stainless Steel Wall Cabinets – Up To 42" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$395.74	\$0.00	\$430.63
106443	Manufactured Stainless Steel Wall Cabinets – Up To 48" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$452.26	\$0.00	\$487.15
106444	Manufactured Stainless Steel Shelving Cubbies – Up To 48" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$233.19	\$0.00	\$268.08
106445	Manufactured Stainless Steel Base Cabinets – Up To 36" Tall and 28" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$508.80	\$0.00	\$561.12
106446	Manufactured Stainless Steel Full Height Cabinets – Up To 96" Tall and 28" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$954.00	\$0.00	\$1,006.32
106447	Manufactured Stainless Steel Display Cabinets – Up To 72" Tall and 28" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$848.00	\$0.00	\$900.32
106448	Manufactured Stainless Steel Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$848.00	\$0.00	\$1,022.43

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		Units	Labor	Material	Equipment	Total
106449	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when Total quantity in section 12-32-12 Manufactured Metal Casework are within stated quantity. Can be applied cumulatively To base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71
12-32-13 Manufactured Wood Faced Casework						
<i>Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels. Includes painting or staining and sealing</i>						
106450	Manufactured Wood Wall Cabinets – Up To 30" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$113.06	\$0.00	\$147.95
106451	Manufactured Wood Wall Cabinets – Up To 36" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$135.67	\$0.00	\$170.56
106452	Manufactured Wood Wall Cabinets – Up To 42" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$158.30	\$0.00	\$193.19
106453	Manufactured Wood Wall Cabinets – Up To 48" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$180.90	\$0.00	\$215.79
106454	Manufactured Wood Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$135.67	\$0.00	\$170.56
106455	Manufactured Wood Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$162.81	\$0.00	\$197.70

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		Units	Labor	Material	Equipment	Total
106456	Manufactured Wood Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$189.96	\$0.00	\$224.85
106457	Manufactured Wood Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$217.09	\$0.00	\$251.98
106458	Manufactured Wood Shelving Cubbies – Up To 48" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, shelving, trim pieces And related hardware	LF	\$34.89	\$93.28	\$0.00	\$128.17
106459	Manufactured Wood Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$111.94	\$0.00	\$146.83
106460	Manufactured Wood Base Cabinets – Up To 36" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$203.52	\$0.00	\$255.84
106461	Manufactured Wood Base Cabinets (Premium) – Up To 36" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$244.23	\$0.00	\$296.55
106462	Manufactured Wood Full Height Cabinets – Up To 96" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$381.60	\$0.00	\$433.92

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		Units	Labor	Material	Equipment	Total
106463	Manufactured Wood Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$457.92	\$0.00	\$510.24
106464	Manufactured Wood Display Cabinets – Up To 72" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$339.20	\$0.00	\$391.52
106465	Manufactured Wood Display Cabinets (Premium) – Up To 72" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$407.04	\$0.00	\$459.36
106466	Manufactured Wood Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$339.20	\$0.00	\$513.63
106467	Manufactured Wood Wardrobe Cabinet (Premium) – Up To 72" Tall, 28" Deep, and 72' Wide All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	EA	\$174.43	\$407.04	\$0.00	\$581.47
106468	Manufactured Wood Fixed AudiTorium / Classroom Tables With Legs All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$40.25	\$165.63	\$0.00	\$205.88
106469	Manufactured Wood Fixed AudiTorium / Classroom Tables With Legs (Premium) All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$40.25	\$194.86	\$0.00	\$235.11

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		Units	Labor	Material	Equipment	Total
106470	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when Total quantity in section 12-32-13 Manufactured Wood Casework are within stated quantity. Can be applied cumulatively To base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71
12-32-16 Manufactured Plastic-Laminate-Clad Casework						
<i>Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels</i>						
106471	Manufactured Plastic Laminate Wall Cabinets – Up To 30" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$90.45	\$0.00	\$125.34
106472	Manufactured Plastic Laminate Wall Cabinets – Up To 36" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$108.54	\$0.00	\$143.43
106473	Manufactured Plastic Laminate Wall Cabinets – Up To 42" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$126.64	\$0.00	\$161.53
106474	Manufactured Plastic Laminate Wall Cabinets – Up To 48" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$144.72	\$0.00	\$179.61
106475	Manufactured Plastic Laminate Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$108.54	\$0.00	\$143.43

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		Units	Labor	Material	Equipment	Total
106476	Manufactured Plastic Laminate Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$130.25	\$0.00	\$165.14
106477	Manufactured Plastic Laminate Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$151.96	\$0.00	\$186.85
106478	Manufactured Plastic Laminate Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$173.67	\$0.00	\$208.56
106479	Manufactured Plastic Laminate Shelving Cubbies – Up To 48" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, shelving, trim pieces And related hardware	LF	\$34.89	\$74.63	\$0.00	\$109.52
106480	Manufactured Plastic Laminate Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$89.55	\$0.00	\$124.44
106481	Manufactured Plastic Laminate Base Cabinets – Up To 36" Tall and 28" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$162.81	\$0.00	\$215.13
106482	Manufactured Plastic Laminate Base Cabinets (Premium) – Up To 36" Tall and 28" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$195.38	\$0.00	\$247.70

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		Units	Labor	Material	Equipment	Total
106483	Manufactured Plastic Laminate Full Height Cabinets – Up To 96" Tall and 28" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$305.29	\$0.00	\$357.61
106484	Manufactured Plastic Laminate Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$366.33	\$0.00	\$418.65
106485	Manufactured Plastic Laminate Display Cabinets – Up To 72" Tall and 28" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$271.36	\$0.00	\$323.68
106486	Manufactured Plastic Laminate Display Cabinets (Premium) – Up To 72" Tall and 28" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$325.63	\$0.00	\$377.95
106487	Manufactured Plastic Laminate Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$271.36	\$0.00	\$445.79
106488	Manufactured Plastic Laminate Wardrobe Cabinet (Premium) – Up To 72" Tall, 28" Deep, and 72' Wide All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	EA	\$174.43	\$325.63	\$0.00	\$500.06
106489	Manufactured Plastic Laminate Fixed AudiTorium / Classroom Tables With Legs All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$40.25	\$132.51	\$0.00	\$172.76

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		Units	Labor	Material	Equipment	Total
106490	Manufactured Plastic Laminate Fixed AudiTorium / Classroom Tables With Legs (Premium) All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$40.25	\$155.89	\$0.00	\$196.14
106491	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when Total quantity in section 12-32-16 Manufactured Plastic Casework are within stated quantity. Can be applied cumulatively To base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

12-35-00 Specialty Casework

12-35-31 Residential Casework - Metal

Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels

106492	Residential Metal Wall Cabinets – Up To 30" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$86.49	\$0.00	\$121.38
106493	Residential Metal Wall Cabinets – Up To 36" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$103.80	\$0.00	\$138.69
106494	Residential Metal Wall Cabinets – Up To 42" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$121.10	\$0.00	\$155.99
106495	Residential Metal Wall Cabinets – Up To 48" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$138.39	\$0.00	\$173.28
106496	Residential Metal Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$103.80	\$0.00	\$138.69
106497	Residential Metal Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$124.56	\$0.00	\$159.45

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		Units	Labor	Material	Equipment	Total
106498	Residential Metal Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$145.32	\$0.00	\$180.21
106499	Residential Metal Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$166.08	\$0.00	\$200.97
106500	Residential Metal Shelving Cubbies – Up To 48" Tall and 16" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$71.36	\$0.00	\$106.25
106501	Residential Metal Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$85.63	\$0.00	\$120.52
106502	Residential Metal Base Cabinets – Up To 36" Tall and 28" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$155.69	\$0.00	\$208.01
106503	Residential Metal Base Cabinets (Premium) – Up To 36" Tall and 28" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$186.84	\$0.00	\$239.16
106504	Residential Metal Full Height Cabinets – Up To 96" Tall and 28" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$291.93	\$0.00	\$344.25
106505	Residential Metal Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$350.30	\$0.00	\$402.62

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		Units	Labor	Material	Equipment	Total
106506	Residential Metal Display Cabinets – Up To 72" Tall and 28" Deep Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$259.49	\$0.00	\$311.81
106507	Residential Metal Display Cabinets (Premium) – Up To 72" Tall and 28" Deep Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$311.38	\$0.00	\$363.70
106508	Residential Metal Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide Up To 18 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$259.49	\$0.00	\$433.92
106509	Residential Metal Wardrobe Cabinet (Premium) – Up To 72" Tall, 28" Deep, and 72' Wide Up To 16 gauge metal construction. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$311.38	\$0.00	\$485.81
106510	Residential Stainless Steel Wall Cabinets – Up To 30" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$240.26	\$0.00	\$275.15
106511	Residential Stainless Steel Wall Cabinets – Up To 36" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$288.32	\$0.00	\$323.21
106512	Residential Stainless Steel Wall Cabinets – Up To 42" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$336.38	\$0.00	\$371.27
106513	Residential Stainless Steel Wall Cabinets – Up To 48" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$384.42	\$0.00	\$419.31
106514	Residential Stainless Steel Shelving Cubbies – Up To 48" Tall and 16" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$198.22	\$0.00	\$233.11

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		Units	Labor	Material	Equipment	Total
106515	Residential Stainless Steel Base Cabinets – Up To 36" Tall and 28" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$432.48	\$0.00	\$484.80
106516	Residential Stainless Steel Full Height Cabinets – Up To 96" Tall and 28" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$810.90	\$0.00	\$863.22
106517	Residential Stainless Steel Display Cabinets – Up To 72" Tall and 28" Deep Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$720.79	\$0.00	\$773.11
106518	Residential Stainless Steel Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$720.79	\$0.00	\$895.22
106519	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when Total quantity in section 12-35-31 Residential Casework - Metal are within stated quantity. Can be applied cumulatively To base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

12-35-32 Residential Casework - Wood

Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels. Includes painting or staining and sealing

106520	Residential Wood Wall Cabinets – Up To 30" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$96.11	\$0.00	\$131.00
106521	Residential Wood Wall Cabinets – Up To 36" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$115.33	\$0.00	\$150.22
106522	Residential Wood Wall Cabinets – Up To 42" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$134.55	\$0.00	\$169.44
106523	Residential Wood Wall Cabinets – Up To 48" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$153.76	\$0.00	\$188.65

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		Units	Labor	Material	Equipment	Total
106524	Residential Wood Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$115.33	\$0.00	\$150.22
106525	Residential Wood Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$138.39	\$0.00	\$173.28
106526	Residential Wood Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$161.46	\$0.00	\$196.35
106527	Residential Wood Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$184.52	\$0.00	\$219.41
106528	Residential Wood Shelving Cubbies – Up To 48" Tall and 16" Deep All hardwood veneer with plywood core. Includes all draws, shelving, trim pieces And related hardware	LF	\$34.89	\$79.28	\$0.00	\$114.17
106529	Residential Wood Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$95.14	\$0.00	\$130.03
106530	Residential Wood Base Cabinets – Up To 36" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$172.99	\$0.00	\$225.31

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		Units	Labor	Material	Equipment	Total
106531	Residential Wood Base Cabinets (Premium) – Up To 36" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$207.60	\$0.00	\$259.92
106532	Residential Wood Full Height Cabinets – Up To 96" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$324.36	\$0.00	\$376.68
106533	Residential Wood Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$389.23	\$0.00	\$441.55
106534	Residential Wood Display Cabinets – Up To 72" Tall and 28" Deep All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$288.32	\$0.00	\$340.64
106535	Residential Wood Display Cabinets (Premium) – Up To 72" Tall and 28" Deep All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$345.99	\$0.00	\$398.31
106536	Residential Wood Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide All hardwood veneer with plywood core. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$288.32	\$0.00	\$462.75
106537	Residential Wood Wardrobe Cabinet (Premium) – Up To 72" Tall, 28" Deep, and 72' Wide All premium stain grade hardwood construction with enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	EA	\$174.43	\$345.99	\$0.00	\$520.42

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		Units	Labor	Material	Equipment	Total
106538	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when Total quantity in section 12-35-32 Residential Casework - Wood are within stated quantity. Can be applied cumulatively To base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71
12-35-33 Residential Casework - Plastic-Laminate-Clad						
<i>Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels</i>						
106539	Residential Plastic Laminate Wall Cabinets – Up To 30" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$76.88	\$0.00	\$111.77
106540	Residential Plastic Laminate Wall Cabinets – Up To 36" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$92.27	\$0.00	\$127.16
106541	Residential Plastic Laminate Wall Cabinets – Up To 42" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$107.64	\$0.00	\$142.53
106542	Residential Plastic Laminate Wall Cabinets – Up To 48" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$34.89	\$123.01	\$0.00	\$157.90
106543	Residential Plastic Laminate Wall Cabinets (Premium) – Up To 30" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$92.27	\$0.00	\$127.16

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		Units	Labor	Material	Equipment	Total
106544	Residential Plastic Laminate Wall Cabinets (Premium) – Up To 36" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$110.71	\$0.00	\$145.60
106545	Residential Plastic Laminate Wall Cabinets (Premium) – Up To 42" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$129.17	\$0.00	\$164.06
106546	Residential Plastic Laminate Wall Cabinets (Premium) – Up To 48" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$147.62	\$0.00	\$182.51
106547	Residential Plastic Laminate Shelving Cubbies – Up To 48" Tall and 16" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, shelving, trim pieces And related hardware	LF	\$34.89	\$63.42	\$0.00	\$98.31
106548	Residential Plastic Laminate Shelving Cubbies (Premium) – Up To 48" Tall and 16" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, shelving, trim pieces And related brass hardware or equal	LF	\$34.89	\$76.11	\$0.00	\$111.00
106549	Residential Plastic Laminate Base Cabinets – Up To 36" Tall and 28" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$138.39	\$0.00	\$190.71
106550	Residential Plastic Laminate Base Cabinets (Premium) – Up To 36" Tall and 28" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$166.08	\$0.00	\$218.40

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		Units	Labor	Material	Equipment	Total
106551	Residential Plastic Laminate Full Height Cabinets – Up To 96" Tall and 28" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$259.49	\$0.00	\$311.81
106552	Residential Plastic Laminate Full Height Cabinets (Premium) – Up To 96" Tall and 28" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$311.38	\$0.00	\$363.70
106553	Residential Plastic Laminate Display Cabinets – Up To 72" Tall and 28" Deep All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	LF	\$52.32	\$230.66	\$0.00	\$282.98
106554	Residential Plastic Laminate Display Cabinets (Premium) – Up To 72" Tall and 28" Deep All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	LF	\$52.32	\$276.79	\$0.00	\$329.11
106555	Residential Plastic Laminate Wardrobe Cabinet – Up To 72" Tall, 28" Deep, and 72' Wide All plastic laminate veneer with MDF Core And melamine interior. Includes all draws, doors, glass, shelving, trim pieces And related hardware	EA	\$174.43	\$230.66	\$0.00	\$405.09
106556	Residential Plastic Laminate Wardrobe Cabinet (Premium) – Up To 72" Tall, 28" Deep, and 72' Wide All premium grade plastic laminate with plywood core And enhanced joinery. Includes all draws, doors, glass, shelving, trim pieces And related brass hardware or equal	EA	\$174.43	\$276.79	\$0.00	\$451.22
106557	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when total quantity in section 12-35-33 Residential Casework - Plastic Laminate Clad are within stated quantity. Can be applied cumulatively to base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

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		Units	Labor	Material	Equipment	Total
12-35-53 Laboratory Casework						
<i>Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels. Casework is all SEFA-8 Compliant or equal</i>						
106558	Metal Open Wall Shelving Lab – Up To 2 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$106.00	\$0.00	\$132.16
106559	Metal Open Wall Shelving Lab – Up To 3 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$116.60	\$0.00	\$142.76
106560	Metal Open Wall Shelving Lab – Up To 4 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$127.20	\$0.00	\$153.36
106561	Metal Wall Cabinet Lab – Up To 24" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$130.64	\$0.00	\$165.53
106562	Metal Wall Cabinet Lab – Up To 32" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$153.70	\$0.00	\$188.59
106563	Metal Wall Cabinet Lab – Up To 24" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$150.24	\$0.00	\$185.13
106564	Metal Wall Cabinet Lab – Up To 32" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$176.76	\$0.00	\$211.65
106565	Metal Base Cabinet Lab – Up To 36" Tall and 28" Deep Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$280.91	\$0.00	\$333.23
106566	Metal Base Cabinet Lab – Up To 36" Tall and 28" Deep (With Casters) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$296.80	\$0.00	\$349.12

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		Units	Labor	Material	Equipment	Total
106567	Metal Lab Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,014.00	\$0.00	\$2,275.65
106568	Metal Lab Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,524.49	\$0.00	\$3,786.14
106569	Metal Lab Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,316.10	\$0.00	\$2,577.75
106570	Metal Lab Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$4,053.18	\$0.00	\$4,314.83
106571	Stainless Steel Open Wall Shelving Lab – Up To 2 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$200.84	\$0.00	\$227.00
106572	Stainless Steel Open Wall Shelving Lab – Up To 3 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$220.93	\$0.00	\$247.09
106573	Stainless Steel Open Wall Shelving Lab – Up To 4 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$241.01	\$0.00	\$267.17
106574	Stainless Steel Wall Cabinet Lab – Up To 24" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$247.54	\$0.00	\$282.43
106575	Stainless Steel Wall Cabinet Lab – Up To 32" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$291.22	\$0.00	\$326.11
106576	Stainless Steel Wall Cabinet Lab – Up To 24" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$284.67	\$0.00	\$319.56

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		Units	Labor	Material	Equipment	Total
106577	Stainless Steel Wall Cabinet Lab – Up To 32" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$334.91	\$0.00	\$369.80
106578	Stainless Steel Base Cabinet Lab – Up To 36" Tall and 28" Deep Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$532.23	\$0.00	\$584.55
106579	Stainless Steel Base Cabinet Lab – Up To 36" Tall and 28" Deep (With Casters) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$562.36	\$0.00	\$614.68
106580	Stainless Steel Lab Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,815.99	\$0.00	\$4,077.64
106581	Stainless Steel Lab Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$6,678.00	\$0.00	\$6,939.65
106582	Stainless Steel Lab Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$4,388.40	\$0.00	\$4,650.05
106583	Stainless Steel Lab Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$7,679.70	\$0.00	\$7,941.35
106584	Wood Open Wall Shelving Lab – Up To 2 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$111.58	\$0.00	\$137.74
106585	Wood Open Wall Shelving Lab – Up To 3 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$122.74	\$0.00	\$148.90

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		Units	Labor	Material	Equipment	Total
106586	Wood Open Wall Shelving Lab – Up To 4 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$133.89	\$0.00	\$160.05
106587	Wood Wall Cabinet Lab – Up To 24" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$137.52	\$0.00	\$172.41
106588	Wood Wall Cabinet Lab – Up To 32" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$161.79	\$0.00	\$196.68
106589	Wood Wall Cabinet Lab – Up To 24" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$158.15	\$0.00	\$193.04
106590	Wood Wall Cabinet Lab – Up To 32" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$186.06	\$0.00	\$220.95
106591	Wood Base Cabinet Lab – Up To 36" Tall and 28" Deep Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$295.68	\$0.00	\$348.00
106592	Wood Base Cabinet Lab – Up To 36" Tall and 28" Deep (With Casters) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$312.42	\$0.00	\$364.74
106593	Wood Lab Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,120.00	\$0.00	\$2,381.65
106594	Wood Lab Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,710.00	\$0.00	\$3,971.65

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		Units	Labor	Material	Equipment	Total
106595	Wood Lab Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,438.00	\$0.00	\$2,699.65
106596	Wood Lab Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$4,266.50	\$0.00	\$4,528.15
106597	Plastic Laminate Open Wall Shelving Lab – Up To 2 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$89.26	\$0.00	\$115.42
106598	Plastic Laminate Open Wall Shelving Lab – Up To 3 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$98.19	\$0.00	\$124.35
106599	Plastic Laminate Open Wall Shelving Lab – Up To 4 Shelves Includes a chemical resistant finish. Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$107.11	\$0.00	\$133.27
106600	Plastic Laminate Wall Cabinet Lab – Up To 24" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$110.01	\$0.00	\$144.90
106601	Plastic Laminate Wall Cabinet Lab – Up To 32" Tall (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$129.43	\$0.00	\$164.32
106602	Plastic Laminate Wall Cabinet Lab – Up To 24" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$126.52	\$0.00	\$161.41
106603	Plastic Laminate Wall Cabinet Lab – Up To 32" Tall (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$148.85	\$0.00	\$183.74

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		Units	Labor	Material	Equipment	Total
106604	Plastic Laminate Base Cabinet Lab – Up To 36" Tall and 28" Deep Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$236.55	\$0.00	\$288.87
106605	Plastic Laminate Base Cabinet Lab – Up To 36" Tall and 28" Deep (With Casters) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$249.93	\$0.00	\$302.25
106606	Plastic Laminate Lab Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$1,695.99	\$0.00	\$1,957.64
106607	Plastic Laminate Lab Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,968.00	\$0.00	\$3,229.65
106608	Plastic Laminate Lab Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$1,950.40	\$0.00	\$2,212.05
106609	Plastic Laminate Lab Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,413.20	\$0.00	\$3,674.85
106610	Mobile Lab Casework With Epoxy Resin Top, Two Upper Shelves and Base Cabinet Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$34.89	\$662.71	\$0.00	\$697.60

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		Units	Labor	Material	Equipment	Total
106611	Mobile Lab Casework With Chemical Resistant Laminate Top, Two Upper Shelves and Base Cabinet Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$34.89	\$657.41	\$0.00	\$692.30
106612	Mobile Lab Casework With Epoxy Resin Top, Upper Wall Cabinet and Base Cabinet Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$34.89	\$809.05	\$0.00	\$843.94
106613	Mobile Lab Casework With Chemical Resistant Laminate Top, Upper Wall Cabinet and Base Cabinet Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$34.89	\$803.75	\$0.00	\$838.64
106614	Mobile Lab Tables With Epoxy Resin Top and Base Cabinet Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$29.07	\$555.01	\$0.00	\$584.08
106615	Mobile Lab Tables With Chemical Resistant Laminate Top and Base Cabinet Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$29.07	\$549.72	\$0.00	\$578.79
106616	Mobile Lab Tables With Epoxy Resin Top Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$29.07	\$533.81	\$0.00	\$562.88

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		Units	Labor	Material	Equipment	Total
106617	Mobile Lab Tables With Chemical Resistant Laminate Top Mott Manufacturing or equal. Includes a chemical resistant finish. Includes all trim pieces and related hardware. Includes integral wiring and quick disconnect fittings for lab services	LF	\$29.07	\$528.51	\$0.00	\$557.58
106618	Mobile Lab Casework With Epoxy Resin Top, Two Upper Shelves and Base Cabinet Installation only	LF	\$34.89	\$0.00	\$0.00	\$34.89
106619	Mobile Lab Casework With Chemical Resistant Laminate Top, Two Upper Shelves and Base Cabinet Installation only	LF	\$34.89	\$0.00	\$0.00	\$34.89
106620	Mobile Lab Casework With Epoxy Resin Top, Upper Wall Cabinet and Base Cabinet Installation only	LF	\$34.89	\$0.00	\$0.00	\$34.89
106621	Mobile Lab Casework With Chemical Resistant Laminate Top, Upper Wall Cabinet and Base Cabinet Installation only	LF	\$34.89	\$0.00	\$0.00	\$34.89
106622	Mobile Lab Tables With Epoxy Resin Top and Base Cabinet Installation only	LF	\$29.07	\$0.00	\$0.00	\$29.07
106623	Mobile Lab Tables With Chemical Resistant Laminate Top and Base Cabinet Installation only	LF	\$29.07	\$0.00	\$0.00	\$29.07
106624	Mobile Lab Tables With Epoxy Resin Top Installation only	LF	\$29.07	\$0.00	\$0.00	\$29.07
106625	Mobile Lab Tables With Chemical Resistant Laminate Top Installation only	LF	\$29.07	\$0.00	\$0.00	\$29.07
106626	Reagent Shelving- Single Loaded – Up To 3 Shelves Includes all framing to floor, posts and shelving for both fixed or adjustable	LF	\$26.16	\$106.00	\$0.00	\$132.16
106627	Reagent Shelving- Double Loaded – Up To 3 Shelves Includes all framing to floor, posts and shelving for both fixed or adjustable	LF	\$26.16	\$159.01	\$0.00	\$185.17
106628	Under Wall Cabinet – Fluorescent Fixture	LF	\$6.98	\$21.20	\$0.00	\$28.18
106629	Flammable Storage Cabinet – Up to 75 Gallon Capacity	EA	\$149.51	\$1,695.99	\$0.00	\$1,845.50
106630	Acid Storage Cabinet – Up to 75 Gallon Capacity	EA	\$149.51	\$1,459.62	\$0.00	\$1,609.13

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		Units	Labor	Material	Equipment	Total
106631	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when total quantity in section 12-35-53 Laboratory Casework are within stated quantity. Can be applied cumulatively to base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71
12-35-70 Healthcare Casework						
<i>Includes a fully finished cabinet system with all trim pieces, hardware, drawers, and end panels</i>						
106632	Metal Open Wall Shelving Healthcare – Up To 2 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$95.40	\$0.00	\$121.56
106633	Metal Open Wall Shelving Healthcare – Up To 3 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$104.94	\$0.00	\$131.10
106634	Metal Open Wall Shelving Healthcare – Up To 4 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$114.48	\$0.00	\$140.64
106635	Metal Wall Cabinet Healthcare – Up To 24" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$117.58	\$0.00	\$152.47
106636	Metal Wall Cabinet Healthcare – Up To 32" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$138.33	\$0.00	\$173.22
106637	Metal Wall Cabinet Healthcare – Up To 24" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$135.21	\$0.00	\$170.10
106638	Metal Wall Cabinet Healthcare – Up To 32" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$159.08	\$0.00	\$193.97
106639	Metal Base Cabinet Healthcare – Up To 36" Tall and 28" Deep Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$252.81	\$0.00	\$305.13
106640	Metal Base Cabinet Healthcare – Up To 36" Tall and 28" Deep (With Casters) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$267.12	\$0.00	\$319.44
106641	Metal Healthcare Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,014.00	\$0.00	\$2,275.65

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		Units	Labor	Material	Equipment	Total
106642	Metal Healthcare Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,524.49	\$0.00	\$3,786.14
106643	Metal Healthcare Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,316.10	\$0.00	\$2,577.75
106644	Metal Healthcare Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$4,053.18	\$0.00	\$4,314.83
106645	Stainless Steel Open Wall Shelving Healthcare – Up To 2 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$180.75	\$0.00	\$206.91
106646	Stainless Steel Open Wall Shelving Healthcare – Up To 3 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$198.83	\$0.00	\$224.99
106647	Stainless Steel Open Wall Shelving Healthcare – Up To 4 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$216.91	\$0.00	\$243.07
106648	Stainless Steel Wall Cabinet Healthcare – Up To 24" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$222.78	\$0.00	\$257.67
106649	Stainless Steel Wall Cabinet Healthcare – Up To 32" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$262.10	\$0.00	\$296.99
106650	Stainless Steel Wall Cabinet Healthcare – Up To 24" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$256.20	\$0.00	\$291.09
106651	Stainless Steel Wall Cabinet Healthcare – Up To 32" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$301.41	\$0.00	\$336.30

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		Units	Labor	Material	Equipment	Total
106652	Stainless Steel Base Cabinet Healthcare – Up To 36" Tall and 28" Deep Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$479.01	\$0.00	\$531.33
106653	Stainless Steel Base Cabinet Healthcare – Up To 36" Tall and 28" Deep (With Casters) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$506.12	\$0.00	\$558.44
106654	Stainless Steel Healthcare Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,815.99	\$0.00	\$4,077.64
106655	Stainless Steel Healthcare Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$6,678.00	\$0.00	\$6,939.65
106656	Stainless Steel Healthcare Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$4,388.40	\$0.00	\$4,650.05
106657	Stainless Steel Healthcare Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$7,679.70	\$0.00	\$7,941.35
106658	Wood Open Wall Shelving Healthcare – Up To 2 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$100.42	\$0.00	\$126.58
106659	Wood Open Wall Shelving Healthcare – Up To 3 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$110.47	\$0.00	\$136.63
106660	Wood Open Wall Shelving Healthcare – Up To 4 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$120.51	\$0.00	\$146.67
106661	Wood Wall Cabinet Healthcare – Up To 24" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$123.77	\$0.00	\$158.66

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		Units	Labor	Material	Equipment	Total
106662	Wood Wall Cabinet Healthcare – Up To 32" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$145.61	\$0.00	\$180.50
106663	Wood Wall Cabinet Healthcare – Up To 24" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$142.33	\$0.00	\$177.22
106664	Wood Wall Cabinet Healthcare – Up To 32" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$167.45	\$0.00	\$202.34
106665	Wood Base Cabinet Healthcare – Up To 36" Tall and 28" Deep Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$266.12	\$0.00	\$318.44
106666	Wood Base Cabinet Healthcare – Up To 36" Tall and 28" Deep (With Casters) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$281.17	\$0.00	\$333.49
106667	Wood Healthcare Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,120.00	\$0.00	\$2,381.65
106668	Wood Healthcare Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,710.00	\$0.00	\$3,971.65
106669	Wood Healthcare Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,438.00	\$0.00	\$2,699.65
106670	Wood Healthcare Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$4,266.50	\$0.00	\$4,528.15
106671	Plastic Laminate Open Wall Shelving Healthcare – Up To 2 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$80.33	\$0.00	\$106.49

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		Units	Labor	Material	Equipment	Total
106672	Plastic Laminate Open Wall Shelving Healthcare – Up To 3 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$88.37	\$0.00	\$114.53
106673	Plastic Laminate Open Wall Shelving Healthcare – Up To 4 Shelves Includes shelving, supports, trim pieces and related hardware.	LF	\$26.16	\$96.40	\$0.00	\$122.56
106674	Plastic Laminate Wall Cabinet Healthcare – Up To 24" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$99.02	\$0.00	\$133.91
106675	Plastic Laminate Wall Cabinet Healthcare – Up To 32" Tall (Solid Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$116.49	\$0.00	\$151.38
106676	Plastic Laminate Wall Cabinet Healthcare – Up To 24" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$113.87	\$0.00	\$148.76
106677	Plastic Laminate Wall Cabinet Healthcare – Up To 32" Tall (Glass Fronts) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$34.89	\$133.96	\$0.00	\$168.85
106678	Plastic Laminate Base Cabinet Healthcare – Up To 36" Tall and 28" Deep Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$212.90	\$0.00	\$265.22
106679	Plastic Laminate Base Cabinet Healthcare – Up To 36" Tall and 28" Deep (With Casters) Includes all draws, doors, shelving, trim pieces and related hardware.	LF	\$52.32	\$224.94	\$0.00	\$277.26
106680	Plastic Laminate Healthcare Storage Case – Up To 4' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$1,695.99	\$0.00	\$1,957.64
106681	Plastic Laminate Healthcare Storage Case – Up To 8' X 7' X 1.5' (Solid Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$2,968.00	\$0.00	\$3,229.65

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		Units	Labor	Material	Equipment	Total
106682	Plastic Laminate Healthcare Storage Case – Up To 4' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$1,950.40	\$0.00	\$2,212.05
106683	Plastic Laminate Healthcare Storage Case – Up To 8' X 7' X 1.5' (Glass Fronts) Includes a chemical resistant finish. Includes all draws, doors, shelving, trim pieces and related hardware.	EA	\$261.65	\$3,413.20	\$0.00	\$3,674.85
106684	Stainless Steel Operating Room Storage Console – Up To 4' X 7' Steris or equal	EA	\$523.30	\$3,710.00	\$0.00	\$4,233.30
106685	[Modifier] Small Quantity of Cabinets <16 LF Quantity premium can be used when total quantity in section 12-35-70 Healthcare Casework are within stated quantity. Can be applied cumulatively to base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

12-36-00 Countertops

12-36-13 Concrete Countertops

106686	Concrete Countertop – Economy Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$41.07	\$0.00	\$51.53
106687	Concrete Countertop – Standard Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$62.60	\$0.00	\$73.06
106688	Concrete Countertop – Premium Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$84.11	\$0.00	\$94.57
106689	Backsplash - Concrete Countertop, Up To 4" Excludes Countertop	LF	\$2.62	\$7.40	\$0.00	\$10.02
106690	Concrete Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106691	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42
106692	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-13 Concrete Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41

12-36-16 Metal Countertops

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		Units	Labor	Material	Equipment	Total
106693	Stainless Steel Countertop Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$72.01	\$0.00	\$82.47
106694	Backsplash - Stainless Steel Countertop, Up To 4" Excludes Countertop	LF	\$2.62	\$7.40	\$0.00	\$10.02
106695	Stainless Steel Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106696	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42
106697	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-16 Metal Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-36-19 Wood Countertops						
106698	Wood Countertop – Economy Birch or equal and fully finished. Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$45.51	\$0.00	\$55.97
106699	Wood Countertop – Standard Walnut or equal and fully finished. Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$69.36	\$0.00	\$79.82
106700	Wood Countertop – Premium Exotic woods and fully finished. Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$93.20	\$0.00	\$103.66
106701	Backsplash - Wood Countertop, Up To 4" Excludes Countertop	LF	\$2.62	\$7.40	\$0.00	\$10.02
106702	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42
106703	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-19 Wood Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-36-23 Plastic Countertops						

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106704	Plastic Laminate Countertop – Economy Finished plastic laminate edges in a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$17.94	\$0.00	\$28.40
106705	Plastic Laminate Countertop – Standard Finished plastic laminate edges in a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$21.66	\$0.00	\$32.12
106706	Plastic Laminate Countertop – Premium Finished plastic laminate edges in a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$25.37	\$0.00	\$35.83
106707	Plastic Laminate Countertop – Up To 4" Backsplash	LF	\$2.62	\$3.16	\$0.00	\$5.78
106708	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42
106709	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-23 Plastic Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-36-26 Glass Countertops						
106710	Glass Countertop – Economy Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$43.23	\$0.00	\$53.69
106711	Glass Countertop – Standard Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$65.89	\$0.00	\$76.35
106712	Glass Countertop – Premium Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$88.55	\$0.00	\$99.01
106713	Glass Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106714	Glass Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106715	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42

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		Units	Labor	Material	Equipment	Total
106716	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-26 Glass Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-36-40 Stone Countertops						
106717	Granite Countertop – Economy Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$45.51	\$0.00	\$55.97
106718	Granite Countertop – Standard Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$69.36	\$0.00	\$79.82
106719	Granite Countertop – Premium Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$93.20	\$0.00	\$103.66
106720	Granite Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106721	Granite Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106722	Marble Countertop – Economy Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$52.33	\$0.00	\$62.79
106723	Marble Countertop – Standard Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$79.76	\$0.00	\$90.22
106724	Marble Countertop – Premium Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$107.19	\$0.00	\$117.65
106725	Marble Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106726	Marble Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106727	Quartz Countertop – Economy Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$43.23	\$0.00	\$53.69
106728	Quartz Countertop – Standard Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$65.89	\$0.00	\$76.35
106729	Quartz Countertop – Premium Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$88.55	\$0.00	\$99.01
106730	Quartz Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106731	Quartz Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106732	Quartzite Countertop – Economy Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$52.33	\$0.00	\$62.79

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		Units	Labor	Material	Equipment	Total
106733	Quartzite Countertop – Standard Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$79.76	\$0.00	\$90.22
106734	Quartzite Countertop – Premium Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$107.19	\$0.00	\$117.65
106735	Quartzite Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106736	Quartzite Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106737	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42
106738	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-40 Stone Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-36-41 Solid Surface Countertops						
106739	Solid Surface Countertop – Economy Corian or equal. Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$34.90	\$0.00	\$45.36
106740	Solid Surface Countertop – Standard Corian or equal. Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$45.51	\$0.00	\$55.97
106741	Solid Surface Countertop – Premium Corian or equal. Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$56.11	\$0.00	\$66.57
106742	Solid Surface Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106743	Solid Surface Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106744	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42

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		Units	Labor	Material	Equipment	Total
106745	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-41 Solid Surface Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-36-53 Laboratory Countertops						
106746	Epoxy Resin Countertop – Black Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$48.69	\$0.00	\$59.15
106747	Epoxy Resin Countertop – Color Other Than Black Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$58.43	\$0.00	\$68.89
106748	Epoxy Resin Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106749	Epoxy Resin Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106750	Phenolic Resin Countertop – Black Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$46.25	\$0.00	\$56.71
106751	Phenolic Resin Countertop – Color Other Than Black Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$55.50	\$0.00	\$65.96
106752	Phenolic Resin Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106753	Phenolic Resin Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106754	Chemical Resistant Plastic Laminate Countertop Finished plastic laminate edges in a variety of square, rounded, or ogee profiles. Includes sink cutouts	LF	\$10.46	\$25.37	\$0.00	\$35.83
106755	Chemical Resistant Plastic Laminate Countertop – Up To 4" Backsplash	LF	\$2.62	\$3.16	\$0.00	\$5.78
106756	Stainless Steel Countertop Includes a variety of square, rounded, or ogee profiles. Includes sink cutouts	SF	\$10.46	\$72.01	\$0.00	\$82.47
106757	Stainless Steel Countertop – Up To 4" Backsplash	LF	\$2.62	\$7.40	\$0.00	\$10.02
106758	Stainless Steel Integral Sink	EA	\$87.22	\$318.00	\$0.00	\$405.22
106759	[Modifier] Wall Mounted Application For use with direct wall mounting and Knee space applications. Includes all brackets and wall mounting hardware	LF	\$5.23	\$4.19	\$0.00	\$9.42

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		Units	Labor	Material	Equipment	Total
106760	[Modifier] Small Quantity of Countertops < 8 SF Quantity premium can be used when total quantity in section 12-36-53 Laboratory Countertops are within stated quantity. Can be applied cumulatively to base line items.	SF	\$65.41	\$0.00	\$0.00	\$65.41
12-40-00 Furnishings and Accessories						
12-48-00 Rugs and Mats						
12-48-13 Entrance Floor Mats and Frames						
106761	Entrance Grid Flooring – Roll-Up Hinged. Stainless Steel With Recessed Frame Pedigrid or equal	SF	\$6.36	\$40.70	\$0.00	\$47.06
106762	Entrance Grid Flooring – Roll-Up Hinged. Aluminum With Recessed Frame Pedigrid or equal	SF	\$6.36	\$29.89	\$0.00	\$36.25
106763	Entrance Grid Flooring – Roll-Up Hinged. Galvanized Steel With Recessed Frame Pedigrid or equal	SF	\$6.36	\$19.08	\$0.00	\$25.44
106764	Entrance Mat – Surface Mounted Aluminum With Carpet Inserts Pedimat or equal	SF	\$3.48	\$8.48	\$0.00	\$11.96
106765	Entrance Mat – Recessed Aluminum With Carpet Inserts and Frame Pedimat or equal	SF	\$3.48	\$12.73	\$0.00	\$16.21
12-50-00 Furniture						
12-51-00 Office Furniture						
12-51-00 Office Furniture						
106766	Standard Filing Cabinet – Metal (2 Drawer Tall) Includes Lock-Set	EA	\$45.11	\$190.80	\$0.00	\$235.91
106767	Standard Filing Cabinet – Metal (3 Drawer Tall) Includes Lock-Set	EA	\$45.11	\$243.80	\$0.00	\$288.91
106768	Standard Filing Cabinet – Metal (4 Drawer Tall) Includes Lock-Set	EA	\$45.11	\$296.80	\$0.00	\$341.91
106769	Standard Filing Cabinet – Metal (5 Drawer Tall) Includes Lock-Set	EA	\$45.11	\$402.81	\$0.00	\$447.92
106770	Standard Filing Cabinet – Metal (2 Drawer Tall) – 1 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$572.39	\$0.00	\$617.50
106771	Standard Filing Cabinet – Metal (3 Drawer Tall) – 1 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$731.40	\$0.00	\$776.51
106772	Standard Filing Cabinet – Metal (4 Drawer Tall) – 1 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$890.39	\$0.00	\$935.50

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		Units	Labor	Material	Equipment	Total
106773	Standard Filing Cabinet – Metal (5 Drawer Tall) – 1 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$1,208.39	\$0.00	\$1,253.50
106774	Standard Filing Cabinet – Metal (2 Drawer Tall) – 2 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$1,144.80	\$0.00	\$1,189.91
106775	Standard Filing Cabinet – Metal (3 Drawer Tall) – 2 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$1,462.80	\$0.00	\$1,507.91
106776	Standard Filing Cabinet – Metal (4 Drawer Tall) – 2 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$1,780.80	\$0.00	\$1,825.91
106777	Standard Filing Cabinet – Metal (5 Drawer Tall) – 2 Hour Fire Rated Includes Lock-Set	EA	\$45.11	\$2,416.80	\$0.00	\$2,461.91

12-59-00 Systems Furniture

12-59-16 Free-Standing Component System Furniture

106778	Work Station - Cantilevered, 50" High Panels with Tackable Surface Includes L shaped laminate work surface (36"w x 24"d and 72"w x 24"d), electrical pass thru cables and harness, receptacles and power pole, matching file cabinet w/lock	EA	\$410.27	\$4,693.50	\$0.00	\$5,103.77
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12-60-00 Multiple Seating

12-61-00 Fixed Audience Seating

12-61-00 Fixed Audience Seating

106779	Auditorium Seating – Steel Frame Plastic Seat and Back	EA	\$43.61	\$159.01	\$0.00	\$202.62
106780	Auditorium Seating – Steel Frame Plastic Seat and Back With Wood Arm Rest	EA	\$43.61	\$212.00	\$0.00	\$255.61
106781	Auditorium Seating – Steel Frame Plastic Seat and Back With Wood Arm Rest and Tablet Arm	EA	\$43.61	\$265.00	\$0.00	\$308.61
106782	Auditorium Seating – Steel Frame Vinyl Upholstered Seat and Back	EA	\$43.61	\$221.54	\$0.00	\$265.15
106783	Auditorium Seating – Steel Frame Vinyl Upholstered Seat and Back With Wood Arm Rest	EA	\$43.61	\$271.89	\$0.00	\$315.50
106784	Auditorium Seating – Steel Frame Vinyl Upholstered Seat and Back With Wood Arm Rest and Tablet Arm	EA	\$43.61	\$322.24	\$0.00	\$365.85
106785	Auditorium Seating – Steel Frame Fabric Upholstered Seat and Back	EA	\$43.61	\$233.19	\$0.00	\$276.80

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		Units	Labor	Material	Equipment	Total
106786	Auditorium Seating – Steel Frame Fabric Upholstered Seat and Back With Wood Arm Rest	EA	\$43.61	\$286.20	\$0.00	\$329.81
106787	Auditorium Seating – Steel Frame Fabric Upholstered Seat and Back With Wood Arm Rest and Tablet Arm	EA	\$43.61	\$339.20	\$0.00	\$382.81
106788	Auditorium Seating – Steel Frame Leather Upholstered Seat and Back	EA	\$43.61	\$498.21	\$0.00	\$541.82
106789	Auditorium Seating – Steel Frame Leather Upholstered Seat and Back With Wood Arm Rest	EA	\$43.61	\$604.20	\$0.00	\$647.81
106790	Auditorium Seating – Steel Frame Leather Upholstered Seat and Back With Wood Arm Rest and Tablet Arm	EA	\$43.61	\$710.20	\$0.00	\$753.81
106791	Auditorium Seating – Recliner Steel Frame Vinyl Upholstered Seat and Back	EA	\$65.41	\$1,983.79	\$0.00	\$2,049.20
106792	Auditorium Seating – Recliner Steel Frame Fabric Upholstered Seat and Back	EA	\$65.41	\$2,088.20	\$0.00	\$2,153.61
106793	Auditorium Seating – Recliner Steel Frame Leather Upholstered Seat and Back	EA	\$65.41	\$2,883.20	\$0.00	\$2,948.61
106794	[Modifier] Integrally Wired Power and Data at Auditorium Seat	EA	\$58.14	\$106.00	\$0.00	\$164.14
12-63-00 Stadium and Arena Seating						
12-63-00 Stadium and Arena Seating						
106795	Arena Seating – Plastic Hussey or equal. Includes all mounting hardware	EA	\$43.61	\$106.00	\$0.00	\$149.61
106796	Arena Seating – Plastic With Padded Seat and Back Hussey or equal. Includes all mounting hardware	EA	\$43.61	\$127.20	\$0.00	\$170.81
106797	Arena Bench Seating Hussey or equal. Includes all mounting hardware	SEAT	\$37.38	\$63.60	\$0.00	\$100.98
106798	Arena Bench Seating – Padded Hussey or equal. Includes all mounting hardware	SEAT	\$37.38	\$79.50	\$0.00	\$116.88
12-63-13 Stadium and Arena Bench Seating						
106799	Aluminum Bleachers Up To 4 Rows – Chain Link Guard Railing, Open Toe	SEAT	\$34.03	\$106.00	\$0.00	\$140.03
106800	Aluminum Bleachers Up To 5 Rows – Chain Link Guard Railing, Open Toe	SEAT	\$35.39	\$110.25	\$0.00	\$145.64
106801	Aluminum Bleachers Up To 6 Rows – Chain Link Guard Railing, Open Toe	SEAT	\$37.17	\$115.76	\$0.00	\$152.93
106802	Aluminum Bleachers Up To 7 Rows – Chain Link Guard Railing, Open Toe	SEAT	\$39.02	\$121.53	\$0.00	\$160.55
106803	Aluminum Bleachers Up To 8 Rows – Chain Link Guard Railing, Open Toe	SEAT	\$40.95	\$127.62	\$0.00	\$168.57

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		Units	Labor	Material	Equipment	Total
106804	Aluminum Bleachers Up To 9 Rows – Chain Link Guard Railing, Open Toe	SEAT	\$43.00	\$133.99	\$0.00	\$176.99
106805	Aluminum Bleachers Up To 10 and Greater Rows – Chain Link Guard Railing, Open Toe	SEAT	\$45.15	\$140.70	\$0.00	\$185.85
106806	Aluminum Bleachers Up To 4 Rows – Pipe Guard Railing, Open Toe	SEAT	\$34.03	\$111.29	\$0.00	\$145.32
106807	Aluminum Bleachers Up To 5 Rows – Pipe Guard Railing, Open Toe	SEAT	\$35.39	\$115.76	\$0.00	\$151.15
106808	Aluminum Bleachers Up To 6 Rows – Pipe Guard Railing, Open Toe	SEAT	\$37.17	\$121.53	\$0.00	\$158.70
106809	Aluminum Bleachers Up To 7 Rows – Pipe Guard Railing, Open Toe	SEAT	\$39.02	\$127.62	\$0.00	\$166.64
106810	Aluminum Bleachers Up To 8 Rows – Pipe Guard Railing, Open Toe	SEAT	\$40.95	\$133.99	\$0.00	\$174.94
106811	Aluminum Bleachers Up To 9 Rows – Pipe Guard Railing, Open Toe	SEAT	\$43.00	\$140.70	\$0.00	\$183.70
106812	Aluminum Bleachers Up To 10 and Greater Rows – Pipe Guard Railing, Open Toe	SEAT	\$45.15	\$147.73	\$0.00	\$192.88
106813	Aluminum Bleachers Up To 4 Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$39.13	\$114.48	\$0.00	\$153.61
106814	Aluminum Bleachers Up To 5 Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$40.69	\$119.06	\$0.00	\$159.75
106815	Aluminum Bleachers Up To 6 Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$42.72	\$125.02	\$0.00	\$167.74
106816	Aluminum Bleachers Up To 7 Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$44.88	\$131.26	\$0.00	\$176.14
106817	Aluminum Bleachers Up To 8 Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$47.10	\$137.82	\$0.00	\$184.92
106818	Aluminum Bleachers Up To 9 Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$49.46	\$144.72	\$0.00	\$194.18
106819	Aluminum Bleachers Up To 10 and Greater Rows – Chain Link Guard Railing, With Closed Riser Plate	SEAT	\$51.91	\$151.95	\$0.00	\$203.86
106820	Aluminum Bleachers Up To 4 Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$39.13	\$120.21	\$0.00	\$159.34
106821	Aluminum Bleachers Up To 5 Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$40.69	\$125.02	\$0.00	\$165.71
106822	Aluminum Bleachers Up To 6 Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$42.72	\$131.26	\$0.00	\$173.98

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		Units	Labor	Material	Equipment	Total
106823	Aluminum Bleachers Up To 7 Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$44.88	\$137.82	\$0.00	\$182.70
106824	Aluminum Bleachers Up To 8 Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$47.10	\$144.72	\$0.00	\$191.82
106825	Aluminum Bleachers Up To 9 Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$49.46	\$151.95	\$0.00	\$201.41
106826	Aluminum Bleachers Up To 10 and Greater Rows – Pipe Guard Railing, With Closed Riser Plate	SEAT	\$51.91	\$159.55	\$0.00	\$211.46

12-66-00 Telescoping Stands

12-66-00 Telescoping Stands

106827	Telescoping Bleachers With Bench Seating Hussey or equal. Includes all railings, stairs, installation hardware, and controls	SEAT	\$26.16	\$116.41	\$0.00	\$142.57
106828	Telescoping Bleachers With Bench Seating – Padded Hussey or equal. Includes all railings, stairs, installation hardware, and controls	SEAT	\$26.16	\$127.01	\$0.00	\$153.17
106829	Telescoping Bleachers With Fold Down Seats – Plastic Hussey or equal. Includes all railings, stairs, installation hardware, and controls	SEAT	\$34.89	\$318.00	\$0.00	\$352.89
106830	Telescoping Bleachers With Fold Down Seats – Plastic With Padded Seat and Back Hussey or equal. Includes all railings, stairs, installation hardware, and controls	SEAT	\$34.89	\$360.01	\$0.00	\$394.90

12-67-00 Pews and Benches

12-67-13 Pews

All solid oak unless noted otherwise

106831	Wood Pew With Backs – Hardwood With Bookracks and Enhanced Routing All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$137.80	\$0.00	\$163.96
106832	Wood Pew With Backs – Vinyl Upholstered With Bookracks and Enhanced Routing All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$159.01	\$0.00	\$185.17
106833	Wood Pew With Backs – Fabric Upholstered With Bookracks and Enhanced Routing All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$169.60	\$0.00	\$195.76

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		Units	Labor	Material	Equipment	Total
106834	Wood Pew With Backs – Leather Upholstered With Bookracks and Enhanced Routing All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$212.00	\$0.00	\$238.16
106835	[Modifier] Small Quantity of Pews <16 LF Quantity premium can be used when total quantity in section 12-67-13 Pews are within stated quantity. Can be applied cumulatively to base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

12-67-23 Benches

All solid oak unless noted otherwise

106836	Wood Bench With Backs – Hardwood All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$116.60	\$0.00	\$142.76
106837	Wood Bench With Backs – Vinyl Upholstered All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$137.80	\$0.00	\$163.96
106838	Wood Bench With Backs – Fabric Upholstered All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$148.40	\$0.00	\$174.56
106839	Wood Bench With Backs – Leather Upholstered All stained and sealed wood with finished wood end panels & Back. Anchored to floor	LF	\$26.16	\$190.80	\$0.00	\$216.96
106840	Wood Bench – Hardwood All stained and sealed wood. Anchored to floor	LF	\$20.93	\$53.00	\$0.00	\$73.93
106841	Wood Bench – Vinyl Upholstered All stained and sealed wood. Anchored to floor	LF	\$20.93	\$63.60	\$0.00	\$84.53
106842	Wood Bench – Fabric Upholstered All stained and sealed wood. Anchored to floor	LF	\$20.93	\$68.90	\$0.00	\$89.83
106843	Wood Bench – Leather Upholstered All stained and sealed wood. Anchored to floor	LF	\$20.93	\$90.10	\$0.00	\$111.03
106844	[Modifier] Small Quantity of Benches <16 LF Quantity premium can be used when total quantity in section 12-67-23 Benches are within stated quantity. Can be applied cumulatively to base line items.	LF	\$32.71	\$0.00	\$0.00	\$32.71

12-90-00 Other Furnishings

12-92-00 Interior Planters and Artificial Plants

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		Units	Labor	Material	Equipment	Total
12-92-43 Landscaping Accessories						
106845	Living Wall System Includes 4" thick growing panels with mature plantings, delivery and installation with irrigation and catch basin	SF	\$18.26	\$119.94	\$0.00	\$138.20
106846	Green Wall Trellis For interior or exterior use. Includes trellis system and standoffs mounted to substrate. Refer to Division 32 for plantings	SF	\$3.48	\$11.64	\$0.00	\$15.12
13-00-00 Special Construction						
13-00-00 Special Construction						
13-01-00 Operation and Maintenance of Special Construction						
13-01-11 Operation and Maintenance of Swimming Pools						
106847	Remove and Replace Pool Gutter System Includes removal of gutter system and recasting new coping with stainless steel gutter system and supply tube	LF	\$364.08	\$190.80	\$0.00	\$554.88
106848	Remove and Replace Fiberglass In Pool (> 500 SF) Includes removal of Fiberglass, drilling, dowelling, reinforcing, and new Fiberglass	SF	\$27.24	\$7.00	\$0.00	\$34.24
106849	Remove and Replace Fiberglass In Pool (101-500 SF) Includes removal of Fiberglass, drilling, dowelling, reinforcing, and new Fiberglass	SF	\$31.89	\$8.26	\$0.00	\$40.15
106850	Remove and Replace Fiberglass In Pool (51-100 SF) Includes removal of Fiberglass, drilling, dowelling, reinforcing, and new Fiberglass	SF	\$38.46	\$9.54	\$0.00	\$48.00
106851	Remove and Replace Fiberglass In Pool (< Or = To 50 SF) Includes removal of Fiberglass, drilling, dowelling, reinforcing, and new Fiberglass	SF	\$48.42	\$10.81	\$0.00	\$59.23
106852	Remove and Replace Gunite In Pool (> 500 SF) Includes removal of Gunite, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$38.15	\$11.65	\$0.00	\$49.80
106853	Remove and Replace Gunite In Pool (101-500 SF) Includes removal of Gunite, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$44.65	\$13.77	\$0.00	\$58.42
106854	Remove and Replace Gunite In Pool (51-100 SF) Includes removal of Gunite, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$53.84	\$15.90	\$0.00	\$69.74

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106855	Remove and Replace Gunite In Pool (< Or = To 50 SF) Includes removal of Gunite, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$67.78	\$18.02	\$0.00	\$85.80
106856	Remove and Replace Concrete In Pool (> 500 SF) Includes removal of concrete, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$42.38	\$12.82	\$0.00	\$55.20
106857	Remove and Replace Concrete In Pool (101-500 SF) Includes removal of concrete, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$49.61	\$15.16	\$0.00	\$64.77
106858	Remove and Replace Concrete In Pool (51-100 SF) Includes removal of concrete, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$59.82	\$17.49	\$0.00	\$77.31
106859	Remove and Replace Concrete In Pool (< Or = To 50 SF) Includes removal of concrete, drilling, dowelling, reinforcing, pouring, and finishing	SF	\$75.31	\$19.82	\$0.00	\$95.13
106860	Re-Grout Pool Tile With Non-Epoxy Grout Includes removal of existing grout, cleaning, and re-grouting	SF	\$3.82	\$1.17	\$0.00	\$4.99
106861	Re-Grout Pool Tile With Epoxy Grout Includes removal of existing grout, cleaning, and re-grouting	SF	\$6.98	\$2.12	\$0.00	\$9.10
106862	Remove and Replace Existing Pool Tile Includes removal of existing tile, cleaning, application of waterproofing, and replacing with Manufacturer's standard pool tiles and epoxy grout	SF	\$18.20	\$14.84	\$0.00	\$33.04
106863	Replaster Existing Pool Includes removal of loose plaster, cleaning, and application of new plaster and screeding	SF	\$8.72	\$5.30	\$0.00	\$14.02
106864	Pool Grab Rails	EA	\$523.30	\$890.39	\$0.00	\$1,413.69
106865	Backstroke / Starting Bock Anchors	EA	\$523.30	\$424.00	\$0.00	\$947.30
106866	Restore Pool Lane Lines	LF	\$6.98	\$2.12	\$0.00	\$9.10
106867	Remove and Replace Pool Depth Markers	EA	\$872.17	\$530.00	\$0.00	\$1,402.17
106868	Remove and Replace Pool Rope Cup Anchors	EA	\$418.65	\$212.00	\$0.00	\$630.65
106869	Remove and Replace Pool Liner	SF	\$2.77	\$5.08	\$0.00	\$7.85
106870	Saw Cut Pool	LF	\$13.09	\$0.00	\$0.00	\$13.09

13-10-00 Special Facility Components

13-11-00 Swimming Pools

13-11-13 Below-Grade Swimming Pools

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106871	Competition Cast In Place Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$145.36	\$170.23	\$0.00	\$315.59
106872	Competition Gunite Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$121.13	\$136.19	\$0.00	\$257.32
106873	Competition Fiberglass Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$110.12	\$122.57	\$0.00	\$232.69
106874	Residential Cast In Place Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$69.77	\$82.68	\$0.00	\$152.45
106875	Residential Gunite Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$58.14	\$68.90	\$0.00	\$127.04
106876	Residential Liner Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$48.45	\$55.12	\$0.00	\$103.57
106877	Residential Fiberglass Drop In Pool – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, heater, deck equipment, and maintenance equipment. SF = Pool water surface area	SF	\$40.38	\$44.09	\$0.00	\$84.47

13-11-20 Semi-Below-Grade Swimming Pools

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106878	18' Round – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,539.13	\$6,489.32	\$0.00	\$8,028.45
106879	24' Round – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,688.07	\$8,803.30	\$0.00	\$10,491.37
106880	27' Round – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,744.33	\$10,123.00	\$0.00	\$11,867.33
106881	30' Round – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,868.93	\$12,147.60	\$0.00	\$14,016.53
106882	12'6" X 21' Oval – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$2,012.70	\$7,261.00	\$0.00	\$9,273.70
106883	15' X 24' Oval – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$2,378.64	\$7,919.26	\$0.00	\$10,297.90
106884	15' X 30' Oval – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$2,754.22	\$8,893.40	\$0.00	\$11,647.62
106885	18' X 33' Oval – 52" Total Depth – Semi-Below-Grade Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$3,078.24	\$9,775.32	\$0.00	\$12,853.56
106886	[Modifier] Saltwater System	EA	\$0.00	\$689.00	\$0.00	\$689.00
13-11-23	On-Grade Swimming Pools					
106887	12' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$575.06	\$2,559.90	\$0.00	\$3,134.96

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106888	12' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$575.06	\$3,330.52	\$0.00	\$3,905.58
106889	15' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$601.50	\$2,694.51	\$0.00	\$3,296.01
106890	15' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$601.50	\$3,357.02	\$0.00	\$3,958.52
106891	18' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$638.17	\$2,835.50	\$0.00	\$3,473.67
106892	18' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$638.17	\$3,498.01	\$0.00	\$4,136.18
106893	21' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$737.05	\$3,074.00	\$0.00	\$3,811.05
106894	21' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$737.05	\$3,763.00	\$0.00	\$4,500.05
106895	24' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$817.66	\$3,202.26	\$0.00	\$4,019.92
106896	24' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$817.66	\$3,891.26	\$0.00	\$4,708.92

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106897	27' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$886.95	\$3,330.52	\$0.00	\$4,217.47
106898	27' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$886.95	\$4,019.52	\$0.00	\$4,906.47
106899	30' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$951.45	\$3,498.01	\$0.00	\$4,449.46
106900	30' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$951.45	\$4,187.00	\$0.00	\$5,138.45
106901	33' Round – 52" Height – Steel Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,026.08	\$3,672.90	\$0.00	\$4,698.98
106902	33' Round – 54" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,026.08	\$4,361.90	\$0.00	\$5,387.98
106903	12' X 23' Oval – 52" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,495.15	\$4,050.26	\$0.00	\$5,545.41
106904	15' X 30' Oval – 52" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$1,744.33	\$4,905.68	\$0.00	\$6,650.01
106905	15' X 33' Oval – 52" Height – Aluminum Framed – Above Ground Pool Includes filter, pump, pool accessories, cover, site preparation, and 4" sand sitting bed	EA	\$2,180.42	\$5,240.64	\$0.00	\$7,421.06

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106906	[Modifier] Saltwater System	EA	\$0.00	\$689.00	\$0.00	\$689.00
13-11-46 Swimming Pool Accessories						
106907	Pool Ladder – Stainless Steel Up To 3 Step and 24" Wide	EA	\$174.43	\$689.00	\$0.00	\$863.43
106908	Elevated Lifeguard Chair – Stainless Steel	EA	\$261.65	\$2,650.00	\$0.00	\$2,911.65
106909	Pool ADA Lift – Up To 750 LB Capacity	EA	\$1,046.60	\$9,540.00	\$0.00	\$10,586.60
106910	Pool ADA Lift – Up to 400 LB Capacity	EA	\$697.74	\$5,830.00	\$0.00	\$6,527.74
106911	Stainless Steel Pool Railing	LF	\$43.61	\$252.24	\$0.00	\$295.85
106912	Pool ADA Ramp Includes all rails and concrete sleeves	EA	\$1,495.15	\$9,009.99	\$0.00	\$10,505.14
106913	Pool Timing System – Per Competition Pool Pricing based upon Colorado Timing system includes all: touch pads (up to 12) mounting, wiring to all required points, lights and horns, software and hardware	EA	\$4,186.41	\$33,592.03	\$0.00	\$37,778.44
106914	Pool Scoreboard and Pace Clock – Per Competition Pool Pricing based upon Colorado LED Video Display system includes all: wiring to all required points, video controller horns, software and hardware.	EA	\$8,372.82	\$93,683.99	\$0.00	\$102,056.81
106915	Diving – 1 Meter Diving Board System Includes board, base, ladder, and adjustment wheel	EA	\$3,488.67	\$11,129.99	\$0.00	\$14,618.66
106916	Diving – 3 Meter Diving Board System Includes board, base, ladder, and adjustment wheel	EA	\$7,475.74	\$22,260.00	\$0.00	\$29,735.74
13-11-53 Movable Pool Bulkheads						
106917	Pool Bulkhead – Up To 4' Wide Fiberglass Or Equal	LF	\$523.30	\$2,756.00	\$0.00	\$3,279.30
13-12-00 Fountains						
13-12-13 Exterior / Interior Fountains						
106918	Splash Pad Includes Excavation, structure, texture colored concrete finishes, mats and padding, circulation / chemical treatment system, deck equipment, maintenance equipment, all hydro jets & controls	SF	\$58.14	\$68.90	\$0.00	\$127.04
106919	Water Feature Concrete, single tier up to 25'-0" Diameter with a single spray	SF	\$69.77	\$82.68	\$0.00	\$152.45
13-17-00 Tubs and Pools						
13-17-23 Therapeutic Pools						
106920	Moveable Hydro-Therapy Tub (Warm) – Stainless Steel – Up To 110 Gallon Capacity	EA	\$436.08	\$6,571.99	\$0.00	\$7,008.07

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106921	Moveable Hydro-Therapy Tub (Cold) – Stainless Steel – Up To 110 Gallon Capacity	EA	\$436.08	\$7,731.76	\$0.00	\$8,167.84
106922	Hydro-Therapy Tub (Warm) – Acrylic Shell – Up To 400 Gallon Capacity Includes water heating unit, skimmer, pump, controls, tile finish, steps, benches, and cover, for a complete tub system	EA	\$2,616.50	\$19,306.53	\$0.00	\$21,923.03
106923	Hydro-Therapy Tub (Warm) – Stainless Shell – Up To 400 Gallon Capacity Includes water heating unit, skimmer, pump, controls, tile finish, steps, benches, and cover, for a complete tub system	EA	\$2,616.50	\$30,404.87	\$0.00	\$33,021.37
106924	Hydro-Therapy Tub (Cold) – Acrylic Shell – Up To 400 Gallon Capacity Includes water cooling unit, skimmer, pump, controls, tile finish, steps, benches, and cover, for a complete tub system	EA	\$2,616.50	\$22,713.57	\$0.00	\$25,330.07
106925	Hydro-Therapy Tub (Cold) – Stainless Shell – Up To 400 Gallon Capacity Includes water cooling unit, skimmer, pump, controls, tile finish, steps, benches, and cover, for a complete tub system	EA	\$2,616.50	\$35,770.43	\$0.00	\$38,386.93
13-17-33 Whirlpool Tubs						
106926	CIP Whirlpool Spa – Pool SF Includes Excavation, structure, pool finishes, circulation / chemical treatment system, deck equipment, maintenance equipment. Includes Hydrotherapy Jets. SF = Pool water surface area	SF	\$261.65	\$361.46	\$0.00	\$623.11
13-18-00 Ice Rinks						
13-18-00 Ice Rinks						
106927	Ice Rink and Dasher Boards Price Includes rink concrete slab, dasher boards, refrigeration, plumbing, and cooling coils	SF	\$30.33	\$38.86	\$0.00	\$69.19
106928	Dasher Boards Plexiglass post and caps	LF	\$45.52	\$281.84	\$0.00	\$327.36
13-20-00 Special Purpose Rooms						
13-24-00 Special Activity Rooms						
13-24-16 Saunas						
106929	Sauna All wood - Cedar or Mahogany, door with frosted light, bench seating, and heating unit	SF	\$43.36	\$185.50	\$0.00	\$228.86
13-27-00 Vaults						
13-27-53 Security Vaults						

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106930	Vault Door – Bank – Steel Up to 8'-0" tall, 4'-0" Wide and 12" Deep. Includes prehung frame and all controlling, locking, and hinge hardware	EA	\$1,288.97	\$4,664.00	\$0.00	\$5,952.97
106931	Vault Door – Bank – Stainless Steel Up to 8'-0" tall, 4'-0" Wide and 12" Deep. Includes prehung frame and all controlling, locking, and hinge hardware	EA	\$1,288.97	\$8,692.01	\$0.00	\$9,980.98
106932	Modular Fire Vault Up to 32' Long x 34' Wide x 9' High; Pricing includes wall, ceiling panels, track, gasketing, water shield roof deck, vapor barrier, Class 350 and Class 150 Four Hour door and stanchion, inner door and stanchion, HVAC damper assemblies, cable tray assembly and smoke detector activated automatic door closers/holders, Engineering Drawings	SF	\$32.19	\$154.80	\$0.00	\$186.99
106933	Safe – Up To 6 Cubic Feet Up to 6 Cubic Foot Outside Dimension. Heavy duty steel construction with tamper proof keyless locking system	EA	\$150.37	\$5,300.00	\$0.00	\$5,450.37
106934	[Modifier] Safe – Greater Than 6 Cubic Feet Cubic Feet Greater Than 6 Cubic Feet Outside Dimension. Example 8 Cubic Feet = 2 Cubic Feet Add	CF	\$90.23	\$662.50	\$0.00	\$752.73

13-28-00 Athletic and Recreational Special Construction

13-28-00 Athletic and Recreational Special Construction

106935	Squash Courts Includes floor, ceiling, and wall surface, with glass back wall and door. Excludes structural supporting walls surrounding the courts. Anderson Courts and Sports Surfaces, Inc. or equal	EA	\$17,728.18	\$29,641.69	\$0.00	\$47,369.87
106936	Racquetball Courts Includes floor, ceiling, and wall surface, with glass back wall and door. Excludes structural supporting walls surrounding the courts. Anderson Courts and Sports Surfaces, Inc. or equal	EA	\$21,627.99	\$32,596.69	\$0.00	\$54,224.68
106937	Conversion Courts With Movable Back Wall Includes floor, ceiling, and wall surface, with glass back wall and door. Excludes structural supporting walls surrounding the courts. Anderson Courts and Sports Surfaces, Inc. or equal	EA	\$23,111.69	\$39,220.00	\$0.00	\$62,331.69

The Simplebid® UPB

	Units	Labor	Material	Equipment	Total
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13-30-00 Special Structures

13-31-00 Fabric Structures

13-31-00 Fabric Structures

106938	Steel and PTFE Fabric Structure	SF	\$18.57	\$76.32	\$0.00	\$94.89
106939	Steel and PVC Fabric Structure	SF	\$18.57	\$68.37	\$0.00	\$86.94

13-34-00 Fabricated Engineered Structures

13-34-00 Fabricated Engineered Structures

106940	Greenhouse Enclosure – Glass Includes glass panel self-supporting structure and roof. Excludes Foundations and MEP	SF	\$74.06	\$114.48	\$0.00	\$188.54
106941	Pre-Engineered Metal Building Includes steel structure, metal panel sidewalls and roof, manufacturers standard and overhead coiling doors, and lighting. Excludes foundations and MEP	SF	\$18.57	\$28.62	\$0.00	\$47.19
106942	Helipad System Fully supported single rotor pad with cantilevered safety netting, protection barriers for FATO are of elevated pads. Includes pad striping, safety signage, and VGSI ground lighting, and drainage system	SF	\$36.09	\$74.20	\$0.00	\$110.29

13-40-00 Integrated Construction

13-40-00 Integrated Construction

13-40-00 Integrated Construction

106943	Double Cascadian, Double Vault Style Restroom Includes earthwork, delivery, installation, plumbing and electrical. Similar to CXT Concrete Products Double Cascadian 11'-11" x 14'-4"	EA	\$3,960.55	\$55,745.39	\$35,400.00	\$95,105.94
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13-49-00 Radiation Protection

13-49-00 Radiation Protection

106944	Lead Glass With Frame – Up To 1/4" Thick Glass Lead sheets attached to substrate.	SF	\$6.27	\$279.52	\$0.00	\$285.79
106945	1/16" Lead Shielding Lead sheets attached to substrate.	SF	\$5.23	\$4.66	\$0.00	\$9.89
106946	1/8" Lead Shielding Lead sheets attached to substrate.	SF	\$6.54	\$8.75	\$0.00	\$15.29
106947	3/16" Lead Shielding Lead sheets attached to substrate.	SF	\$7.45	\$14.12	\$0.00	\$21.57
106948	Radio Frequency (RF) Shielding – Enclosure SF = Square foot of the room floor area which will receive the RF enclosure	SF	\$34.89	\$63.60	\$0.00	\$98.49

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
106949	Magnetic Shielding – Enclosure SF = Square foot of the room floor area which will receive the Magnetic enclosure	SF	\$34.89	\$63.60	\$0.00	\$98.49
14-00-00 Conveying Equipment						
14-10-00 Dumbwaiters						
14-11-00 Manual Dumbwaiters						
14-11-00 Manual Dumbwaiters						
106950	Dumbwaiter Manual – 2 Stop Up To 150 LB Capacity Dimensions up to 23" x 56" x 48". Metal or Aluminum shaft. Doors and Frame. Includes all related hardware and pulleys. Attached to substrate.	EA	\$2,577.43	\$10,600.00	\$0.00	\$13,177.43
106951	[Modifier] Dumbwaiter Manual – Additional Stops	STOP	\$644.36	\$3,180.01	\$0.00	\$3,824.37
14-12-00 Electric Dumbwaiters						
14-12-00 Electric Dumbwaiters						
106952	Dumbwaiter Electrical – 2 Stop Up To 300 LB Capacity Median dimensions 23" x 56" x 48". Metal or Aluminum shaft. Doors and Frame. Includes motor, controller and push button operations. Attached to substrate.	EA	\$15,464.69	\$29,150.00	\$0.00	\$44,614.69
106953	[Modifier] Dumbwaiter Electrical – Additional Stops	STOP	\$3,866.15	\$7,420.00	\$0.00	\$11,286.15
14-20-00 Elevators						
14-21-00 Electric Traction Elevators						
14-21-13 Electric Traction Freight Elevators						
<i>Standard Cab Finish is Stainless Steel.</i>						
106954	Elevator Traction – Freight, 2 Stop, Front Opening, Up To 5,000 LB Capacity and 150 FPM	EA	\$20,619.43	\$148,400.00	\$0.00	\$169,019.43
106955	[Modifier] Elevator Traction – Freight, Additional Stops Greater Than 2	STOP	\$21,650.33	\$28,620.00	\$0.00	\$50,270.33
106956	[Modifier] Elevator Traction – Freight, Weight Capacity Increase Of 500 LB	EA	\$0.00	\$5,300.00	\$0.00	\$5,300.00
106957	[Modifier] Elevator Traction – Freight, Speed Increase 50 FPM	EA	\$0.00	\$4,770.00	\$0.00	\$4,770.00
106958	[Modifier] Electric Traction – Freight, Add For Front and Rear Door Configuration	EA	\$745.15	\$5,061.50	\$0.00	\$5,806.65
106959	[Modifier] Electric Traction – Freight, Cab Finish Upgrade – Plastic Laminate Wall Panels and Acoustical Ceiling Treatment Or Equal	EA	\$0.00	\$5,830.00	\$0.00	\$5,830.00
106960	[Modifier] Electric Traction – Freight, Cab Finish Upgrade – Hardwood, Stone, Glass Wall and Ceiling Panels Or Equal	EA	\$0.00	\$11,660.00	\$0.00	\$11,660.00
14-21-23 Electric Traction Passenger Elevators						

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
<i>Standard Cab Finish is Stainless Steel.</i>						
106961	Elevator Traction – Passenger, 2 Stop, Front Opening, Up To 3000 LB and 200 FPM	EA	\$20,619.43	\$127,200.00	\$0.00	\$147,819.43
106962	[Modifier] Elevator Traction – Passenger, Additional Stops Greater Than 2	STOP	\$18,557.46	\$25,439.99	\$0.00	\$43,997.45
106963	[Modifier] Elevator Traction – Passenger, Weight Capacity Increase Of 500 LB	EA	\$0.00	\$4,770.00	\$0.00	\$4,770.00
106964	[Modifier] Elevator Traction – Passenger, Speed Increase 50 FPM	EA	\$0.00	\$4,240.00	\$0.00	\$4,240.00
106965	[Modifier] Electric Traction – Passenger, Add For Front and Rear Door Configuration	EA	\$745.15	\$5,061.50	\$0.00	\$5,806.65
106966	[Modifier] Electric Traction – Passenger, Cab Finish Upgrade – Plastic Laminate Wall Panels and Acoustical Ceiling Treatment Or Equal	EA	\$0.00	\$5,300.00	\$0.00	\$5,300.00
106967	[Modifier] Electric Traction – Passenger, Cab Finish Upgrade – Hardwood, Stone, Glass Wall and Ceiling Panels Or Equal	EA	\$0.00	\$10,600.00	\$0.00	\$10,600.00

14-24-00 Hydraulic Elevators

14-24-13 Hydraulic Freight Elevators

Standard Cab Finish is Stainless Steel.

106968	Elevator Hydraulic – Freight, 2 Stop, Front Opening, Up To 4,000 LB Capacity and 50 FPM	EA	\$15,464.69	\$97,520.00	\$0.00	\$112,984.69
106969	[Modifier] Elevator Hydraulic – Freight, Additional Stops Greater Than 2	STOP	\$15,464.58	\$23,319.99	\$0.00	\$38,784.57
106970	[Modifier] Elevator Hydraulic – Freight, Weight Capacity Increase Of 500 LB	EA	\$0.00	\$4,770.00	\$0.00	\$4,770.00
106971	[Modifier] Elevator Hydraulic – Freight, Speed Increase Of 25 FPM	EA	\$0.00	\$3,710.00	\$0.00	\$3,710.00
106972	[Modifier] Elevator Hydraulic – Freight, Add For Front and Rear Door Configuration	EA	\$745.15	\$5,061.50	\$0.00	\$5,806.65
106973	[Modifier] Elevator Hydraulic – Freight, Cab Finish Upgrade – Plastic Laminate Wall Panels and Acoustical Ceiling Treatment Or Equal	EA	\$0.00	\$5,830.00	\$0.00	\$5,830.00
106974	[Modifier] Elevator Hydraulic – Freight, Cab Finish Upgrade – Hardwood, Stone, Glass Wall and Ceiling Panels Or Equal	EA	\$0.00	\$11,660.00	\$0.00	\$11,660.00

14-24-23 Hydraulic Passenger Elevators

Standard Cab Finish is Stainless Steel.

106975	Elevator Hydraulic – Passenger, 2 Stop, Front Opening, Up To 2,000 LB Capacity and 100 FPM	EA	\$15,464.69	\$84,800.00	\$0.00	\$100,264.69
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		Units	Labor	Material	Equipment	Total
106976	[Modifier] Elevator Hydraulic – Passenger, Additional Stops Greater Than 2	STOP	\$12,887.13	\$18,550.00	\$0.00	\$31,437.13
106977	[Modifier] Elevator Hydraulic – Passenger, Weight Capacity Increase Of 500 LB	EA	\$0.00	\$4,240.00	\$0.00	\$4,240.00
106978	[Modifier] Elevator Hydraulic – Passenger, Speed Increase Of 25 FPM	EA	\$0.00	\$3,180.01	\$0.00	\$3,180.01
106979	[Modifier] Elevator Hydraulic – Passenger, Add For Front and Rear Door Configuration	EA	\$745.15	\$5,061.50	\$0.00	\$5,806.65
106980	[Modifier] Elevator Hydraulic – Passenger, Cab Finish Upgrade – Plastic Laminate Wall Panels and Acoustical Ceiling Treatment Or Equal	EA	\$0.00	\$5,300.00	\$0.00	\$5,300.00
106981	[Modifier] Elevator Hydraulic – Passenger, Cab Finish Upgrade – Hardwood, Stone, Glass Wall and Ceiling Panels Or Equal	EA	\$0.00	\$10,600.00	\$0.00	\$10,600.00
14-30-00 Escalators and Moving Walks						
14-31-00 Escalators						
14-31-00 Escalators						
106982	Escalator – Indoor Up to 48" wide inside clear. Includes motor with up to 140 HP. Rise up to 25'-0" connecting 2 floors.	FLT	\$29,688.61	\$127,200.00	\$0.00	\$156,888.61
106983	[Modifier] Escalator – Outdoor	FLT	\$1,472.13	\$19,080.00	\$0.00	\$20,552.13
14-32-00 Moving Walks						
14-32-00 Moving Walks						
106984	Moving Walkway – Indoor Up to 48" wide inside clear.	LF	\$301.78	\$1,695.99	\$0.00	\$1,997.77
106985	[Modifier] Moving Walkway – Outdoor	LF	\$58.32	\$270.30	\$0.00	\$328.62
14-40-00 Lifts						
14-42-00 Wheelchair Lifts						
14-42-00 Wheelchair Lifts						
106986	Wheel Chair Lift With Enclosure – 2 Stop Motorized lift for interior or exterior use. Hydraulic or screw drive up to 750 LB capacity. Includes prefinished mast, key controlled call stations at each level, metal panel walls and swinging gates, ramps and obstruction sensor.	EA	\$3,092.90	\$12,720.00	\$0.00	\$15,812.90
106987	[Modifier] Wheel Chair Lift – Additional Stop Greater Than 2	EA	\$1,030.98	\$2,650.00	\$0.00	\$3,680.98
106988	[Modifier] Wheel Chair Lift – Glass Gates and Side Walls In lieu of metal panel	EA	\$0.00	\$3,710.00	\$0.00	\$3,710.00
106989	[Modifier] Wheel Chair Lift – Battery Backup	EA	\$0.00	\$1,060.01	\$0.00	\$1,060.01
14-90-00 Other Conveying Equipment						

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		Units	Labor	Material	Equipment	Total
14-92-00 Pneumatic Tube Systems						
14-92-00 Pneumatic Tube Systems						
106990	Pneumatic Tube Station	STOP	\$13,412.70	\$15,900.00	\$0.00	\$29,312.70
106991	[Modifier] High Pressure Tubing	STOP	\$0.00	\$2,650.00	\$0.00	\$2,650.00
21-00-00 Fire Suppression						
<ul style="list-style-type: none"> • Item costs include all labor, material (including gaskets, bolts, etc.), small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item. • Item costs exclude rigging equipment. Refer to (CSI) - MasterFormat® Division 01 - General Requirements for Assembly Items: Construction Aids. • Cutting and patching work required for the installation or demolition/removal of fire protection systems or components shall be included under the General Trades Division 1 through 14. • Installation and demolition/removal costs assume accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, MEP systems, etc. to be priced separately. 						
21-00-00 Fire Suppression						
<ul style="list-style-type: none"> • Item costs include all labor, material (including gaskets, bolts, etc.), small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item. • Item costs exclude rigging equipment. Refer to (CSI) - MasterFormat® Division 01 - General Requirements for Assembly Items: Construction Aids. • Cutting and patching work required for the installation or demolition/removal of fire protection systems or components shall be included under the General Trades Division 1 through 14. • Installation and demolition/removal costs assume accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, MEP systems, etc. to be priced separately. 						
21-01-00 Operation and Maintenance of Fire Suppression						
21-01-10 Operation and Maintenance of Fire-Protection Systems						
106992	Fire Department Connection-Cap & Chain Assembly Excludes Fire Department Connection.	EA	\$46.75	\$36.81	\$0.00	\$83.56
106993	Relocate Sprinkler Head Up To 5'	EA	\$135.55	\$74.36	\$0.00	\$209.91
106994	Replace Sprinkler Head In Place	EA	\$91.15	\$47.54	\$0.00	\$138.69
106995	Fire Hose- 2" Single Jacket.	LF	\$0.61	\$3.41	\$0.00	\$4.02
106996	Fire Hose Coupling & Nozzle	EA	\$46.75	\$138.97	\$0.00	\$185.72
106997	Fire Extinguisher- 5 Lb Dry Chemical.	EA	\$24.31	\$76.80	\$0.00	\$101.11
106998	Fire Extinguisher- 10 Lb Dry Chemical.	EA	\$24.31	\$104.83	\$0.00	\$129.14
106999	Fire Extinguisher- 20 Lb Dry Chemical.	EA	\$24.31	\$219.42	\$0.00	\$243.73
107000	Inspect & Test Fire Suppression Equipment Co2, Halon, Wet Chemical, Dry Chemical, Wet System, Dry System, Deluge System Or Preaction System.	EA	\$355.24	\$0.00	\$0.00	\$355.24

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		Units	Labor	Material	Equipment	Total
107001	Inspect & Test Fire Suppression System - 5-Year Inspection Report Includes Visual Inspection (Ground) of All Exposed Sprinklers, Piping and Supports. Visual Inspection of all Attic Sprinklers, Piping, and Supports. Check Working Condition of All Control Valves, OS&Y Valves, PIV, Flow Switch, and Main Drain Valve (Drained to Open Air). Check Flow Switch and Tamper Switch Report with Monitoring Company. Price per Inspector's Test Valve.	EA	\$1,121.80	\$0.00	\$0.00	\$1,121.80
107002	Rebuild Detector Double Check Assembly - 4"	EA	\$364.58	\$501.01	\$0.00	\$865.59
107003	Rebuild Detector Double Check Assembly - 6"	EA	\$437.51	\$603.40	\$0.00	\$1,040.91
107004	Rebuild Detector Double Check Assembly - 8"	EA	\$607.64	\$835.02	\$0.00	\$1,442.66
107005	Repair / Upgrade Kitchen Hood (Ansul) Fire-Extinguishing System (Per Length of Hood) Relocate Remote Pull Station and Nozzles, Repair / Replace Detection Network, Replace R-102 Carbon Dioxide Cartridge	LF	\$299.15	\$151.16	\$0.00	\$450.31
107006	Test and Certify Kitchen Hood (Ansul) Fire-Extinguishing System	EA	\$747.87	\$0.00	\$0.00	\$747.87

21-05-00 Common Work Results for Fire Suppression

21-05-05 Selective Demolition for Fire Suppression

- Demolition/Removal costs exclude any salvage value.
- Fire Protection Equipment Demolition/Removal costs exclude piping, hook-ups, and electrical connections.

107007	Fire Protection System - Temporary Shut-Down and Start-Up Includes Drain and Fill of Hydronic System and Disarming/Arming System.	HR	\$58.88	\$2.91	\$0.00	\$61.79
107008	Remove Sprinkler Head All Types.	EA	\$14.72	\$0.00	\$0.00	\$14.72
107009	Remove Double Check Detector - 4"	EA	\$188.42	\$0.00	\$0.00	\$188.42
107010	Remove Double Check Detector - 6"	EA	\$279.68	\$0.00	\$0.00	\$279.68
107011	Remove Double Check Detector - 8"	EA	\$329.73	\$0.00	\$0.00	\$329.73
107012	Remove Inspectors Test & Drain	EA	\$164.86	\$0.00	\$0.00	\$164.86
107013	Remove Fire Protection Cabinet Fire Extinguisher Cabinet, Hose Cabinet Or Valve Cabinet.	EA	\$82.43	\$0.00	\$0.00	\$82.43
107014	Remove Fire Department Connection/Wall Hydrant - 4" & Dn 2-Way Or 3-Way	EA	\$94.21	\$0.00	\$0.00	\$94.21

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		Units	Labor	Material	Equipment	Total
107015	Remove Fire Department Connection/Wall Hydrant - 6" to 8" 2-Way Or 3-Way	EA	\$123.65	\$0.00	\$0.00	\$123.65
107016	Remove Fire Pump, Jockey Pump & Controller - Up to 750 GPM Electric Or Diesel	EA	\$2,355.20	\$0.00	\$0.00	\$2,355.20
107017	Remove Fire Pump, Jockey Pump & Controller - 1,000 to 1,500 GPM Electric Or Diesel	EA	\$3,532.80	\$0.00	\$0.00	\$3,532.80
107018	Remove Packaged Fire System - 2" & Dn Dry, Deluge Or Preaction	EA	\$353.28	\$0.00	\$0.00	\$353.28
107019	Remove Packaged Fire System - 2-1/2" to 4" Dry, Deluge Or Preaction	EA	\$588.80	\$0.00	\$0.00	\$588.80
107020	Remove Dry Pipe/Preaction Valve - 2" & Dn	EA	\$158.98	\$0.00	\$0.00	\$158.98
107021	Remove Dry Pipe/Preaction Valve - 2-1/2" to 4"	EA	\$235.52	\$0.00	\$0.00	\$235.52
107022	Remove Dry System Air Compressor - Up to 2 HP Includes Tank.	EA	\$188.42	\$0.00	\$0.00	\$188.42
107023	Remove Plastic Piping (All Types) - 2" & Dn Includes Hangers, Fittings, Valves & Specialties	LF	\$4.12	\$0.00	\$0.00	\$4.12
107024	Remove Steel Piping - 2" & Dn Includes Hangers, Fittings, Valves & Specialties	LF	\$7.06	\$0.00	\$0.00	\$7.06
107025	Remove Steel Piping - 2-1/2" to 4" Includes Hangers, Fittings, Valves & Specialties	LF	\$9.42	\$0.00	\$0.00	\$9.42
107026	Remove Steel Piping - 5" to 8" Includes Hangers, Fittings, Valves & Specialties	LF	\$13.55	\$0.00	\$0.00	\$13.55
107027	Remove Valve - 2" & Dn	EA	\$29.44	\$0.00	\$0.00	\$29.44
107028	Remove Valve - 2-1/2" to 4"	EA	\$56.52	\$0.00	\$0.00	\$56.52
107029	Remove Valve - 5" to 8"	EA	\$123.65	\$0.00	\$0.00	\$123.65
21-05-23	General-Duty Valves for Water-Based Fire-Suppression Piping					
107030	4" Double Check Detector Watts Series 909 Or Equal	EA	\$601.09	\$6,166.92	\$0.00	\$6,768.01
107031	6" Double Check Detector Watts Series 909 Or Equal	EA	\$887.72	\$8,019.80	\$0.00	\$8,907.52
107032	8" Double Check Detector Watts Series 909 Or Equal	EA	\$1,051.50	\$13,517.49	\$0.00	\$14,568.99
107033	2-1/2" Alarm Check Valve w/Trim Tyco Model Av-1 Gxg Pre-Assembled Or Equal	EA	\$495.47	\$2,707.40	\$0.00	\$3,202.87
107034	4" Alarm Check Valve w/Trim Tyco Model Av-1 Gxg Pre-Assembled Or Equal	EA	\$747.87	\$2,633.04	\$0.00	\$3,380.91
107035	6" Alarm Check Valve w/Trim Tyco Model Av-1 Gxg Pre-Assembled Or Equal	EA	\$747.87	\$3,294.96	\$0.00	\$4,042.83

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		Units	Labor	Material	Equipment	Total
107036	8" Alarm Check Valve w/Trim Tyco Model Av-1 Gxg Pre-Assembled Or Equal	EA	\$934.84	\$3,917.87	\$0.00	\$4,852.71
107037	4" Check Valve Tyco Model Cv-1F Or Equal	EA	\$274.84	\$326.69	\$0.00	\$601.53
107038	6" Check Valve Tyco Model Cv-1F Or Equal	EA	\$477.70	\$815.51	\$0.00	\$1,293.21
107039	8" Check Valve Tyco Model Cv-1F Or Equal	EA	\$588.95	\$1,414.04	\$0.00	\$2,002.99
107040	2" Check Valve Tyco Model Cv-1F Or Equal	EA	\$106.57	\$314.50	\$0.00	\$421.07
107041	2-1/2" Check Valve Tyco Model Cv-1F Or Equal	EA	\$115.92	\$314.50	\$0.00	\$430.42
107042	3" Check Valve Tyco Model Cv-1F Or Equal	EA	\$134.62	\$314.50	\$0.00	\$449.12
107043	2-1/2" Control Valve- OS&Y Gate Tyco Model Tjr Series Or Equal	EA	\$114.05	\$621.69	\$0.00	\$735.74
107044	3" Control Valve- OS&Y Gate Tyco Model Tjr Series Or Equal	EA	\$127.13	\$726.52	\$0.00	\$853.65
107045	4" Control Valve- OS&Y Gate Tyco Model Tjr Series Or Equal	EA	\$242.12	\$838.67	\$0.00	\$1,080.79
107046	6" Control Valve- OS&Y Gate Tyco Model Tjr Series Or Equal	EA	\$335.60	\$1,226.31	\$0.00	\$1,561.91
107047	8" Control Valve- OS&Y Gate Tyco Model Tjr Series Or Equal	EA	\$447.79	\$2,008.91	\$0.00	\$2,456.70
107048	2-1/2" Control Valve- Butterfly Tyco Model Bfv-300 Or Equal	EA	\$74.78	\$553.43	\$0.00	\$628.21
107049	3" Control Valve- Butterfly Tyco Model Bfv-300 Or Equal	EA	\$82.27	\$598.53	\$0.00	\$680.80
107050	4" Control Valve- Butterfly Tyco Model Bfv-300 Or Equal	EA	\$115.92	\$627.78	\$0.00	\$743.70
107051	6" Control Valve- Butterfly Tyco Model Bfv-300 Or Equal	EA	\$213.14	\$892.31	\$0.00	\$1,105.45
107052	8" Control Valve- Butterfly Tyco Model Bfv-300 Or Equal	EA	\$263.63	\$1,366.50	\$0.00	\$1,630.13
21-05-85 Miscellaneous Fire-Protection						
107053	Drain & Fill System - Per LF of Pipe	LF	\$1.40	\$0.00	\$0.00	\$1.40
107054	Drain & Fill System - Per Sprinkler Head	EA	\$7.48	\$0.00	\$0.00	\$7.48
107055	Seismic Restraints Fire Protection System	SF	\$0.13	\$0.06	\$0.00	\$0.19
107056	Firestopping Pipe Penetration - Up to 5" Fireproofing size based on pipe outer diameter including insulation.	EA	\$53.29	\$23.16	\$0.00	\$76.45
107057	Firestopping Pipe Penetration - 6" to 12" Fireproofing size based on pipe outer diameter including insulation.	EA	\$65.44	\$46.32	\$0.00	\$111.76
107058	Firestopping Pipe Penetration - 14" to 24" Fireproofing size based on pipe outer diameter including insulation.	EA	\$121.53	\$82.89	\$0.00	\$204.42

21-09-00 Instrumentation and Control for Fire-Suppression Systems

21-09-13 Instrumentation and Control Devices for Fire-Suppression Systems

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		Units	Labor	Material	Equipment	Total
107059	Fire Pump Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107060	Packaged Fire System Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85

21-10-00 Water-Based Fire-Suppression Systems

- Fire Protection Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Fire Protection Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within in 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Fire Protection Equipment costs exclude housekeeping pads and dunnage.

- Piping items include hangers and couplings (as required) unless stated otherwise.

- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

21-11-00 Facility Fire-Suppression Water-Service Piping

21-11-19 Fire-Department Connections

107061	Complete Hose Rack Assembly- 1-1/2" Includes 1-1/2" Hose Valve, 75 Lf Hose, Nozzle & Accessories.	EA	\$24.31	\$535.14	\$0.00	\$559.45
107062	Complete Hose Rack Assembly- 2-1/2" Includes 1-1/2" Hose Valve, 75 Lf Hose, Nozzle & Accessories.	EA	\$24.31	\$741.15	\$0.00	\$765.46
107063	Standpipe Connection- 2-1/2" x 2-1/2" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$252.40	\$206.01	\$0.00	\$458.41
107064	Standpipe Connection- 2-1/2" (2) x 4" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$299.15	\$481.50	\$0.00	\$780.65
107065	Standpipe Connection- 2-1/2" (3) x 6" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$327.20	\$1,092.22	\$0.00	\$1,419.42
107066	Standpipe Connection- 2-1/2" (4) x 6" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$345.89	\$1,615.18	\$0.00	\$1,961.07
107067	Fire Department Connection/Wall Hydrant- 2-1/2" x 2-1/2" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$252.40	\$238.92	\$0.00	\$491.32
107068	Fire Department Connection/Wall Hydrant- 2-1/2" (2) x 4" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$299.15	\$636.32	\$0.00	\$935.47
107069	Fire Department Connection/Wall Hydrant- 2-1/2" (3) x 6" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$327.20	\$1,377.47	\$0.00	\$1,704.67
107070	Fire Department Connection/Wall Hydrant- 2-1/2" (4) x 6" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$345.89	\$1,828.50	\$0.00	\$2,174.39
107071	Roof Manifold- 2-1/2" x 4" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$149.57	\$231.61	\$0.00	\$381.18

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		Units	Labor	Material	Equipment	Total
107072	Roof Manifold- 2-1/2" (2) x 4" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$252.40	\$451.03	\$0.00	\$703.43
107073	Roof Manifold- 2-1/2" (3) x 6" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$299.15	\$848.42	\$0.00	\$1,147.57
107074	Roof Manifold- 2-1/2" (4) x 6" Brass Or Chrome, Projecting Or Flush - Includes Cap & Chain	EA	\$327.20	\$1,041.03	\$0.00	\$1,368.23
107075	Fire Pump Test Connection 2-1/2" X 2-1/2" X 2-1/2" X 4"	EA	\$602.97	\$2,520.86	\$0.00	\$3,123.83
21-12-26 Fire-Suppression Valve and Hose Cabinets						
107076	10 lb Fire Extinguisher Cabinet- Steel Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, Full Or Half Glass - Not Equipped	EA	\$233.71	\$102.40	\$0.00	\$336.11
107077	10 lb Fire Extinguisher Cabinet- Aluminum Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, Full Or Half Glass - Not Equipped	EA	\$233.71	\$146.28	\$0.00	\$379.99
107078	10 lb Fire Extinguisher Cabinet- Stainless Steel Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, Full Or Half Glass - Not Equipped	EA	\$233.71	\$199.92	\$0.00	\$433.63
107079	20 lb Fire Extinguisher Cabinet- Steel Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, Full Or Half Glass - Not Equipped	EA	\$233.71	\$120.68	\$0.00	\$354.39
107080	20 lb Fire Extinguisher Cabinet- Aluminum Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, Full Or Half Glass - Not Equipped	EA	\$233.71	\$164.56	\$0.00	\$398.27
107081	20 lb Fire Extinguisher Cabinet- Stainless Steel Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, Full Or Half Glass - Not Equipped	EA	\$233.71	\$218.20	\$0.00	\$451.91
107082	Hose Cabinet- Steel Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, 5 To 20 Lb Extinguisher - Not Equipped	EA	\$280.45	\$225.52	\$0.00	\$505.97
107083	Hose Cabinet- Aluminum Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, 5 To 20 Lb Extinguisher - Not Equipped	EA	\$280.45	\$274.28	\$0.00	\$554.73

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		Units	Labor	Material	Equipment	Total
107084	Hose Cabinet- Stainless Steel Flush, Semi-Recessed Or Recessed, Locking Or Non-Locking, 5 To 20 Lb Extinguisher - Not Equipped	EA	\$280.45	\$444.94	\$0.00	\$725.39
21-13-00 Fire-Suppression Sprinkler Systems						
21-13-13 Wet-Pipe Sprinkler Systems						
107085	Wet Sprinkler Head - Upright, Pendant or Sidewall Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$46.75	\$34.50	\$0.00	\$81.25
107086	Wet Sprinkler Head - Concealed w/Cover Plate Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$70.12	\$63.94	\$0.00	\$134.06
107087	Wet Sprinkler Head - Prison, Security or Anti-Ligature w/Cover Plate Tyco Raven Or Equal	EA	\$70.12	\$90.21	\$0.00	\$160.33
107088	Wet Sprinkler Head - Dry Barrel Upright, Pendant or Sidewall Tyco Model Ds-1 Or Equal	EA	\$57.49	\$334.01	\$0.00	\$391.50
107089	Wet Sprinkler Head - Window Tyco Model Ws Or Equal	EA	\$70.12	\$349.85	\$0.00	\$419.97
107090	Wet Sprinkler Head- High Temperature Tyco Model Issue "D" Quartzoid Series Or Equal	EA	\$70.12	\$162.13	\$0.00	\$232.25
107091	Wet Sprinkler Head- Attic Tyco Model Ty3181 Or Equal	EA	\$70.12	\$143.84	\$0.00	\$213.96
107092	Wet System Braided Flexible Sprinkler Connectors- 1" x 3 LF	EA	\$35.16	\$47.21	\$0.00	\$82.37
107093	3/4" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$14.02	\$2.18	\$0.00	\$16.20
107094	1" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$13.09	\$3.05	\$0.00	\$16.14
107095	1-1/4" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$13.09	\$4.34	\$0.00	\$17.43
107096	1-1/2" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$12.16	\$5.70	\$0.00	\$17.86
107097	2" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$13.09	\$8.52	\$0.00	\$21.61
107098	2-1/2" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$13.09	\$13.53	\$0.00	\$26.62
107099	3" Wet System Pipe - CPVC, SDR 13.5, Solid Core, Solvent Cement	LF	\$14.96	\$23.53	\$0.00	\$38.49
107100	3/4" Wet System Fitting - CPVC, Schedule 40, Solvent Cement	EA	\$13.09	\$2.23	\$0.00	\$15.32

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		Units	Labor	Material	Equipment	Total
107101	1" Wet System Fitting - CPVC, Schedule 40, Solvent Cement	EA	\$13.09	\$4.84	\$0.00	\$17.93
107102	1-1/4" Wet System Fitting - CPVC, Schedule 40, Solvent Cement	EA	\$13.09	\$6.56	\$0.00	\$19.65
107103	1-1/2" Wet System Fitting - CPVC, Schedule 40, Solvent Cement	EA	\$13.09	\$9.40	\$0.00	\$22.49
107104	2" Wet System Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$14.02	\$12.46	\$0.00	\$26.48
107105	2-1/2" Wet System Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$16.82	\$22.37	\$0.00	\$39.19
107106	3" Wet System Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$19.63	\$28.70	\$0.00	\$48.33
107107	1/2" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$18.70	\$5.89	\$0.00	\$24.59
107108	3/4" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$19.63	\$7.18	\$0.00	\$26.81
107109	1" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$20.56	\$9.36	\$0.00	\$29.92
107110	1-1/4" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$22.44	\$12.40	\$0.00	\$34.84
107111	1-1/2" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$19.63	\$14.45	\$0.00	\$34.08
107112	2" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$20.56	\$19.16	\$0.00	\$39.72
107113	1/2" Wet System Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$50.48	\$3.80	\$0.00	\$54.28
107114	3/4" Wet System Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$69.17	\$4.90	\$0.00	\$74.07
107115	1" Wet System Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$85.07	\$8.63	\$0.00	\$93.70
107116	1-1/4" Wet System Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$98.15	\$13.98	\$0.00	\$112.13
107117	1-1/2" Wet System Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$106.57	\$17.97	\$0.00	\$124.54
107118	2" Wet System Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$130.88	\$30.67	\$0.00	\$161.55
107119	2-1/2" Wet System Pipe - Carbon Steel, Schedule 10, ERW, Grooved	LF	\$24.31	\$11.52	\$0.00	\$35.83
107120	3" Wet System Pipe - Carbon Steel, Schedule 10, ERW, Grooved	LF	\$27.11	\$13.54	\$0.00	\$40.65
107121	4" Wet System Pipe - Carbon Steel, Schedule 10, ERW, Grooved	LF	\$28.98	\$17.37	\$0.00	\$46.35

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		Units	Labor	Material	Equipment	Total
107122	5" Wet System Pipe - Carbon Steel, Schedule 10, ERW, Grooved	LF	\$33.65	\$22.45	\$0.00	\$56.10
107123	6" Wet System Pipe - Carbon Steel, Schedule 10, ERW, Grooved	LF	\$35.52	\$27.45	\$0.00	\$62.97
107124	8" Wet System Pipe - Carbon Steel, Schedule 10, ERW, Grooved	LF	\$43.94	\$42.87	\$0.00	\$86.81
107125	2-1/2" Wet System Fitting - Carbon Steel, Schedule 10, Grooved	EA	\$80.40	\$39.63	\$0.00	\$120.03
107126	3" Wet System Fitting - Carbon Steel, Schedule 10, Grooved	EA	\$87.87	\$50.70	\$0.00	\$138.57
107127	4" Wet System Fitting - Carbon Steel, Schedule 10, Grooved	EA	\$121.53	\$73.49	\$0.00	\$195.02
107128	5" Wet System Fitting - Carbon Steel, Schedule 10, Grooved	EA	\$178.55	\$151.98	\$0.00	\$330.53
107129	6" Wet System Fitting - Carbon Steel, Schedule 10, Grooved	EA	\$217.82	\$177.60	\$0.00	\$395.42
107130	8" Wet System Fitting - Carbon Steel, Schedule 10, Grooved	EA	\$306.62	\$349.79	\$0.00	\$656.41
107131	2-1/2" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$28.05	\$16.72	\$0.00	\$44.77
107132	3" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$30.85	\$20.53	\$0.00	\$51.38
107133	4" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$35.52	\$27.35	\$0.00	\$62.87
107134	5" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$39.26	\$36.00	\$0.00	\$75.26
107135	6" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$43.94	\$45.24	\$0.00	\$89.18
107136	8" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$50.48	\$72.26	\$0.00	\$122.74
107137	10" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$59.83	\$115.26	\$0.00	\$175.09
107138	12" Wet System Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$66.38	\$140.29	\$0.00	\$206.67
107139	2-1/2" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$99.10	\$66.48	\$0.00	\$165.58
107140	3" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$107.50	\$87.01	\$0.00	\$194.51
107141	4" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$148.64	\$116.94	\$0.00	\$265.58
107142	5" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$216.88	\$223.75	\$0.00	\$440.63
107143	6" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$265.49	\$262.32	\$0.00	\$527.81
107144	8" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$373.93	\$502.91	\$0.00	\$876.84

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		Units	Labor	Material	Equipment	Total
107145	10" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$484.24	\$808.78	\$0.00	\$1,293.02
107146	12" Wet System Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$523.50	\$939.07	\$0.00	\$1,462.57
107147	Wet System Flow Switch Tyco Model Vsr-F Or Equal	EA	\$93.48	\$527.83	\$0.00	\$621.31
107148	Wet System Riser Manifold w/Inspector's Test & Drain Assembly Tyco Model Rm-2 Or Equal	EA	\$522.57	\$113.48	\$0.00	\$636.05
107149	Wet System Pressure Switch Tyco Model Ps40 Or Equal	EA	\$46.75	\$405.93	\$0.00	\$452.68
107150	Wet System Tamper Switch Tyco Model Osysu Or Pcv's Or Equal	EA	\$46.75	\$347.42	\$0.00	\$394.17
21-13-16 Dry-Pipe Sprinkler Systems						
107151	Dry Sprinkler Head-Upright/Pendant/Sidewall Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$46.75	\$34.50	\$0.00	\$81.25
107152	Dry Sprinkler Head- Concealed W/Cover Plate Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$70.12	\$63.94	\$0.00	\$134.06
107153	Dry Sprinkler Head W/Cover Plate- Prison/Security/Anti-Ligature Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$70.12	\$109.95	\$0.00	\$180.07
107154	Dry Sprinkler Head Assembly-Upright/Pendant/Sidewall Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$57.49	\$272.52	\$0.00	\$330.01
107155	Dry Sprinkler Head- Window Includes Chrome, Brass, Quick Response, Standard Response, Fusible Link & Glass Bulb	EA	\$70.12	\$380.25	\$0.00	\$450.37
107156	Dry System Braided Flexible Sprinkler Connectors- 1" x 3 LF	EA	\$35.16	\$47.21	\$0.00	\$82.37
107157	1/2" Dry System Pipe - Galvanized Steel, Standard Weight, Threaded	LF	\$20.56	\$9.11	\$0.00	\$29.67
107158	3/4" Dry System Pipe - Galvanized Steel, Standard Weight, Threaded	LF	\$21.50	\$10.90	\$0.00	\$32.40
107159	1" Dry System Pipe - Galvanized Steel, Standard Weight, Threaded	LF	\$22.44	\$13.91	\$0.00	\$36.35
107160	1-1/4" Dry System Pipe - Galvanized Steel, Standard Weight, Threaded	LF	\$28.05	\$19.53	\$0.00	\$47.58
107161	1-1/2" Dry System Pipe - Galvanized Steel, Standard Weight, Threaded	LF	\$24.31	\$23.42	\$0.00	\$47.73

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		Units	Labor	Material	Equipment	Total
107162	2" Dry System Pipe - Galvanized Steel, Standard Weight, Threaded	LF	\$24.31	\$29.63	\$0.00	\$53.94
107163	1/2" Dry System Fitting - Galvanized, Malleable Iron 150 PSI, Threaded	EA	\$50.48	\$3.80	\$0.00	\$54.28
107164	3/4" Dry System Fitting - Galvanized, Malleable Iron 150 PSI, Threaded	EA	\$69.17	\$4.90	\$0.00	\$74.07
107165	1" Dry System Fitting - Galvanized, Malleable Iron 150 PSI, Threaded	EA	\$85.07	\$8.63	\$0.00	\$93.70
107166	1-1/4" Dry System Fitting - Galvanized, Malleable Iron 150 PSI, Threaded	EA	\$98.15	\$13.98	\$0.00	\$112.13
107167	1-1/2" Dry System Fitting - Galvanized, Malleable Iron 150 PSI, Threaded	EA	\$106.57	\$17.97	\$0.00	\$124.54
107168	2" Dry System Fitting - Galvanized, Malleable Iron 150 PSI, Threaded	EA	\$130.88	\$30.67	\$0.00	\$161.55
107169	2-1/2" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$28.98	\$21.92	\$0.00	\$50.90
107170	3" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$31.79	\$26.89	\$0.00	\$58.68
107171	4" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$36.46	\$35.83	\$0.00	\$72.29
107172	5" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$41.14	\$47.15	\$0.00	\$88.29
107173	6" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$45.80	\$59.26	\$0.00	\$105.06
107174	8" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$52.35	\$94.67	\$0.00	\$147.02
107175	10" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$61.70	\$150.99	\$0.00	\$212.69
107176	12" Dry System Pipe - Galvanized Steel, Standard Weight, Grooved	LF	\$68.24	\$183.79	\$0.00	\$252.03
107177	2-1/2" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$99.10	\$81.77	\$0.00	\$180.87
107178	3" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$107.50	\$107.03	\$0.00	\$214.53
107179	4" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$148.64	\$143.83	\$0.00	\$292.47
107180	5" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$216.88	\$275.20	\$0.00	\$492.08
107181	6" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$265.49	\$322.66	\$0.00	\$588.15
107182	8" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$373.00	\$618.58	\$0.00	\$991.58

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		Units	Labor	Material	Equipment	Total
107183	10" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$484.24	\$994.81	\$0.00	\$1,479.05
107184	12" Dry System Fitting - Galvanized Steel, Standard Weight, Grooved	EA	\$523.50	\$1,155.06	\$0.00	\$1,678.56
107185	Dry System Air Compressor- Base Mount 1/3 HP Tyco/General Air "L" Series Or Equal	EA	\$186.97	\$4,360.36	\$0.00	\$4,547.33
107186	Dry System Air Compressor- Base Mount 1/2 HP Tyco/General Air "L" Series Or Equal	EA	\$233.71	\$4,622.45	\$0.00	\$4,856.16
107187	Dry System Air Compressor- Base Mount 3/4 HP Tyco/General Air "L" Series Or Equal	EA	\$280.45	\$4,878.44	\$0.00	\$5,158.89
107188	Dry System Air Compressor- Base Mount 1 HP Tyco/General Air "L" Series Or Equal	EA	\$373.93	\$5,796.34	\$0.00	\$6,170.27
107189	Dry System Air Compressor- Tank Mounted 1/3 HP Tyco/General Air "Lt" Series Or Equal	EA	\$280.45	\$7,606.56	\$0.00	\$7,887.01
107190	Dry System Air Compressor- Tank Mounted 1/2 HP Tyco/General Air "Lt" Series Or Equal	EA	\$350.57	\$7,365.20	\$0.00	\$7,715.77
107191	Dry System Air Compressor- Tank Mounted 3/4 HP Tyco/General Air "Lt" Series Or Equal	EA	\$420.68	\$8,014.92	\$0.00	\$8,435.60
107192	Dry System Air Compressor- Tank Mounted 1 HP Tyco/General Air "Lt" Series Or Equal	EA	\$560.90	\$8,578.10	\$0.00	\$9,139.00
107193	2-1/2" Dry Pipe Valve & Trim Tyco Pre-Assembled Dpv-1 W/Butterfly Valve Or Equal	EA	\$280.45	\$5,025.94	\$0.00	\$5,306.39
107194	3" Dry Pipe Valve & Trim Tyco Pre-Assembled Dpv-1 W/Butterfly Valve Or Equal	EA	\$373.93	\$5,025.94	\$0.00	\$5,399.87
107195	4" Dry Pipe Valve & Trim Tyco Pre-Assembled Dpv-1 W/Butterfly Valve Or Equal	EA	\$560.90	\$5,396.51	\$0.00	\$5,957.41
107196	6" Dry Pipe Valve & Trim Tyco Pre-Assembled Dpv-1 W/Butterfly Valve Or Equal	EA	\$747.87	\$6,149.86	\$0.00	\$6,897.73
107197	Dry System Flow Switch Tyco Model Vsr-F Or Equal	EA	\$93.48	\$527.83	\$0.00	\$621.31
107198	Dry System Riser Manifold w/Inspector's Test & Drain Assembly Tyco Model Rm-2 Or Equal	EA	\$522.57	\$113.48	\$0.00	\$636.05
107199	Dry System Tamper Switch Tyco Model Osysu Or PcvS Or Equal	EA	\$46.75	\$347.42	\$0.00	\$394.17

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		Units	Labor	Material	Equipment	Total
21-13-19	Preaction Sprinkler Systems					
107200	2" Preaction Valve & Trim Single Or Double Interlock - Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$373.93	\$6,905.64	\$0.00	\$7,279.57
107201	3" Preaction Valve & Trim Single Or Double Interlock - Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$467.42	\$7,112.86	\$0.00	\$7,580.28
107202	4" Preaction Valve & Trim Single Or Double Interlock - Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$560.90	\$9,136.40	\$0.00	\$9,697.30
107203	6" Preaction Valve & Trim Single Or Double Interlock - Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$747.87	\$10,263.98	\$0.00	\$11,011.85
107204	1-1/2" Packaged Preaction System Includes Cabinet, Control Panel & Compressor, Single Or Double Interlock - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,121.80	\$25,282.06	\$0.00	\$26,403.86
107205	2" Packaged Preaction System Includes Cabinet, Control Panel & Compressor, Single Or Double Interlock - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,121.80	\$25,519.76	\$0.00	\$26,641.56
107206	3" Packaged Preaction System Includes Cabinet, Control Panel & Compressor, Single Or Double Interlock - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,682.70	\$25,842.80	\$0.00	\$27,525.50
107207	4" Packaged Preaction System Includes Cabinet, Control Panel & Compressor, Single Or Double Interlock - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,682.70	\$28,719.64	\$0.00	\$30,402.34
107208	6" Packaged Preaction System Includes Cabinet, Control Panel & Compressor, Single Or Double Interlock - Tyco Model Red-E Dv-5A Or Equal	EA	\$2,243.60	\$29,670.46	\$0.00	\$31,914.06
21-13-26	Deluge Fire-Suppression Sprinkler Systems					
107209	1-1/2" Packaged Deluge System Includes Cabinet & Control Panel - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,121.80	\$19,741.70	\$0.00	\$20,863.50
107210	2" Packaged Deluge System Includes Cabinet & Control Panel - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,121.80	\$19,985.50	\$0.00	\$21,107.30
107211	3" Packaged Deluge System Includes Cabinet & Control Panel - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,682.70	\$20,168.36	\$0.00	\$21,851.06
107212	4" Packaged Deluge System Includes Cabinet & Control Panel - Tyco Model Red-E Dv-5A Or Equal	EA	\$1,682.70	\$21,369.07	\$0.00	\$23,051.77

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		Units	Labor	Material	Equipment	Total
107213	6" Packaged Deluge System Includes Cabinet & Control Panel - Tyco Model Red-E Dv-5A Or Equal	EA	\$2,243.60	\$23,106.14	\$0.00	\$25,349.74
107214	1-1/2" Deluge Valve & Trim Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$280.45	\$6,472.89	\$0.00	\$6,753.34
107215	2" Deluge Valve & Trim Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$373.93	\$6,643.55	\$0.00	\$7,017.48
107216	3" Deluge Valve & Trim Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$467.42	\$6,942.20	\$0.00	\$7,409.62
107217	4" Deluge Valve & Trim Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$560.90	\$8,161.20	\$0.00	\$8,722.10
107218	6" Deluge Valve & Trim Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$747.87	\$9,587.44	\$0.00	\$10,335.31
107219	8" Deluge Valve & Trim Tyco Pre-Trimmed Dv-5A Or Equal	EA	\$1,121.80	\$16,554.02	\$0.00	\$17,675.82
107220	8" Packaged Deluge System Includes Cabinet & Control Panel - Tyco Model Red-E Dv-5A Or Equal	EA	\$2,804.50	\$30,426.24	\$0.00	\$33,230.74

21-30-00 Fire Pumps

21-31-00 Centrifugal Fire Pumps

21-31-13 Fire Pumps

Factory assembled and tested, w/piping, valves, sensors, and controls on skid or base.

107221	500 GPM, 25 HP Packaged Diesel Fire Pump	EA	\$4,262.84	\$76,157.02	\$0.00	\$80,419.86
107222	750 GPM, 40 HP Packaged Diesel Fire Pump	EA	\$4,711.57	\$97,916.18	\$0.00	\$102,627.75
107223	1,000 GPM, 75 HP Packaged Diesel Fire Pump	EA	\$5,384.64	\$115,323.50	\$0.00	\$120,708.14
107224	1,250 GPM, 100 HP Packaged Diesel Fire Pump	EA	\$6,282.09	\$134,906.73	\$0.00	\$141,188.82
107225	500 GPM, 25 HP Packaged Electric Fire Pump	EA	\$4,262.84	\$75,727.33	\$0.00	\$79,990.17
107226	750 GPM, 40 HP Packaged Electric Fire Pump	EA	\$4,711.57	\$78,241.52	\$0.00	\$82,953.09
107227	1,000 GPM, 75 HP Packaged Electric Fire Pump	EA	\$5,384.64	\$84,677.84	\$0.00	\$90,062.48
107228	1,250 GPM, 100 HP Packaged Electric Fire Pump	EA	\$6,282.09	\$108,795.75	\$0.00	\$115,077.84
107229	4" Fire Pump Hook-Up	EA	\$5,431.39	\$2,736.31	\$0.00	\$8,167.70
107230	6" Fire Pump Hook-Up	EA	\$7,861.96	\$3,958.37	\$0.00	\$11,820.33
107231	8" Fire Pump Hook-Up	EA	\$9,909.25	\$4,989.26	\$0.00	\$14,898.51
107232	3 HP Jockey Pump	EA	\$897.44	\$7,182.35	\$0.00	\$8,079.79

22-00-00 Plumbing

- Item costs include all labor, material (including gaskets, bolts, etc.), small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item.
- Item costs exclude rigging equipment. Refer to (CSI) - MasterFormat® Division 01 - General Requirements for Assembly Items: Construction Aids.
- Cutting and patching work required for the installation or demolition/removal of plumbing systems or components shall be included under the General Trades Division 1 through 14.
- Installation and Demolition/Removal costs assume accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, MEP systems, etc. to be priced separately.

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	Units	Labor	Material	Equipment	Total
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22-00-00 Plumbing

- Item costs include all labor, material (including gaskets, bolts, etc.), small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item.
- Item costs exclude rigging equipment. Refer to (CSI) - MasterFormat® Division 01 - General Requirements for Assembly Items: Construction Aids.
- Cutting and patching work required for the installation or demolition/removal of plumbing systems or components shall be included under the General Trades Division 1 through 14.
- Installation and Demolition/Removal costs assume accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, MEP systems, etc. to be priced separately.

22-01-00 Operation and Maintenance of Plumbing

22-01-10 Operation and Maintenance of Plumbing Systems

107233	Sink/Lavatory- Replace Supply Lines Includes Hot & Cold Water.	EA	\$32.68	\$19.50	\$0.00	\$52.18
107234	Sink/Lavatory- Replace Drain Line & Trap	EA	\$39.22	\$21.94	\$0.00	\$61.16
107235	Sink/Lavatory- Replace Pop-Up Drain or Basket Strainer	EA	\$49.02	\$32.91	\$0.00	\$81.93
107236	Sink/Lavatory- Faucet Repair	EA	\$22.87	\$9.75	\$0.00	\$32.62
107237	Shower- Replace Head	EA	\$16.34	\$28.04	\$0.00	\$44.38
107238	Shower- Replace Trim/Mixing Valve	EA	\$55.56	\$146.28	\$0.00	\$201.84
107239	Water Closet/Urinal- Rebuild Flush Valve Assembly	EA	\$98.05	\$146.28	\$0.00	\$244.33
107240	Water Closet- Replace Tank Type Flush Valve	EA	\$73.54	\$36.57	\$0.00	\$110.11
107241	Water Closet- Replace Wax Ring Gasket	EA	\$155.24	\$18.28	\$0.00	\$173.52
107242	Water Closet- Replace Seat	EA	\$28.60	\$47.54	\$0.00	\$76.14
107243	Water Closet- Replace Supply Line	EA	\$16.34	\$9.75	\$0.00	\$26.09
107244	Drinking Fountain/Water Cooler- Replace Bubbler	EA	\$65.37	\$92.64	\$0.00	\$158.01
107245	Internal Video Pipe Inspection	LF	\$7.35	\$0.00	\$0.00	\$7.35
107246	Internal Pipe Cleaning - Up To 12" Pipe Includes Sanitary Waste and Storm Drainage Piping.	LF	\$8.66	\$0.00	\$0.00	\$8.66
107247	Internal Pipe Epoxy Line- Up To 6" Pipe	EA	\$50.26	\$13.81	\$0.00	\$64.07

22-05-00 Common Work Results for Plumbing

22-05-05 Selective Demolition for Plumbing

- Demolition/Removal costs exclude any salvage value.
- Plumbing Equipment and Fixture Demolition/Removal costs exclude piping, hook-ups, rough-ins, and electrical connections.

107248	Plumbing System - Temporary Shut-Down & Start-Up Includes Drain and Fill of Hydronic Systems	HR	\$58.88	\$2.91	\$0.00	\$61.79
107249	Remove Water Heater - Point-Of-Use Gas Or Electric.	EA	\$117.76	\$0.00	\$0.00	\$117.76
107250	Remove Water Heater - Storage Type Under 100 Gal Gas, Steam Or Electric	EA	\$176.64	\$0.00	\$0.00	\$176.64
107251	Remove Water Heater - Storage Type 100 to 150 Gal Gas, Steam Or Electric	EA	\$353.28	\$0.00	\$0.00	\$353.28

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		Units	Labor	Material	Equipment	Total
107252	Remove Water Heater - Storage Type 151 to 500 Gal Gas, Steam Or Electric	EA	\$942.08	\$0.00	\$0.00	\$942.08
107253	Remove Water Heater - Storage Type 501 to 1,000 Gal Gas, Steam Or Electric	EA	\$1,177.60	\$0.00	\$0.00	\$1,177.60
107254	Remove Water Heater - Under 500 MBH Gas, Steam Or Electric	EA	\$441.60	\$0.00	\$0.00	\$441.60
107255	Remove Water Heater - 500 to 1,000 MBH Gas, Steam Or Electric	EA	\$647.68	\$0.00	\$0.00	\$647.68
107256	Remove Water Heater - 1,001 to 1,500 MBH Gas, Steam Or Electric	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84
107257	Remove Expansion Tank - Up to 60 Gal	EA	\$82.43	\$0.00	\$0.00	\$82.43
107258	Remove Circulating Pump - Up to 5 HP	EA	\$88.32	\$0.00	\$0.00	\$88.32
107259	Remove Temperature Mixing Station - 2" & Dn	EA	\$117.76	\$0.00	\$0.00	\$117.76
107260	Remove Temperature Mixing Station - 2-1/2" to 4"	EA	\$235.52	\$0.00	\$0.00	\$235.52
107261	Remove Hot Water Storage Tank - Under 500 Gal	EA	\$441.60	\$0.00	\$0.00	\$441.60
107262	Remove Hot Water Storage Tank - 500 Gal to 1,000 Gal	EA	\$706.56	\$0.00	\$0.00	\$706.56
107263	Remove Hot Water Storage Tank - 1,001 Gal to 1,500 Gal	EA	\$883.20	\$0.00	\$0.00	\$883.20
107264	Remove Domestic Water Packaged Booster Pump - Simplex Includes Control Panel	EA	\$471.04	\$0.00	\$0.00	\$471.04
107265	Remove Domestic Water Packaged Booster Pump - Duplex Includes Control Panel	EA	\$706.56	\$0.00	\$0.00	\$706.56
107266	Remove Domestic Water Packaged Booster Pump - Triplex Includes Control Panel	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84
107267	Remove Water Softener - Up to 100 GPM	EA	\$329.73	\$0.00	\$0.00	\$329.73
107268	Remove Water Softener - 100 GPM to 250 GPM	EA	\$471.04	\$0.00	\$0.00	\$471.04
107269	Remove Water Softener - 251 GPM to 500 GPM	EA	\$942.08	\$0.00	\$0.00	\$942.08
107270	Remove Backflow Preventer - 2" & Dn	EA	\$54.76	\$0.00	\$0.00	\$54.76
107271	Remove Backflow Preventer - 2-1/2" to 4"	EA	\$160.75	\$0.00	\$0.00	\$160.75
107272	Remove Backflow Preventer - 6" to 8"	EA	\$234.35	\$0.00	\$0.00	\$234.35
107273	Remove Elevator Sump Pump - Up to 3 HP	EA	\$176.64	\$0.00	\$0.00	\$176.64
107274	Remove Submersible Pump - Simplex Up to 10 HP Includes Pump(S), Base Plate, Rails, Cover, Floats & Control Panel	EA	\$706.56	\$0.00	\$0.00	\$706.56

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		Units	Labor	Material	Equipment	Total
107275	Remove Submersible Pump - Duplex Up to 10 HP Includes Pump(S), Base Plate, Rails, Cover, Floats & Control Panel	EA	\$1,177.60	\$0.00	\$0.00	\$1,177.60
107276	Remove Grease/Oil Interceptor - Under 250 Gal	EA	\$412.16	\$0.00	\$0.00	\$412.16
107277	Remove Grease/Oil Interceptor - 250 Gal to 500 Gal	EA	\$706.56	\$0.00	\$0.00	\$706.56
107278	Remove Grease/Oil Interceptor - 501 Gal to 1,000 Gal	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84
107279	Remove Stormwater Storage Tank - 2,500 to 7,500 GAL	EA	\$441.60	\$0.00	\$0.00	\$441.60
107280	Remove Pipe & Insulation - Copper 2" & Down Includes Hangers and Fittings	LF	\$7.06	\$0.00	\$0.00	\$7.06
107281	Remove Pipe & Insulation - Copper 2-1/2" to 4" Includes Hangers and Fittings	LF	\$8.83	\$0.00	\$0.00	\$8.83
107282	Remove Pipe & Insulation - Copper 5" to 8" Includes Hangers and Fittings	LF	\$14.72	\$0.00	\$0.00	\$14.72
107283	Remove Pipe & Insulation - Plastic (All Types) 2" & Down Includes Hangers and Fittings	LF	\$11.19	\$0.00	\$0.00	\$11.19
107284	Remove Pipe & Insulation - Plastic (All Types) 2-1/2" to 4" Includes Hangers and Fittings	LF	\$13.55	\$0.00	\$0.00	\$13.55
107285	Remove Pipe & Insulation - Plastic (All Types) 6" to 10" Includes Hangers and Fittings	LF	\$16.49	\$0.00	\$0.00	\$16.49
107286	Remove Pipe & Insulation - Cast Iron 4" & Down Includes Hangers and Fittings	LF	\$11.19	\$0.00	\$0.00	\$11.19
107287	Remove Pipe & Insulation - Cast Iron 5" to 8" Includes Hangers and Fittings	LF	\$16.49	\$0.00	\$0.00	\$16.49
107288	Remove Pipe & Insulation - Cast Iron 10" to 15" Includes Hangers and Fittings	LF	\$25.32	\$0.00	\$0.00	\$25.32
107289	Remove Pipe & Insulation - Steel 2" & Down Includes Hangers and Fittings	LF	\$5.89	\$0.00	\$0.00	\$5.89
107290	Remove Pipe Valve or Specialty - 2" & Down Shut-Off Valves, Strainers, Balancing Valves, Control Valves, etc.	EA	\$30.03	\$0.00	\$0.00	\$30.03
107291	Remove Pipe Valve or Specialty - 2-1/2" to 4" Shut-Off Valves, Strainers, Balancing Valves, Control Valves, etc.	EA	\$46.52	\$0.00	\$0.00	\$46.52
107292	Remove Pipe Valve or Specialty - 5" to 8" Shut-Off Valves, Strainers, Balancing Valves, Control Valves, etc.	EA	\$78.90	\$0.00	\$0.00	\$78.90

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		Units	Labor	Material	Equipment	Total
107293	Remove Pipe Insulation - 2" & Dn Includes Fittings. Not to be Combined with Piping Removal Items	LF	\$1.47	\$0.00	\$0.00	\$1.47
107294	Remove Pipe Insulation - 2-1/2" To 6" Includes Fittings. Not to be Combined with Piping Removal Items	LF	\$2.47	\$0.00	\$0.00	\$2.47
107295	Remove Pipe Insulation - 8" To 12" Includes Fittings. Not to be Combined with Piping Removal Items	LF	\$4.59	\$0.00	\$0.00	\$4.59
107296	Remove Packaged Medical Air Compressor / Vacuum Pump - Simplex	EA	\$883.20	\$0.00	\$0.00	\$883.20
107297	Remove Packaged Medical Air Compressor / Vacuum Pump - Duplex	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84
107298	Remove Packaged Medical Air Compressor / Vacuum Pump - Triplex	EA	\$1,472.00	\$0.00	\$0.00	\$1,472.00
107299	Remove Packaged Medical Air Compressor / Vacuum Pump - Quadraplex	EA	\$2,119.68	\$0.00	\$0.00	\$2,119.68
107300	Remove General Service Air Compressor - Simplex Up to 15 HP Single Stage or Multi-Stage	EA	\$353.28	\$0.00	\$0.00	\$353.28
107301	Remove General Service Air Compressor - Duplex Up to 15 HP Single Stage or Multi-Stage	EA	\$529.92	\$0.00	\$0.00	\$529.92
107302	Remove Medical Gas Valve Box/Alarm Panel	EA	\$147.20	\$0.00	\$0.00	\$147.20
107303	Remove Medical/Laboratory Bottled Gas Manifold	EA	\$147.20	\$0.00	\$0.00	\$147.20
107304	Remove Acid Neutralization Tank - Point of Use	EA	\$117.76	\$0.00	\$0.00	\$117.76
107305	Remove Acid Neutralization Tank - Up to 500 Gal	EA	\$353.28	\$0.00	\$0.00	\$353.28
107306	Remove Acid Neutralization Tank - 501 to 1,000 Gal	EA	\$706.56	\$0.00	\$0.00	\$706.56
107307	Remove Pure/Deionized Water System - Point of Use	EA	\$176.64	\$0.00	\$0.00	\$176.64
107308	Remove Pure/Deionized Water System - Up to 50 L/Day	EA	\$471.04	\$0.00	\$0.00	\$471.04
107309	Remove Pure/Deionized Water System - 51 to 200 L/Day	EA	\$706.56	\$0.00	\$0.00	\$706.56
107310	Remove Plumbing Fixture Includes Faucet or Flush Valve	EA	\$73.60	\$0.00	\$0.00	\$73.60
107311	Remove Plumbing Fixture & Re-Install Includes Faucet or Flush Valve	EA	\$276.74	\$49.92	\$0.00	\$326.66
107312	Remove Plumbing Fixture & Rough-In Includes Faucet or Flush Valve & Carrier	EA	\$154.86	\$0.00	\$0.00	\$154.86

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		Units	Labor	Material	Equipment	Total
107313	Remove Plumbing Fixture, Rough-In and Cap Pipe Services Includes Fixture, Faucet/Flush Valve, Carrier, and Rough-In. Cap Pipe Services at Each Fixture Removal. Not to be Used for Multiple Adjacent Fixture Removals or if New Fixture Replaces Existing.	EA	\$204.78	\$30.28	\$0.00	\$235.06
107314	Remove Laboratory Faucet	EA	\$29.44	\$0.00	\$0.00	\$29.44
107315	Remove Laboratory Faucet & Rough-In	EA	\$98.92	\$0.00	\$0.00	\$98.92
107316	Remove Laboratory Faucet, Rough-In, and Cap Pipe Services Cap Pipe Services at Each Fixture Removal. Not to be Used for Multiple Adjacent Fixture Removals or if New Fixture Replaces Existing.	EA	\$164.86	\$29.40	\$0.00	\$194.26
107317	Remove Faucet or Flush Valve	EA	\$36.80	\$0.00	\$0.00	\$36.80
107318	Remove Faucet or Flush Valve & Rough-In	EA	\$98.92	\$0.00	\$0.00	\$98.92
107319	Remove Faucet or Flush Valve, Rough-In and Cap Pipe Services Cap Pipe Services at Each Fixture Removal. Not to be Used for Multiple Adjacent Fixture Removals or if New Fixture Replaces Existing.	EA	\$164.86	\$29.40	\$0.00	\$194.26
107320	Remove Medical or Laboratory Gas Outlet	EA	\$14.72	\$0.00	\$0.00	\$14.72
107321	Remove Medical or Laboratory Gas Outlet & Rough-In	EA	\$37.10	\$0.00	\$0.00	\$37.10
107322	Remove Medical or Laboratory Gas Outlet, Rough-In and Cap Pipe Services Cap Pipe Services at Each Fixture Removal. Not to be Used for Multiple Adjacent Fixture Removals or if New Fixture Replaces Existing.	EA	\$54.76	\$5.31	\$0.00	\$60.07
107323	Remove Medical Gas Headwall or Laboratory Fume Hood	EA	\$73.60	\$0.00	\$0.00	\$73.60
107324	Remove Medical Gas Headwall or Laboratory Fume Hood & Rough-In	EA	\$115.99	\$0.00	\$0.00	\$115.99
107325	Remove Medical Gas Headwall or Laboratory Fume Hood, Rough-In and Cap Pipe Services Cap Pipe Services at Each Fixture Removal. Not to be Used for Multiple Adjacent Fixture Removals or if New Fixture Replaces Existing.	EA	\$193.72	\$15.92	\$0.00	\$209.64
107326	Remove Plumbing Specialty (EA) Includes Hose Bibbs, Wall Hydrants, Water Hammer Arrestor, Floor Drains, Roof Drains, Cleanouts, Etc.	EA	\$64.77	\$0.00	\$0.00	\$64.77

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		Units	Labor	Material	Equipment	Total
107327	Remove Plumbing Specialty (LF) Includes Trench Drains, Etc.	LF	\$11.78	\$0.00	\$0.00	\$11.78
22-05-23 General-Duty Valves for Plumbing Piping						
501478	6" Ball Valve - PVC Schedule 80 S X S - Added: 9/27/2023	EA	\$320.91	\$207.23	\$0.00	\$528.14
107328	1/2" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded Or Soldered	EA	\$41.68	\$11.45	\$0.00	\$53.13
107329	3/4" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded Or Soldered	EA	\$58.02	\$17.75	\$0.00	\$75.77
107330	1" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded Or Soldered	EA	\$71.08	\$32.43	\$0.00	\$103.51
107331	1-1/4" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded Or Soldered	EA	\$82.52	\$41.92	\$0.00	\$124.44
107332	1-1/2" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded Or Soldered	EA	\$92.33	\$61.15	\$0.00	\$153.48
107333	2" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded Or Soldered	EA	\$111.12	\$95.85	\$0.00	\$206.97
107334	2-1/2" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$91.52	\$262.08	\$0.00	\$353.60
107335	3" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$92.33	\$288.90	\$0.00	\$381.23
107336	4" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$165.86	\$352.29	\$0.00	\$518.15
107337	6" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$207.54	\$576.59	\$0.00	\$784.13
107338	8" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$230.41	\$798.44	\$0.00	\$1,028.85
107339	4" Gate Valve- Iron Body, Class 125 Os&Y, Flanged.	EA	\$210.81	\$695.11	\$0.00	\$905.92
107340	6" Gate Valve- Iron Body, Class 125 Os&Y, Flanged.	EA	\$348.89	\$976.97	\$0.00	\$1,325.86
107341	1/2" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$41.68	\$76.13	\$0.00	\$117.81
107342	3/4" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$58.02	\$90.24	\$0.00	\$148.26

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		Units	Labor	Material	Equipment	Total
107343	1" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$71.08	\$113.73	\$0.00	\$184.81
107344	1-1/4" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$82.52	\$158.15	\$0.00	\$240.67
107345	1-1/2" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$92.33	\$199.11	\$0.00	\$291.44
107346	2" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$111.12	\$353.29	\$0.00	\$464.41
107347	2-1/2" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$161.78	\$564.24	\$0.00	\$726.02
107348	3" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$206.72	\$902.51	\$0.00	\$1,109.23
107349	4" Ball Valve- Brass, 600 PSI WOG, Medical Gas Cleaned Two Piece, Full Port. Threaded Or Soldered.	EA	\$314.57	\$1,466.75	\$0.00	\$1,781.32
107350	1/2" Ball Valve- Polypropylene Socket Or Threaded.	EA	\$41.68	\$85.33	\$0.00	\$127.01
107351	3/4" Ball Valve- Polypropylene Socket Or Threaded.	EA	\$58.02	\$107.27	\$0.00	\$165.29
107352	1" Ball Valve- Polypropylene Socket Or Threaded.	EA	\$71.08	\$128.00	\$0.00	\$199.08
107353	1-1/2" Ball Valve- Polypropylene Socket Or Threaded.	EA	\$92.33	\$204.79	\$0.00	\$297.12
107354	2" Ball Valve- Polypropylene Socket Or Threaded.	EA	\$111.12	\$282.81	\$0.00	\$393.93
107355	3" Ball Valve- Polypropylene Socket Or Threaded.	EA	\$92.33	\$503.45	\$0.00	\$595.78
107356	4" Ball Valve - PVC Schedule 80 S X S	EA	\$75.99	\$73.13	\$0.00	\$149.12
107357	6" Ball Valve - PVC Schedule 80 S X S	EA	\$221.43	\$219.66	\$0.00	\$441.09
22-05-85 Miscellaneous Plumbing						
107358	Roof Pipe Portal or Boot w/Flashing - Up to 8" Pipe	EA	\$28.60	\$54.98	\$0.00	\$83.58
107359	Roof Pipe Portal or Boot w/Curb - Up to (4) 2" Pipes	EA	\$204.27	\$429.70	\$0.00	\$633.97
107360	Roof Pipe Portal or Boot w/Flashing - Up to (4) 2" Pipes	EA	\$28.60	\$54.98	\$0.00	\$83.58
107361	Wall or Ceiling Access Door- 12" x 12"	EA	\$61.28	\$88.51	\$0.00	\$149.79
107362	Wall or Ceiling Access Door- 24" x 24"	EA	\$81.71	\$223.08	\$0.00	\$304.79
107363	Wall or Ceiling Access Door- 36" x 36"	EA	\$102.13	\$410.80	\$0.00	\$512.93

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		Units	Labor	Material	Equipment	Total
107364	Firestopping Pipe Penetration - Up to 5" Fireproofing size based on pipe outer diameter including insulation.	EA	\$46.58	\$23.16	\$0.00	\$69.74
107365	Firestopping Pipe Penetration - 6" to 12" Fireproofing size based on pipe outer diameter including insulation.	EA	\$57.19	\$46.32	\$0.00	\$103.51
107366	Firestopping Pipe Penetration - 14" to 24" Fireproofing size based on pipe outer diameter including insulation.	EA	\$106.21	\$82.89	\$0.00	\$189.10
107367	Seismic Restraints Allowance	SF	\$0.14	\$0.05	\$0.00	\$0.19
107368	Seismic Restraints Allowance-California	SF	\$0.55	\$0.21	\$0.00	\$0.76
107369	Medical Gas Certification/System Purge - Per LF of Pipe	LF	\$4.58	\$0.00	\$0.00	\$4.58
107370	Potable Water Pipe Testing & Disinfection - Per LF of Pipe	LF	\$0.82	\$0.00	\$0.00	\$0.82

22-07-00 Plumbing Insulation

- Piping insulation includes factory applied all service jacket as required.
- Piping insulation items include fittings.
- Sizes shown for piping insulation line items are based on nominal pipe sizes.

22-07-19 Plumbing Piping Insulation

107371	1/2" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
107372	3/4" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
107373	1" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71
107374	1-1/4" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
107375	1-1/2" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$9.69	\$0.00	\$14.50
107376	2" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$10.73	\$0.00	\$15.54
107377	2-1/2" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.45	\$0.00	\$17.27
107378	3" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.98	\$0.00	\$17.80
107379	4" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$13.65	\$0.00	\$19.47
107380	5" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$15.32	\$0.00	\$23.04

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		Units	Labor	Material	Equipment	Total
107381	6" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$16.10	\$0.00	\$23.82
107382	8" Domestic Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$22.62	\$0.00	\$32.30
107383	1/2" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
107384	3/4" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
107385	1" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71
107386	1-1/4" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
107387	1-1/2" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$9.69	\$0.00	\$14.50
107388	2" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$10.73	\$0.00	\$15.54
107389	2-1/2" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.45	\$0.00	\$17.27
107390	3" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.98	\$0.00	\$17.80
107391	4" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$13.65	\$0.00	\$19.47
107392	5" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$15.32	\$0.00	\$23.04
107393	6" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$16.10	\$0.00	\$23.82
107394	8" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$22.62	\$0.00	\$32.30
107395	10" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$24.36	\$0.00	\$34.04
107396	12" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$27.70	\$0.00	\$39.27
107397	15" Storm Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$32.99	\$0.00	\$44.56
107398	1/2" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
107399	3/4" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
107400	1" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71
107401	1-1/4" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
107402	1-1/2" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$9.69	\$0.00	\$14.50
107403	2" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$10.73	\$0.00	\$15.54
107404	2-1/2" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.45	\$0.00	\$17.27

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		Units	Labor	Material	Equipment	Total
107405	3" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.98	\$0.00	\$17.80
107406	4" Non-Potable Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$13.65	\$0.00	\$19.47
107407	1/2" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
107408	3/4" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
107409	1" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71
107410	1-1/4" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
107411	1-1/2" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$9.69	\$0.00	\$14.50
107412	2" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$10.73	\$0.00	\$15.54
107413	2-1/2" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.45	\$0.00	\$17.27
107414	3" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.98	\$0.00	\$17.80
107415	4" Tempered Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$13.65	\$0.00	\$19.47

22-09-00 Instrumentation and Control for Plumbing

22-09-13 Instrumentation and Control Devices for Plumbing

107416	Domestic Water Booster Pump Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107417	Domestic Water Recirculating Pump Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107418	Ejector Pump Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107419	Sump Pump Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107420	Water Heater Temperature Control	EA	\$1,985.15	\$2,011.35	\$0.00	\$3,996.50
107421	Air Compressor Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107422	Vacuum Pump Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
107423	Pure Water System Temperature Control	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85

22-10-00 Plumbing Piping

- Piping items include hangers and couplings (as required) unless stated otherwise.
- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.
- Cast iron no hub pipe and fittings including heavy-duty shielded couplings.

22-11-00 Facility Water Distribution

The Simplebid® UPB

- | | Units | Labor | Material | Equipment | Total |
|--|-------|-------|----------|-----------|-------|
| <ul style="list-style-type: none"> • Plumbing Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required. • Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details. • Plumbing Equipment costs exclude housekeeping pads and dunnage. | | | | | |

22-11-13 Facility Water Distribution Piping

107424	1/2" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
107425	3/4" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15
107426	1" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26
107427	1-1/4" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
107428	1-1/2" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
107429	2" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
107430	2-1/2" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$21.24	\$29.38	\$0.00	\$50.62
107431	3" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$23.69	\$41.12	\$0.00	\$64.81
107432	4" Non-Potable Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$26.15	\$65.84	\$0.00	\$91.99
107433	1/2" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
107434	3/4" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
107435	1" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
107436	1-1/4" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
107437	1-1/2" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00
107438	2" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
107439	2-1/2" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$120.11	\$73.24	\$0.00	\$193.35
107440	3" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$143.81	\$104.70	\$0.00	\$248.51
107441	4" Non-Potable Water Fitting - Copper, Wrot, Soldered	EA	\$192.83	\$236.78	\$0.00	\$429.61
107442	1/2" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
107443	3/4" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15
107444	1" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26

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		Units	Labor	Material	Equipment	Total
107445	1-1/4" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
107446	1-1/2" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
107447	2" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
107448	2-1/2" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$21.24	\$29.38	\$0.00	\$50.62
107449	3" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$23.69	\$41.12	\$0.00	\$64.81
107450	4" Tempered Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$26.15	\$65.84	\$0.00	\$91.99
107451	1/2" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
107452	3/4" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
107453	1" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
107454	1-1/4" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
107455	1-1/2" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00
107456	2" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
107457	2-1/2" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$120.11	\$73.24	\$0.00	\$193.35
107458	3" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$143.81	\$104.70	\$0.00	\$248.51
107459	4" Tempered Water Fitting - Copper, Wrot, Soldered	EA	\$192.83	\$236.78	\$0.00	\$429.61
22-11-16 Domestic Water Piping						
107460	1/2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
107461	3/4" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15
107462	1" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26
107463	1-1/4" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
107464	1-1/2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
107465	2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
107466	2-1/2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$21.24	\$29.38	\$0.00	\$50.62

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		Units	Labor	Material	Equipment	Total
107467	3" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$23.69	\$41.12	\$0.00	\$64.81
107468	4" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$26.15	\$65.84	\$0.00	\$91.99
107469	5" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$31.87	\$95.02	\$0.00	\$126.89
107470	6" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$36.77	\$127.24	\$0.00	\$164.01
107471	8" Domestic Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$45.76	\$239.70	\$0.00	\$285.46
107472	1/2" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
107473	3/4" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
107474	1" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
107475	1-1/4" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
107476	1-1/2" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00
107477	2" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
107478	2-1/2" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$120.11	\$73.24	\$0.00	\$193.35
107479	3" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$143.81	\$104.70	\$0.00	\$248.51
107480	4" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$192.83	\$236.78	\$0.00	\$429.61
107481	5" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$305.59	\$829.44	\$0.00	\$1,135.03
107482	6" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$438.77	\$1,117.08	\$0.00	\$1,555.85
107483	8" Domestic Water Fitting - Copper, Wrot, Soldered	EA	\$602.19	\$4,208.17	\$0.00	\$4,810.36
107484	1/2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$17.97	\$4.60	\$0.00	\$22.57
107485	3/4" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$6.36	\$0.00	\$25.15
107486	1" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$8.47	\$0.00	\$27.26
107487	1-1/4" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$19.61	\$11.78	\$0.00	\$31.39
107488	1-1/2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$15.23	\$0.00	\$34.02
107489	2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$19.61	\$21.84	\$0.00	\$41.45
107490	2-1/2" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$29.38	\$0.00	\$48.17

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		Units	Labor	Material	Equipment	Total
107491	3" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$20.42	\$41.12	\$0.00	\$61.54
107492	4" Domestic Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$22.87	\$65.84	\$0.00	\$88.71
107493	1/2" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$9.81	\$4.66	\$0.00	\$14.47
107494	3/4" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$13.89	\$7.90	\$0.00	\$21.79
107495	1" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$14.71	\$15.24	\$0.00	\$29.95
107496	1-1/4" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$17.16	\$28.79	\$0.00	\$45.95
107497	1-1/2" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$20.42	\$54.64	\$0.00	\$75.06
107498	2" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$23.69	\$72.58	\$0.00	\$96.27
107499	2-1/2" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$29.42	\$215.26	\$0.00	\$244.68
107500	3" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$34.32	\$268.25	\$0.00	\$302.57
107501	4" Domestic Water Fitting - Copper, Wrot, Press Joint	EA	\$45.76	\$351.40	\$0.00	\$397.16
107502	1/2" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$36.77	\$5.01	\$0.00	\$41.78
107503	3/4" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$36.77	\$5.12	\$0.00	\$41.89
107504	1" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$31.87	\$4.82	\$0.00	\$36.69
107505	1-1/4" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$39.22	\$7.47	\$0.00	\$46.69
107506	1-1/2" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$35.95	\$9.74	\$0.00	\$45.69
107507	2" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$35.95	\$10.36	\$0.00	\$46.31
107508	2-1/2" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$32.68	\$16.51	\$0.00	\$49.19
107509	3" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$37.58	\$15.80	\$0.00	\$53.38
107510	4" Domestic Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$35.95	\$16.19	\$0.00	\$52.14
107511	1/2" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$16.34	\$0.39	\$0.00	\$16.73
107512	3/4" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$16.34	\$0.44	\$0.00	\$16.78
107513	1" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$15.52	\$0.82	\$0.00	\$16.34

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		Units	Labor	Material	Equipment	Total
107514	1-1/4" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$18.79	\$1.35	\$0.00	\$20.14
107515	1-1/2" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$22.06	\$1.52	\$0.00	\$23.58
107516	2" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$22.87	\$2.35	\$0.00	\$25.22
107517	2-1/2" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$27.78	\$7.27	\$0.00	\$35.05
107518	3" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$33.50	\$9.17	\$0.00	\$42.67
107519	4" Domestic Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$70.26	\$16.48	\$0.00	\$86.74
107520	1/2" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$31.87	\$4.62	\$0.00	\$36.49
107521	3/4" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$31.87	\$4.99	\$0.00	\$36.86
107522	1" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$28.60	\$5.12	\$0.00	\$33.72
107523	1-1/4" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$34.32	\$8.03	\$0.00	\$42.35
107524	1-1/2" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$35.95	\$11.13	\$0.00	\$47.08
107525	2" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$32.68	\$11.45	\$0.00	\$44.13
107526	2-1/2" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$29.42	\$13.48	\$0.00	\$42.90
107527	3" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$34.32	\$18.75	\$0.00	\$53.07
107528	4" Domestic Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$33.50	\$21.65	\$0.00	\$55.15
107529	1/2" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$16.34	\$4.24	\$0.00	\$20.58
107530	3/4" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$16.34	\$4.84	\$0.00	\$21.18
107531	1" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$16.34	\$6.81	\$0.00	\$23.15
107532	1-1/4" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$18.79	\$12.85	\$0.00	\$31.64
107533	1-1/2" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$22.06	\$13.66	\$0.00	\$35.72
107534	2" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$22.87	\$17.38	\$0.00	\$40.25

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		Units	Labor	Material	Equipment	Total
107535	2-1/2" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$28.60	\$26.84	\$0.00	\$55.44
107536	3" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$33.50	\$31.56	\$0.00	\$65.06
107537	4" Domestic Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$71.90	\$42.52	\$0.00	\$114.42
107538	1/2" Domestic Water Pipe - PEX, Crimp Ring	LF	\$17.97	\$2.21	\$0.00	\$20.18
107539	3/4" Domestic Water Pipe - PEX, Crimp Ring	LF	\$17.97	\$2.47	\$0.00	\$20.44
107540	1" Domestic Water Pipe - PEX, Crimp Ring	LF	\$13.89	\$2.67	\$0.00	\$16.56
107541	1-1/4" Domestic Water Pipe - PEX, Crimp Ring	LF	\$17.16	\$3.95	\$0.00	\$21.11
107542	1-1/2" Domestic Water Pipe - PEX, Crimp Ring	LF	\$17.16	\$5.67	\$0.00	\$22.83
107543	2" Domestic Water Pipe - PEX, Crimp Ring	LF	\$17.16	\$6.58	\$0.00	\$23.74
107544	1/2" Domestic Water Fitting - PEX, Crimp Ring	EA	\$7.35	\$1.50	\$0.00	\$8.85
107545	3/4" Domestic Water Fitting - PEX, Crimp Ring	EA	\$9.81	\$1.99	\$0.00	\$11.80
107546	1" Domestic Water Fitting - PEX, Crimp Ring	EA	\$11.44	\$3.91	\$0.00	\$15.35
107547	1-1/4" Domestic Water Fitting - PEX, Crimp Ring	EA	\$13.89	\$9.40	\$0.00	\$23.29
107548	1-1/2" Domestic Water Fitting - PEX, Crimp Ring	EA	\$17.16	\$12.99	\$0.00	\$30.15
107549	2" Domestic Water Fitting - PEX, Crimp Ring	EA	\$21.24	\$35.77	\$0.00	\$57.01
107550	1/2" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$18.41	\$5.21	\$0.00	\$23.62
107551	3/4" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$19.17	\$7.87	\$0.00	\$27.04
107552	1" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$19.17	\$9.86	\$0.00	\$29.03
107553	1-1/4" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$21.04	\$12.63	\$0.00	\$33.67
107554	1-1/2" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$19.73	\$16.55	\$0.00	\$36.28
107555	2" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$21.24	\$23.28	\$0.00	\$44.52
107556	2-1/2" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$21.22	\$32.60	\$0.00	\$53.82
107557	3" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$23.83	\$45.13	\$0.00	\$68.96
107558	4" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$27.59	\$75.32	\$0.00	\$102.91

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		Units	Labor	Material	Equipment	Total
107559	6" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$40.36	\$185.84	\$0.00	\$226.20
107560	8" Domestic Water Pipe - Copper, Type K, Hard Drawn, Soldered	LF	\$49.39	\$344.25	\$0.00	\$393.64
107561	Domestic Water Pipe Connection & Fitting - 1-1/2" & Dn Cut, Prepare and Connect to Existing Copper Pipe	EA	\$76.81	\$11.64	\$0.00	\$88.45
107562	Domestic Water Pipe Connection & Fitting - 2" to 4" Cut, Prepare and Connect to Existing Copper Pipe	EA	\$179.76	\$79.73	\$0.00	\$259.49
107563	Domestic Water Pipe Connection, Fitting & Valve - 1-1/2" & Dn Cut, Prepare and Connect to Existing Copper Pipe	EA	\$179.76	\$53.56	\$0.00	\$233.32
107564	Domestic Water Pipe Connection, Fitting & Valve - 2" to 4" Cut, Prepare and Connect to Existing Copper Pipe	EA	\$294.96	\$368.64	\$0.00	\$663.60
107565	4" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$28.60	\$21.59	\$0.00	\$50.19
107566	6" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$31.05	\$34.90	\$0.00	\$65.95
107567	8" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$35.55	\$53.20	\$0.17	\$88.92
107568	10" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$40.03	\$71.48	\$0.22	\$111.73
107569	12" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$42.49	\$95.08	\$0.26	\$137.83
107570	14" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$46.98	\$154.30	\$0.31	\$201.59
107571	16" Domestic Water Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$51.47	\$213.52	\$0.33	\$265.32
107572	4" Domestic Water Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$27.27	\$85.85	\$0.00	\$113.12
107573	6" Domestic Water Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$70.92	\$167.92	\$0.00	\$238.84
107574	8" Domestic Water Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$109.72	\$457.12	\$4.17	\$571.01
107575	10" Domestic Water Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$139.93	\$1,776.08	\$4.38	\$1,920.39
107576	12" Domestic Water Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$172.93	\$2,296.79	\$5.67	\$2,475.39

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		Units	Labor	Material	Equipment	Total
22-11-19	Domestic Water Piping Specialties					
107577	Hose Bibb/Wall Hydrant Threaded Or Soldered. Watts Hy-420 Or Equal.	EA	\$58.83	\$348.63	\$0.00	\$407.46
107578	Hose Bibb/Wall Hydrant W/Box Threaded Or Soldered. Watts Hy-725 Or Equal.	EA	\$73.54	\$579.02	\$0.00	\$652.56
107579	Water Hammer Arrestor- Up To 1"	EA	\$31.05	\$27.73	\$0.00	\$58.78
107580	Water Solenoid Valve & Wall Switch- Up To 1"	EA	\$125.83	\$909.37	\$0.00	\$1,035.20
107581	Check Valve- Up To 1" Bronze Swing. Threaded Or Soldered.	EA	\$68.63	\$85.78	\$0.00	\$154.41
107582	Check Valve- 1-1/4" To 2" Bronze Swing. Threaded Or Soldered.	EA	\$105.40	\$195.00	\$0.00	\$300.40
107583	Balancing Valve- Up To 1" Threaded Or Soldered.	EA	\$96.42	\$194.38	\$0.00	\$290.80
107584	Balancing Valve- 1-1/4" To 2" Threaded Or Soldered.	EA	\$102.13	\$262.08	\$0.00	\$364.21
107585	Water Pressure Reducer- Up To 1"	EA	\$122.56	\$202.35	\$0.00	\$324.91
107586	Water Pressure Reducer- 1-1/4" To 2"	EA	\$174.04	\$611.94	\$0.00	\$785.98
107587	WYE Strainer- Up To 1" Threaded Or Soldered. Watts Lf777Sm1-20 Or Equal.	EA	\$75.18	\$52.42	\$0.00	\$127.60
107588	WYE Strainer- 1-1/4" To 2" Threaded Or Soldered. Watts Lf777Sm1-20 Or Equal.	EA	\$128.28	\$219.42	\$0.00	\$347.70
107589	Vacuum Breaker- Up To 1" Pipe Applied, Atmospheric Type. Threaded Or Soldered.	EA	\$83.34	\$57.29	\$0.00	\$140.63
107590	Vacuum Breaker- 1-1/4" To 2" Pipe Applied, Atmospheric Type. Threaded Or Soldered.	EA	\$109.49	\$173.10	\$0.00	\$282.59
107591	1/2" Reduced Pressure Backflow Preventer Bronze Body, Threaded.	EA	\$58.83	\$269.26	\$0.00	\$328.09
107592	3/4" Reduced Pressure Backflow Preventer Bronze Body, Threaded.	EA	\$73.54	\$269.26	\$0.00	\$342.80
107593	1" Reduced Pressure Backflow Preventer Bronze Body, Threaded.	EA	\$87.42	\$309.86	\$0.00	\$397.28
107594	1-1/4" Reduced Pressure Backflow Preventer Bronze Body, Threaded.	EA	\$98.05	\$539.88	\$0.00	\$637.93
107595	1-1/2" Reduced Pressure Backflow Preventer Bronze Body, Threaded.	EA	\$109.49	\$539.88	\$0.00	\$649.37

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		Units	Labor	Material	Equipment	Total
107596	2" Reduced Pressure Backflow Preventer Bronze Body, Threaded.	EA	\$129.10	\$621.07	\$0.00	\$750.17
107597	2-1/2" Reduced Pressure Backflow Preventer Cast Iron Or Stainless Steel Body, Flanged, Os&Y. Watts 957 Or Equal.	EA	\$309.83	\$2,522.11	\$0.00	\$2,831.94
107598	3" Reduced Pressure Backflow Preventer Cast Iron Or Stainless Steel Body, Flanged, Os&Y. Watts 957 Or Equal.	EA	\$370.14	\$2,680.58	\$0.00	\$3,050.72
107599	4" Reduced Pressure Backflow Preventer Cast Iron Or Stainless Steel Body, Flanged, Os&Y. Watts 957 Or Equal.	EA	\$525.38	\$3,131.61	\$0.00	\$3,656.99
107600	6" Reduced Pressure Backflow Preventer Cast Iron Or Stainless Steel Body, Flanged, Os&Y. Watts 957 Or Equal.	EA	\$776.23	\$5,155.15	\$0.00	\$5,931.38
107601	8" Reduced Pressure Backflow Preventer Cast Iron Or Stainless Steel Body, Flanged, Os&Y. Watts 957 Or Equal.	EA	\$919.21	\$12,447.21	\$0.00	\$13,366.42
107602	1" & DN Domestic Water Service Meter	EA	\$51.47	\$228.68	\$0.00	\$280.15
107603	1-1/4" To 2" Domestic Water Service Meter Submeter	EA	\$86.61	\$805.03	\$0.00	\$891.64
107604	3" Domestic Water Service Meter Submeter	EA	\$284.34	\$3,494.26	\$0.00	\$3,778.60
107605	4" Domestic Water Service Meter Submeter	EA	\$399.54	\$6,211.23	\$0.00	\$6,610.77
107606	6" Domestic Water Service Meter Submeter	EA	\$567.87	\$13,977.05	\$0.00	\$14,544.92
107607	8" Domestic Water Service Meter Submeter	EA	\$773.77	\$20,145.50	\$0.00	\$20,919.27
107608	2" Domestic Water Service Hook-Up	EA	\$1,172.51	\$1,200.41	\$0.00	\$2,372.92
107609	3" Domestic Water Service Hook-Up	EA	\$1,664.38	\$2,147.94	\$0.00	\$3,812.32
107610	4" Domestic Water Service Hook-Up	EA	\$2,378.51	\$3,721.27	\$0.00	\$6,099.78
107611	6" Domestic Water Service Hook-Up	EA	\$4,518.43	\$7,849.08	\$0.00	\$12,367.51
107612	8" Domestic Water Service Hook-Up	EA	\$6,054.52	\$10,955.75	\$0.00	\$17,010.27
107613	Air Admittance Valve Oatey 39223 Or Equal.	EA	\$15.52	\$53.64	\$0.00	\$69.16
107614	5 Gallon Expansion Tank - Steel Bladder Type Asme	EA	\$130.73	\$173.10	\$0.00	\$303.83
107615	10 Gallon Expansion Tank - Steel Bladder Type Asme	EA	\$130.73	\$561.86	\$0.00	\$692.59

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		Units	Labor	Material	Equipment	Total
107616	15 Gallon Expansion Tank - Steel Bladder Type Asme	EA	\$142.99	\$852.97	\$0.00	\$995.96
107617	30 Gallon Expansion Tank - Steel Bladder Type Asme	EA	\$163.42	\$932.36	\$0.00	\$1,095.78
107618	40 Gallon Expansion Tank - Steel Bladder Type Asme	EA	\$187.92	\$1,009.72	\$0.00	\$1,197.64
107619	60 Gallon Expansion Tank - Steel Bladder Type Asme	EA	\$245.12	\$1,146.12	\$0.00	\$1,391.24
107620	1/2" Tempering Valve Threaded Or Soldered.	EA	\$93.15	\$130.45	\$0.00	\$223.60
107621	3/4" Tempering Valve Threaded Or Soldered.	EA	\$112.76	\$172.43	\$0.00	\$285.19
107622	1" Tempering Valve Threaded Or Soldered.	EA	\$132.36	\$202.41	\$0.00	\$334.77
107623	1-1/4" Tempering Valve Threaded Or Soldered.	EA	\$148.71	\$931.11	\$0.00	\$1,079.82
107624	1-1/2" Tempering Valve Threaded Or Soldered.	EA	\$172.41	\$1,018.07	\$0.00	\$1,190.48
107625	2" Tempering Valve Threaded Or Soldered.	EA	\$207.54	\$1,526.36	\$0.00	\$1,733.90
107626	3/4" Thermostatic Mixing Valve Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$186.29	\$839.65	\$0.00	\$1,025.94
107627	1-1/4" Thermostatic Mixing Station W/Cabinet Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$326.83	\$2,742.35	\$0.00	\$3,069.18
107628	1-1/2" Thermostatic Mixing Station W/Cabinet Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$326.83	\$3,384.08	\$0.00	\$3,710.91
107629	2" Thermostatic Mixing Station W/Cabinet Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$490.24	\$4,048.30	\$0.00	\$4,538.54
107630	2-1/2" Thermostatic Mixing Station W/Cabinet Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$490.24	\$6,709.68	\$0.00	\$7,199.92
107631	3" Thermostatic Mixing Station W/Cabinet Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$653.66	\$9,371.06	\$0.00	\$10,024.72
107632	4" Thermostatic Mixing Station W/Cabinet Factory-Fabricated, Thermostatically Controlled, Water-Mixing-Valve Assembly	EA	\$653.66	\$13,089.50	\$0.00	\$13,743.16

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		Units	Labor	Material	Equipment	Total
107633	Hose Reel Assembly Reelcraft 5635 Or 7650 Elp, Graco Hsm65F Or Equal. Air, Petroleum, Or Oil.	EA	\$279.44	\$1,088.53	\$0.00	\$1,367.97
107634	3" Romac Macro HP Extended Range Coupling	EA	\$120.11	\$826.18	\$0.00	\$946.29
107635	6" Romac Macro HP Extended Range Coupling	EA	\$296.60	\$1,403.98	\$0.00	\$1,700.58
107636	12" Romac Macro HP Extended Range Coupling	EA	\$487.80	\$2,419.41	\$0.00	\$2,907.21
107637	1" McDonnell & Miller Flow Switch W/ 10" Paddle	EA	\$204.27	\$396.18	\$0.00	\$600.45
107638	6" Armaflex Fitting Insulation Cover	EA	\$17.97	\$41.75	\$0.00	\$59.72
107639	12" Armaflex Fitting Insulation Cover	EA	\$27.78	\$76.70	\$0.00	\$104.48
107640	6" IPS X 10" I.D. Link Seal	EA	\$138.90	\$203.57	\$0.00	\$342.47
107641	12" IPS X 16" I.D. Link Seal	EA	\$228.78	\$347.42	\$0.00	\$576.20
22-11-23 Domestic Water Pumps						
<i>Packaged booster pumps to be factory assembled and tested w/variable speed drives, piping, valves, sensors and control panel on skid or base.</i>						
107642	1/4 HP & Dn Bronze In-Line Centrifugal Pump Single Stage, Close Coupled.	EA	\$196.10	\$587.40	\$0.00	\$783.50
107643	1/3 HP In-Line Centrifugal Pump Single Stage, Close Coupled.	EA	\$196.10	\$1,406.88	\$0.00	\$1,602.98
107644	1/2 HP In-Line Centrifugal Pump Single Stage, Close Coupled.	EA	\$196.10	\$2,213.56	\$0.00	\$2,409.66
107645	1 To 3 HP In-Line Centrifugal Pump Single Stage, Close Coupled.	EA	\$261.46	\$2,447.24	\$0.00	\$2,708.70
107646	5 HP In-Line Centrifugal Pump Single Stage, Close Coupled.	EA	\$522.93	\$4,339.08	\$0.00	\$4,862.01
107647	2-1/2 HP Duplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,307.32	\$33,523.72	\$0.00	\$34,831.04
107648	5 HP Duplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,307.32	\$42,816.16	\$0.00	\$44,123.48
107649	7-1/2 HP Duplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,307.32	\$50,853.02	\$0.00	\$52,160.34
107650	10 HP Duplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,307.32	\$58,989.85	\$0.00	\$60,297.17
107651	2-1/2 HP Triplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,960.98	\$49,356.09	\$0.00	\$51,317.07

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		Units	Labor	Material	Equipment	Total
107652	5 HP Triplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,960.98	\$51,879.42	\$0.00	\$53,840.40
107653	7-1/2 HP Triplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,960.98	\$66,646.39	\$0.00	\$68,607.37
107654	10 HP Triplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,960.98	\$79,855.47	\$0.00	\$81,816.45
107655	20 HP Triplex Packaged Booster Pump Prefabricated System Including Pumps, Piping, Valves, Specialties and Control Panel	EA	\$1,960.98	\$94,465.19	\$0.00	\$96,426.17
107656	3" Packaged Booster Pump Hook-Up	EA	\$1,576.96	\$2,994.08	\$0.00	\$4,571.04
107657	4" Packaged Booster Pump Hook-Up	EA	\$2,443.05	\$4,653.68	\$0.00	\$7,096.73
107658	6" Packaged Booster Pump Hook-Up	EA	\$3,619.64	\$6,889.18	\$0.00	\$10,508.82
107659	1" & DN In-Line Centrifugal Pump Hook-Up	EA	\$392.20	\$532.56	\$0.00	\$924.76
107660	1-1/4" To 2" In-Line Centrifugal Pump Hook-Up	EA	\$563.79	\$1,058.92	\$0.00	\$1,622.71
22-12-23 Facility Indoor Potable-Water Storage Tanks						
107661	80 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$245.12	\$1,715.72	\$0.00	\$1,960.84
107662	120 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$588.29	\$3,403.02	\$0.00	\$3,991.31
107663	140 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$588.29	\$4,255.47	\$0.00	\$4,843.76
107664	200 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$784.39	\$5,323.06	\$0.00	\$6,107.45
107665	250 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$980.49	\$8,828.91	\$0.00	\$9,809.40
107666	350 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$980.49	\$12,097.98	\$0.00	\$13,078.47
107667	500 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$1,176.59	\$15,279.09	\$0.00	\$16,455.68
107668	750 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$1,568.78	\$20,481.72	\$0.00	\$22,050.50
107669	1,000 Gallon Hot Water Storage Tank - Glass Lined Steel Asme	EA	\$1,960.98	\$23,088.32	\$0.00	\$25,049.30

22-13-00 Facility Sanitary Sewerage

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- Plumbing Equipment costs exclude balancing, temperature controls, electrical, and piping hook-ups (connections), unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Plumbing Equipment costs exclude housekeeping pads and dunnage.

22-13-16 Sanitary Waste and Vent Piping

		Units	Labor	Material	Equipment	Total
107670	Sanitary Waste Pipe Connection & Fitting Cut, Prepare and Connect to Existing Cast Iron Pipe	EA	\$100.50	\$61.95	\$0.00	\$162.45
107671	Sanitary Vent Pipe Connection & Fitting Cut, Prepare and Connect to Existing Cast Iron Pipe	EA	\$49.84	\$25.96	\$0.00	\$75.80
107672	1-1/2" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$1.73	\$0.00	\$6.63
107673	2" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$2.35	\$0.00	\$7.25
107674	3" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$5.72	\$4.69	\$0.00	\$10.41
107675	4" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$5.72	\$6.33	\$0.00	\$12.05
107676	6" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$9.81	\$11.96	\$0.00	\$21.77
107677	8" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$10.63	\$18.60	\$0.00	\$29.23
107678	10" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$13.08	\$26.22	\$0.00	\$39.30
107679	12" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$13.89	\$34.74	\$0.00	\$48.63
107680	1-1/2" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$21.24	\$2.41	\$0.00	\$23.65
107681	2" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$22.87	\$2.84	\$0.00	\$25.71
107682	3" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$32.68	\$7.89	\$0.00	\$40.57
107683	4" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$70.26	\$14.08	\$0.00	\$84.34
107684	6" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$154.42	\$46.55	\$0.00	\$200.97
107685	8" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$186.29	\$70.69	\$0.00	\$256.98
107686	10" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$205.09	\$133.96	\$0.00	\$339.05

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		Units	Labor	Material	Equipment	Total
107687	12" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$217.34	\$185.24	\$0.00	\$402.58
107688	1-1/2" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.57	\$0.00	\$30.54
107689	2" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$4.19	\$0.00	\$31.16
107690	3" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.15	\$7.42	\$0.00	\$33.57
107691	4" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$29.42	\$10.32	\$0.00	\$39.74
107692	6" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$31.05	\$17.57	\$0.00	\$48.62
107693	8" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$35.95	\$27.49	\$0.00	\$63.44
107694	10" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$35.95	\$35.25	\$0.00	\$71.20
107695	12" Sanitary Waste Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$33.50	\$43.40	\$0.00	\$76.90
107696	1-1/2" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.41	\$0.00	\$23.65
107697	2" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$22.87	\$2.84	\$0.00	\$25.71
107698	3" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$7.89	\$0.00	\$40.57
107699	4" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$70.26	\$14.08	\$0.00	\$84.34
107700	6" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$154.42	\$46.55	\$0.00	\$200.97
107701	8" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$186.29	\$70.69	\$0.00	\$256.98
107702	10" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$205.09	\$133.96	\$0.00	\$339.05
107703	12" Sanitary Waste Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$217.34	\$185.24	\$0.00	\$402.58
107704	2" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$9.81	\$13.10	\$0.00	\$22.91
107705	3" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$13.08	\$17.24	\$0.00	\$30.32
107706	4" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$17.16	\$22.41	\$0.00	\$39.57

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		Units	Labor	Material	Equipment	Total
107707	5" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$20.42	\$31.62	\$0.00	\$52.04
107708	6" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$24.51	\$38.52	\$0.00	\$63.03
107709	8" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$31.87	\$59.97	\$0.00	\$91.84
107710	10" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$42.49	\$99.81	\$0.00	\$142.30
107711	12" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$45.76	\$145.01	\$0.00	\$190.77
107712	15" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$54.74	\$211.94	\$0.00	\$266.68
107713	2" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$40.03	\$25.96	\$0.00	\$65.99
107714	3" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$58.83	\$44.23	\$0.00	\$103.06
107715	4" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$80.07	\$61.95	\$0.00	\$142.02
107716	5" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$99.68	\$98.31	\$0.00	\$197.99
107717	6" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$112.76	\$123.37	\$0.00	\$236.13
107718	8" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$146.26	\$330.59	\$0.00	\$476.85
107719	10" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$206.72	\$505.76	\$0.00	\$712.48
107720	12" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
107721	15" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15
107722	2" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$10.52	\$24.59	\$0.00	\$35.11
107723	3" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$16.54	\$33.22	\$0.00	\$49.76
107724	4" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$20.30	\$43.51	\$0.00	\$63.81
107725	5" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$24.81	\$57.66	\$0.00	\$82.47
107726	6" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$27.82	\$64.90	\$0.00	\$92.72

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		Units	Labor	Material	Equipment	Total
107727	8" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$40.60	\$113.31	\$0.00	\$153.91
107728	10" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$48.86	\$184.40	\$0.00	\$233.26
107729	12" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$53.37	\$261.02	\$0.00	\$314.39
107730	15" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$65.40	\$403.56	\$0.00	\$468.96
107731	2" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$41.60	\$50.65	\$0.00	\$92.25
107732	3" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$62.64	\$96.78	\$0.00	\$159.42
107733	4" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$82.68	\$140.22	\$0.00	\$222.90
107734	5" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$102.98	\$200.26	\$0.00	\$303.24
107735	6" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$118.77	\$236.33	\$0.00	\$355.10
107736	8" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$168.13	\$587.23	\$0.00	\$755.36
107737	10" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$224.76	\$830.99	\$0.00	\$1,055.75
107738	12" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$274.13	\$1,684.02	\$0.00	\$1,958.15
107739	15" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$344.29	\$2,958.00	\$0.00	\$3,302.29
107740	1-1/2" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$23.69	\$14.63	\$0.00	\$38.32
107741	2" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$24.51	\$14.65	\$0.00	\$39.16
107742	3" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$29.42	\$20.28	\$0.00	\$49.70
107743	4" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$35.95	\$26.82	\$0.00	\$62.77
107744	5" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$38.40	\$39.85	\$0.00	\$78.25

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		Units	Labor	Material	Equipment	Total
107745	6" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$42.49	\$47.85	\$0.00	\$90.34
107746	8" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$52.29	\$77.00	\$0.00	\$129.29
107747	10" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$62.92	\$120.46	\$0.00	\$183.38
107748	12" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$67.82	\$165.21	\$0.00	\$233.03
107749	15" Sanitary Waste Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$76.81	\$242.00	\$0.00	\$318.81
107750	1-1/2" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$25.33	\$32.30	\$0.00	\$57.63
107751	2" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$32.68	\$33.21	\$0.00	\$65.89
107752	3" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$49.02	\$42.87	\$0.00	\$91.89
107753	4" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$64.55	\$56.46	\$0.00	\$121.01
107754	5" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$80.89	\$130.58	\$0.00	\$211.47
107755	6" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$98.05	\$139.83	\$0.00	\$237.88
107756	8" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$116.02	\$320.05	\$0.00	\$436.07
107757	10" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$162.60	\$573.80	\$0.00	\$736.40
107758	12" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$214.89	\$1,007.06	\$0.00	\$1,221.95

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		Units	Labor	Material	Equipment	Total
107759	15" Sanitary Waste Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$300.68	\$2,056.59	\$0.00	\$2,357.27
107760	2" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$25.33	\$14.40	\$0.00	\$39.73
107761	3" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$29.42	\$19.42	\$0.00	\$48.84
107762	4" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$37.58	\$26.01	\$0.00	\$63.59
107763	5" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$41.68	\$35.22	\$0.00	\$76.90
107764	6" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$45.76	\$44.13	\$0.00	\$89.89
107765	8" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$57.19	\$68.85	\$0.00	\$126.04
107766	10" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$67.00	\$109.75	\$0.00	\$176.75
107767	12" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$71.08	\$156.26	\$0.00	\$227.34
107768	15" Sanitary Waste Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$81.71	\$230.16	\$0.00	\$311.87
107769	2" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$40.03	\$25.96	\$0.00	\$65.99
107770	3" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$58.83	\$44.23	\$0.00	\$103.06
107771	4" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$80.07	\$61.95	\$0.00	\$142.02
107772	5" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$99.68	\$98.31	\$0.00	\$197.99
107773	6" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$112.76	\$123.37	\$0.00	\$236.13
107774	8" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$146.26	\$330.59	\$0.00	\$476.85
107775	10" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$206.72	\$505.76	\$0.00	\$712.48
107776	12" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
107777	15" Sanitary Waste Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15

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		Units	Labor	Material	Equipment	Total
107778	2" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$26.31	\$25.88	\$0.00	\$52.19
107779	3" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$33.22	\$35.40	\$0.00	\$68.62
107780	4" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$41.34	\$47.10	\$0.00	\$88.44
107781	5" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$45.85	\$61.27	\$0.00	\$107.12
107782	6" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$49.76	\$70.51	\$0.00	\$120.27
107783	8" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$65.70	\$122.19	\$0.00	\$187.89
107784	10" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$73.97	\$194.33	\$0.00	\$268.30
107785	12" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$78.48	\$272.28	\$0.00	\$350.76
107786	15" Sanitary Waste Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$92.46	\$421.79	\$0.00	\$514.25
107787	2" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$41.60	\$50.65	\$0.00	\$92.25
107788	3" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$62.64	\$96.78	\$0.00	\$159.42
107789	4" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$82.68	\$140.22	\$0.00	\$222.90
107790	5" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$102.98	\$200.26	\$0.00	\$303.24
107791	6" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$118.77	\$236.33	\$0.00	\$355.10
107792	8" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$168.13	\$587.23	\$0.00	\$755.36
107793	10" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$224.76	\$830.99	\$0.00	\$1,055.75
107794	12" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$274.13	\$1,684.02	\$0.00	\$1,958.15
107795	15" Sanitary Waste Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$344.29	\$2,958.00	\$0.00	\$3,302.29
107796	1-1/2" Sanitary Waste Pipe - Copper, DWV, Hard Drawn, Soldered	LF	\$15.52	\$10.95	\$0.00	\$26.47
107797	2" Sanitary Waste Pipe - Copper, DWV, Hard Drawn, Soldered	LF	\$15.52	\$14.10	\$0.00	\$29.62

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		Units	Labor	Material	Equipment	Total
107798	3" Sanitary Waste Pipe - Copper, DWV, Hard Drawn, Soldered	LF	\$15.52	\$24.15	\$0.00	\$39.67
107799	1-1/2" Sanitary Waste Fitting - Copper, DWV, Wrot, Soldered	EA	\$56.37	\$28.54	\$0.00	\$84.91
107800	2" Sanitary Waste Fitting - Copper, DWV, Wrot, Soldered	EA	\$63.73	\$42.69	\$0.00	\$106.42
107801	3" Sanitary Waste Fitting - Copper, DWV, Wrot, Soldered	EA	\$117.66	\$85.20	\$0.00	\$202.86
107802	1-1/2" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$1.28	\$0.00	\$6.18
107803	2" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$1.67	\$0.00	\$6.57
107804	3" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$3.38	\$0.00	\$8.28
107805	4" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$5.72	\$5.05	\$0.00	\$10.77
107806	6" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$8.99	\$13.49	\$0.00	\$22.48
107807	1-1/2" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$21.24	\$2.77	\$0.00	\$24.01
107808	2" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$22.06	\$3.89	\$0.00	\$25.95
107809	3" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$32.68	\$8.83	\$0.00	\$41.51
107810	4" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$69.45	\$17.32	\$0.00	\$86.77
107811	6" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$151.97	\$64.06	\$0.00	\$216.03
107812	1-1/2" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.12	\$0.00	\$30.09
107813	2" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.51	\$0.00	\$30.48
107814	3" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.15	\$6.11	\$0.00	\$32.26
107815	4" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$29.42	\$9.04	\$0.00	\$38.46
107816	6" Sanitary Waste Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$31.05	\$19.10	\$0.00	\$50.15
107817	1-1/2" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.77	\$0.00	\$24.01
107818	2" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$22.06	\$3.89	\$0.00	\$25.95

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		Units	Labor	Material	Equipment	Total
107819	3" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$8.83	\$0.00	\$41.51
107820	4" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$69.45	\$17.32	\$0.00	\$86.77
107821	6" Sanitary Waste Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$151.97	\$64.06	\$0.00	\$216.03
107822	1-1/2" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.57	\$0.00	\$30.54
107823	2" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$4.19	\$0.00	\$31.16
107824	3" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.15	\$7.42	\$0.00	\$33.57
107825	4" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$29.42	\$10.32	\$0.00	\$39.74
107826	6" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$31.05	\$17.57	\$0.00	\$48.62
107827	8" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$35.95	\$27.49	\$0.00	\$63.44
107828	10" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$35.95	\$35.25	\$0.00	\$71.20
107829	12" Sanitary Vent Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$33.50	\$43.40	\$0.00	\$76.90
107830	1-1/2" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.41	\$0.00	\$23.65
107831	2" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$22.87	\$2.84	\$0.00	\$25.71
107832	3" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$7.89	\$0.00	\$40.57
107833	4" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$70.26	\$14.08	\$0.00	\$84.34
107834	6" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$154.42	\$46.55	\$0.00	\$200.97
107835	8" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$186.29	\$70.69	\$0.00	\$256.98
107836	10" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$205.09	\$133.96	\$0.00	\$339.05
107837	12" Sanitary Vent Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$217.34	\$185.24	\$0.00	\$402.58

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		Units	Labor	Material	Equipment	Total
107838	1-1/2" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$23.69	\$14.63	\$0.00	\$38.32
107839	2" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$24.51	\$14.65	\$0.00	\$39.16
107840	3" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$29.42	\$20.28	\$0.00	\$49.70
107841	4" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$35.95	\$26.82	\$0.00	\$62.77
107842	5" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$38.40	\$39.85	\$0.00	\$78.25
107843	6" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$42.49	\$47.85	\$0.00	\$90.34
107844	8" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$52.29	\$77.00	\$0.00	\$129.29
107845	10" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$62.92	\$120.46	\$0.00	\$183.38
107846	12" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$67.82	\$165.21	\$0.00	\$233.03
107847	15" Sanitary Vent Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$76.81	\$242.00	\$0.00	\$318.81
107848	1-1/2" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$25.33	\$32.30	\$0.00	\$57.63
107849	2" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$32.68	\$33.21	\$0.00	\$65.89
107850	3" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$49.02	\$42.87	\$0.00	\$91.89
107851	4" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$64.55	\$56.46	\$0.00	\$121.01
107852	5" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$80.89	\$130.58	\$0.00	\$211.47

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		Units	Labor	Material	Equipment	Total
107853	6" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$98.05	\$139.83	\$0.00	\$237.88
107854	8" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$116.02	\$320.05	\$0.00	\$436.07
107855	10" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$162.60	\$573.80	\$0.00	\$736.40
107856	12" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$214.89	\$1,007.06	\$0.00	\$1,221.95
107857	15" Sanitary Vent Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$300.68	\$2,056.59	\$0.00	\$2,357.27
107858	2" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$25.33	\$14.40	\$0.00	\$39.73
107859	3" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$29.42	\$19.42	\$0.00	\$48.84
107860	4" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$37.58	\$26.01	\$0.00	\$63.59
107861	5" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$41.68	\$35.22	\$0.00	\$76.90
107862	6" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$45.76	\$44.13	\$0.00	\$89.89
107863	8" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$57.19	\$68.85	\$0.00	\$126.04
107864	10" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$67.00	\$109.75	\$0.00	\$176.75
107865	12" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$71.08	\$156.26	\$0.00	\$227.34
107866	15" Sanitary Vent Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$81.71	\$230.16	\$0.00	\$311.87
107867	2" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$40.03	\$25.96	\$0.00	\$65.99
107868	3" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$58.83	\$44.23	\$0.00	\$103.06
107869	4" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$80.07	\$61.95	\$0.00	\$142.02
107870	5" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$99.68	\$98.31	\$0.00	\$197.99

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		Units	Labor	Material	Equipment	Total
107871	6" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$112.76	\$123.37	\$0.00	\$236.13
107872	8" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$146.26	\$330.59	\$0.00	\$476.85
107873	10" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$206.72	\$505.76	\$0.00	\$712.48
107874	12" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
107875	15" Sanitary Vent Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15
107876	1-1/2" Sanitary Vent Pipe - Copper, DWV, Hard Drawn, Soldered	LF	\$15.52	\$10.95	\$0.00	\$26.47
107877	2" Sanitary Vent Pipe - Copper, DWV, Hard Drawn, Soldered	LF	\$15.52	\$14.10	\$0.00	\$29.62
107878	3" Sanitary Vent Pipe - Copper, DWV, Hard Drawn, Soldered	LF	\$15.52	\$24.15	\$0.00	\$39.67
107879	1-1/2" Sanitary Vent Fitting - Copper, DWV, Wrot, Soldered	EA	\$56.37	\$28.54	\$0.00	\$84.91
107880	2" Sanitary Vent Fitting - Copper, DWV, Wrot, Soldered	EA	\$63.73	\$42.69	\$0.00	\$106.42
107881	3" Sanitary Vent Fitting - Copper, DWV, Wrot, Soldered	EA	\$117.66	\$85.20	\$0.00	\$202.86
107882	1-1/2" Sanitary Vent Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.12	\$0.00	\$30.09
107883	2" Sanitary Vent Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.51	\$0.00	\$30.48
107884	3" Sanitary Vent Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.15	\$6.11	\$0.00	\$32.26
107885	4" Sanitary Vent Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$29.42	\$9.04	\$0.00	\$38.46
107886	6" Sanitary Vent Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$31.05	\$19.10	\$0.00	\$50.15
107887	1-1/2" Sanitary Vent Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.77	\$0.00	\$24.01
107888	2" Sanitary Vent Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$22.06	\$3.89	\$0.00	\$25.95
107889	3" Sanitary Vent Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$8.83	\$0.00	\$41.51
107890	4" Sanitary Vent Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$69.45	\$17.32	\$0.00	\$86.77
107891	6" Sanitary Vent Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$151.97	\$64.06	\$0.00	\$216.03

22-13-19 Sanitary Waste Piping Specialties

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		Units	Labor	Material	Equipment	Total
107892	Floor Drain Nickel Bronze Adjustable Strainer. Up To 4" Pipe. Includes P-Trap. Zurn Zn415 Or Equal W/Vandal Resistant Hardware.	EA	\$147.07	\$284.03	\$0.00	\$431.10
107893	Floor Drain w/Sediment Bucket (Mechanical Rooms) Nickel Bronze Adjustable Strainer. Up To 4" Pipe. Includes P-Trap. Zurn Z541 Or Equal W/Vandal Resistant Hardware.	EA	\$196.10	\$616.81	\$0.00	\$812.91
107894	Floor Drain w/Sediment Bucket- Stainless Steel (Kitchen) Stainless Steel. Up To 4" Pipe. Includes P-Trap. Zurn Z1800 Or Equal W/Vandal Resistant Hardware.	EA	\$196.10	\$1,894.33	\$0.00	\$2,090.43
107895	Floor Drain w/Sediment Bucket (Area/Garage) Extra Heavy Duty Cast Iron Grate. Up To 4" Pipe. Includes P-Trap. Zurn Z675 Or Equal W/Vandal Resistant Hardware.	EA	\$245.12	\$1,417.70	\$0.00	\$1,662.82
107896	Floor Drain- Flushing Rim Zurn Z310 Or Equal. Includes P-Trap.	EA	\$294.15	\$1,198.28	\$0.00	\$1,492.43
107897	Floor Sink- Cast Iron 12" X 12" X 6" Cast Iron W/Grate. Zurn Z1900 Or Equal.	EA	\$186.29	\$1,150.74	\$0.00	\$1,337.03
107898	Floor Sink- Stainless Steel 12" X 12" X 6" Stainless Steel W/Grate. Zurn Z7150 Or Equal.	EA	\$186.29	\$1,894.33	\$0.00	\$2,080.62
107899	Floor Cleanout Cast Iron Body & Nickle Bronze Adjustable Cover. Zurn Z1400 Or Equal.	EA	\$102.13	\$324.25	\$0.00	\$426.38
107900	Wall/Stack Cleanout Cast Iron Body W/Stainless Access Cover. Zurn Z1446 Or Equal.	EA	\$52.29	\$232.83	\$0.00	\$285.12
107901	Trap Guard/Seal Chemical Resistant Elastomeric Material. Mifab Mi-Guard Or Equal.	EA	\$8.18	\$78.02	\$0.00	\$86.20
107902	Trap Primer- Manual Mifab Mr-500 And Mi-Gap Or Equal.	EA	\$40.85	\$84.11	\$0.00	\$124.96
107903	Trap Primer- Electronic (5-Ports) Mifab Mi-100-5 Or Equal.	EA	\$65.37	\$1,704.16	\$0.00	\$1,769.53
107904	Trench Drain- 6" Polymer Body & Galvanized Grate Aco K100 Drain, Type 425Q C Class Grate & Universal Endcap Or Equal.	LF	\$26.97	\$156.03	\$0.00	\$183.00
107905	Trench Drain- 6" Polymer Body & Ductile Iron Grate Aco S100K Drain, Type 461Q Grate & Universal Endcap Or Equal.	LF	\$26.97	\$195.04	\$0.00	\$222.01

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		Units	Labor	Material	Equipment	Total
107906	Trench Drain- 6" Polymer Body & Stainless Steel Grate Aco Ks100 Drain, Type 455Q C Class Grate & Universal Endcap Or Equal.	LF	\$26.97	\$329.13	\$0.00	\$356.10
107907	Trench Drain- 12" Polymer Body & Galvanized Grate Aco K300 Drain, Type 811Q C Class Grate & Universal Endcap Or Equal.	LF	\$29.42	\$622.91	\$0.00	\$652.33
107908	Trench Drain- 12" Polymer Body & Ductile Iron Grate Aco S300K Drain, Type 861Q Grate & Universal Endcap Or Equal.	LF	\$29.42	\$650.95	\$0.00	\$680.37
107909	Trench Drain- 12" Polymer Body & Stainless Steel Grate Aco Ks300 Drain, Type 856Q C Class Grate & Universal Endcap Or Equal.	LF	\$29.42	\$1,243.38	\$0.00	\$1,272.80
107910	Trench Drain- 6" Stainless Grate Only Aco Type 455Q C Class Or Equal.	LF	\$26.97	\$191.38	\$0.00	\$218.35
107911	Trench Drain- 4" Stainless Body & Grate (Shower) Zurn Zs880 Or Equal.	LF	\$26.97	\$365.70	\$0.00	\$392.67
107912	Trench Drain- 6" Stainless Body & Grate Blucher Bt-6 Or Equal.	LF	\$26.97	\$299.87	\$0.00	\$326.84
107913	Trench Drain- 12" Stainless Body & Grate Blucher Bt-12 Or Equal.	LF	\$29.42	\$1,123.92	\$0.00	\$1,153.34
22-13-23	Sanitary Waste Interceptors					
107914	4 GPM, 8 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1170 Or Equal.	EA	\$392.20	\$1,150.96	\$0.00	\$1,543.16
107915	10 GPM, 20 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1170 Or Equal.	EA	\$392.20	\$1,976.58	\$0.00	\$2,368.78
107916	15 GPM, 30 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1170 Or Equal.	EA	\$588.29	\$2,924.92	\$0.00	\$3,513.21

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		Units	Labor	Material	Equipment	Total
107917	25 GPM, 50 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1170 Or Equal.	EA	\$784.39	\$4,021.70	\$0.00	\$4,806.09
107918	50 GPM, 100 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1170 Or Equal.	EA	\$784.39	\$6,580.59	\$0.00	\$7,364.98
107919	75 GPM, 150 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$882.44	\$8,382.99	\$0.00	\$9,265.43
107920	100 GPM, 200 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$980.49	\$9,432.00	\$0.00	\$10,412.49
107921	125 GPM, 250 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$980.49	\$9,953.61	\$0.00	\$10,934.10
107922	150 GPM, 300 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$980.49	\$10,476.44	\$0.00	\$11,456.93
107923	200 GPM, 400 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,176.59	\$15,191.47	\$0.00	\$16,368.06
107924	250 GPM, 500 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,176.59	\$17,687.69	\$0.00	\$18,864.28

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		Units	Labor	Material	Equipment	Total
107925	300 GPM, 600 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,176.59	\$20,847.34	\$0.00	\$22,023.93
107926	350 GPM, 700 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,372.69	\$23,153.69	\$0.00	\$24,526.38
107927	400 GPM, 800 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,372.69	\$25,508.79	\$0.00	\$26,881.48
107928	450 GPM, 900 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,568.78	\$28,709.89	\$0.00	\$30,278.67
107929	500 GPM, 1,000 Lb Grease/Oil Interceptor Steel Hydro Mechanical Grease/Oil Interceptor. Acid Resistant Coated Interior and Exterior, Above Or Below Grade. Zurn Z1172 Or Equal.	EA	\$1,568.78	\$30,192.19	\$0.00	\$31,760.97
107930	[Modifier] Grease/Oil Interceptor Notification System Includes Encased Fiberglass Sensor Box Containing An Electronic Grease Level Sensor , A Fiberglass Display Box With One Green Power Light, Red Grease Level Light, Audio Alarm, And Junction Box.	EA	\$245.12	\$3,582.64	\$0.00	\$3,827.76
107931	2" 30 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$343.17	\$3,839.59	\$0.00	\$4,182.76
107932	6" 300 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$1,225.61	\$5,654.94	\$0.00	\$6,880.55
107933	6" 400 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$1,225.61	\$6,459.48	\$0.00	\$7,685.09
107934	6" 500 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$1,225.61	\$7,239.64	\$0.00	\$8,465.25

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		Units	Labor	Material	Equipment	Total
107935	3" 70 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$588.29	\$4,351.82	\$0.00	\$4,940.11
107936	4" 100 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$588.29	\$5,118.81	\$0.00	\$5,707.10
107937	4" 200 GPM Lint Interceptor Acid Resistant Coated Interior and Exterior. Zurn Z1185 Or Equal.	EA	\$882.44	\$5,502.68	\$0.00	\$6,385.12
107938	15 GPM In-Line Solids Interceptor, Acid Resistant - Up To 2" Acid Resistant Composite Interceptor To Be Used In Lieu Of Fixture 'P' Trap, For On-Floor Installation.	EA	\$142.99	\$1,736.22	\$0.00	\$1,879.21
107939	30 GPM In-Line Solids Interceptor, Acid Resistant - Up To 3" Acid Resistant Composite Interceptor To Be Used In Lieu Of Fixture 'P' Trap, For On-Floor Installation. Zurn Z1181 Or Equal.	EA	\$343.17	\$6,415.23	\$0.00	\$6,758.40
107940	15 GPM In-Line Solids Interceptor - Up To 3" Stainless Steel Composite Interceptor To Be Used In Lieu Of Fixture 'P' Trap, For On-Floor Installation. Zurn Z1183 Or Equal.	EA	\$142.99	\$959.32	\$0.00	\$1,102.31
107941	35 GPM In-Line Solids Interceptor - Up To 4" Stainless Steel Composite Interceptor To Be Used In Lieu Of Fixture 'P' Trap, For On-Floor Installation. Zurn Z1183 Or Equal.	EA	\$343.17	\$1,150.70	\$0.00	\$1,493.87
107942	1-1/2" In-Line Hair Interceptor Dura-Coated Cast Iron, In Lieu Of Fixture 'P' Trap.	EA	\$142.99	\$478.57	\$0.00	\$621.56

22-13-29 Sanitary Sewerage Pumps

Packaged pumps to be factory assembled and tested, single-stage, automatic operation, submersible, direct connected w/control panel.

107943	1/2 HP Simplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$915.12	\$784.27	\$0.00	\$1,699.39
107944	3/4 HP Simplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$915.12	\$1,872.64	\$0.00	\$2,787.76
107945	1 HP Simplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,568.78	\$2,032.69	\$0.00	\$3,601.47

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		Units	Labor	Material	Equipment	Total
107946	1/2 HP Duplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$8,618.44	\$0.00	\$10,383.32
107947	3/4 HP Duplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$11,330.76	\$0.00	\$13,095.64
107948	1 HP Duplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$11,874.16	\$0.00	\$13,639.04
107949	1-1/2 HP Duplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$13,275.21	\$0.00	\$15,040.09
107950	3 HP Duplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$2,647.32	\$19,970.88	\$0.00	\$22,618.20
107951	5 HP Duplex Packaged Ejector Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$2,647.32	\$20,125.69	\$0.00	\$22,773.01
107952	2" Packaged Ejector Pump Hook-Up	EA	\$877.54	\$345.15	\$0.00	\$1,222.69
107953	3" Packaged Ejector Pump Hook-Up	EA	\$1,192.93	\$790.13	\$0.00	\$1,983.06
107954	4" Packaged Ejector Pump Hook-Up	EA	\$1,756.72	\$1,459.03	\$0.00	\$3,215.75
107955	6" Packaged Ejector Pump Hook-Up	EA	\$2,851.60	\$2,918.07	\$0.00	\$5,769.67

22-14-00 Facility Storm Drainage

- Plumbing Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Plumbing Equipment costs exclude housekeeping pads and dunnage.

22-14-13 Facility Storm Drainage Piping

107956	1-1/2" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$1.73	\$0.00	\$6.63
107957	2" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$2.35	\$0.00	\$7.25
107958	3" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$5.72	\$4.69	\$0.00	\$10.41
107959	4" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$5.72	\$6.33	\$0.00	\$12.05
107960	6" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$9.81	\$11.96	\$0.00	\$21.77
107961	8" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$10.63	\$18.60	\$0.00	\$29.23

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		Units	Labor	Material	Equipment	Total
107962	10" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$13.08	\$26.22	\$0.00	\$39.30
107963	12" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$13.89	\$34.74	\$0.00	\$48.63
107964	1-1/2" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$21.24	\$2.41	\$0.00	\$23.65
107965	2" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$22.87	\$2.84	\$0.00	\$25.71
107966	3" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$32.68	\$7.89	\$0.00	\$40.57
107967	4" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$70.26	\$14.08	\$0.00	\$84.34
107968	6" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$154.42	\$46.55	\$0.00	\$200.97
107969	8" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$186.29	\$70.69	\$0.00	\$256.98
107970	10" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$205.09	\$133.96	\$0.00	\$339.05
107971	12" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$217.34	\$185.24	\$0.00	\$402.58
107972	1-1/2" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.57	\$0.00	\$30.54
107973	2" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$4.19	\$0.00	\$31.16
107974	3" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.15	\$7.42	\$0.00	\$33.57
107975	4" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$29.42	\$10.32	\$0.00	\$39.74
107976	6" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$31.05	\$17.57	\$0.00	\$48.62
107977	8" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$35.95	\$27.49	\$0.00	\$63.44
107978	10" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$35.95	\$35.25	\$0.00	\$71.20
107979	12" Storm Water Pipe - PVC, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$33.50	\$43.40	\$0.00	\$76.90
107980	1-1/2" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.41	\$0.00	\$23.65
107981	2" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$22.87	\$2.84	\$0.00	\$25.71

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		Units	Labor	Material	Equipment	Total
107982	3" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$7.89	\$0.00	\$40.57
107983	4" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$70.26	\$14.08	\$0.00	\$84.34
107984	6" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$154.42	\$46.55	\$0.00	\$200.97
107985	8" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$186.29	\$70.69	\$0.00	\$256.98
107986	10" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$205.09	\$133.96	\$0.00	\$339.05
107987	12" Storm Water Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$217.34	\$185.24	\$0.00	\$402.58
107988	2" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$9.81	\$13.10	\$0.00	\$22.91
107989	3" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$13.08	\$17.24	\$0.00	\$30.32
107990	4" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$17.16	\$22.41	\$0.00	\$39.57
107991	5" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$20.42	\$31.62	\$0.00	\$52.04
107992	6" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$24.51	\$38.52	\$0.00	\$63.03
107993	8" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$31.87	\$59.97	\$0.00	\$91.84
107994	10" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$42.49	\$99.81	\$0.00	\$142.30
107995	12" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$45.76	\$145.01	\$0.00	\$190.77
107996	15" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	LF	\$54.74	\$211.94	\$0.00	\$266.68
107997	2" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$40.03	\$25.96	\$0.00	\$65.99
107998	3" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$58.83	\$44.23	\$0.00	\$103.06
107999	4" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$80.07	\$61.95	\$0.00	\$142.02
108000	5" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$99.68	\$98.31	\$0.00	\$197.99
108001	6" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$112.76	\$123.37	\$0.00	\$236.13

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		Units	Labor	Material	Equipment	Total
108002	8" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$146.26	\$330.59	\$0.00	\$476.85
108003	10" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$206.72	\$505.76	\$0.00	\$712.48
108004	12" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
108005	15" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint, w/o Hangers	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15
108006	2" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$10.52	\$24.59	\$0.00	\$35.11
108007	3" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$16.54	\$33.22	\$0.00	\$49.76
108008	4" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$20.30	\$43.51	\$0.00	\$63.81
108009	5" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$24.81	\$57.66	\$0.00	\$82.47
108010	6" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$27.82	\$64.90	\$0.00	\$92.72
108011	8" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$40.60	\$113.31	\$0.00	\$153.91
108012	10" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$48.86	\$184.40	\$0.00	\$233.26
108013	12" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$53.37	\$261.02	\$0.00	\$314.39
108014	15" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	LF	\$65.40	\$403.56	\$0.00	\$468.96
108015	2" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$41.60	\$50.65	\$0.00	\$92.25
108016	3" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$62.64	\$96.78	\$0.00	\$159.42
108017	4" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$82.68	\$140.22	\$0.00	\$222.90
108018	5" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$102.98	\$200.26	\$0.00	\$303.24
108019	6" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$118.77	\$236.33	\$0.00	\$355.10
108020	8" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$168.13	\$587.23	\$0.00	\$755.36
108021	10" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$224.76	\$830.99	\$0.00	\$1,055.75

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		Units	Labor	Material	Equipment	Total
108022	12" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$274.13	\$1,684.02	\$0.00	\$1,958.15
108023	15" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint, w/o Hangers	EA	\$344.29	\$2,958.00	\$0.00	\$3,302.29
108024	1-1/2" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$23.69	\$14.63	\$0.00	\$38.32
108025	2" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$24.51	\$14.65	\$0.00	\$39.16
108026	3" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$29.42	\$20.28	\$0.00	\$49.70
108027	4" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$35.95	\$26.82	\$0.00	\$62.77
108028	5" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$38.40	\$39.85	\$0.00	\$78.25
108029	6" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$42.49	\$47.85	\$0.00	\$90.34
108030	8" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$52.29	\$77.00	\$0.00	\$129.29
108031	10" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$62.92	\$120.46	\$0.00	\$183.38
108032	12" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$67.82	\$165.21	\$0.00	\$233.03
108033	15" Storm Water Pipe - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	LF	\$76.81	\$242.00	\$0.00	\$318.81
108034	1-1/2" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$25.33	\$32.30	\$0.00	\$57.63
108035	2" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$32.68	\$33.21	\$0.00	\$65.89
108036	3" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$49.02	\$42.87	\$0.00	\$91.89

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		Units	Labor	Material	Equipment	Total
108037	4" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$64.55	\$56.46	\$0.00	\$121.01
108038	5" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$80.89	\$130.58	\$0.00	\$211.47
108039	6" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$98.05	\$139.83	\$0.00	\$237.88
108040	8" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$116.02	\$320.05	\$0.00	\$436.07
108041	10" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$162.60	\$573.80	\$0.00	\$736.40
108042	12" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$214.89	\$1,007.06	\$0.00	\$1,221.95
108043	15" Storm Water Fitting - Cast Iron, Service Weight, No-Hub Includes Heavy-Duty Shielded Couplings	EA	\$300.68	\$2,056.59	\$0.00	\$2,357.27
108044	2" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$25.33	\$14.40	\$0.00	\$39.73
108045	3" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$29.42	\$19.42	\$0.00	\$48.84
108046	4" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$37.58	\$26.01	\$0.00	\$63.59
108047	5" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$41.68	\$35.22	\$0.00	\$76.90
108048	6" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$45.76	\$44.13	\$0.00	\$89.89
108049	8" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$57.19	\$68.85	\$0.00	\$126.04
108050	10" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$67.00	\$109.75	\$0.00	\$176.75
108051	12" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$71.08	\$156.26	\$0.00	\$227.34
108052	15" Storm Water Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$81.71	\$230.16	\$0.00	\$311.87
108053	2" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$40.03	\$25.96	\$0.00	\$65.99

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		Units	Labor	Material	Equipment	Total
108054	3" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$58.83	\$44.23	\$0.00	\$103.06
108055	4" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$80.07	\$61.95	\$0.00	\$142.02
108056	5" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$99.68	\$98.31	\$0.00	\$197.99
108057	6" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$112.76	\$123.37	\$0.00	\$236.13
108058	8" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$146.26	\$330.59	\$0.00	\$476.85
108059	10" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$206.72	\$505.76	\$0.00	\$712.48
108060	12" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
108061	15" Storm Water Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15
108062	2" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$26.31	\$25.88	\$0.00	\$52.19
108063	3" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$33.22	\$35.40	\$0.00	\$68.62
108064	4" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$41.34	\$47.10	\$0.00	\$88.44
108065	5" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$45.85	\$61.27	\$0.00	\$107.12
108066	6" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$49.76	\$70.51	\$0.00	\$120.27
108067	8" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$65.70	\$122.19	\$0.00	\$187.89
108068	10" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$73.97	\$194.33	\$0.00	\$268.30
108069	12" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$78.48	\$272.28	\$0.00	\$350.76
108070	15" Storm Water Pipe - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	LF	\$92.46	\$421.79	\$0.00	\$514.25
108071	2" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$41.60	\$50.65	\$0.00	\$92.25
108072	3" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$62.64	\$96.78	\$0.00	\$159.42
108073	4" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$82.68	\$140.22	\$0.00	\$222.90

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		Units	Labor	Material	Equipment	Total
108074	5" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$102.98	\$200.26	\$0.00	\$303.24
108075	6" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$118.77	\$236.33	\$0.00	\$355.10
108076	8" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$168.13	\$587.23	\$0.00	\$755.36
108077	10" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$224.76	\$830.99	\$0.00	\$1,055.75
108078	12" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$274.13	\$1,684.02	\$0.00	\$1,958.15
108079	15" Storm Water Fitting - Cast Iron, Extra Heavy, Single Hub, Gasketed Joint	EA	\$344.29	\$2,958.00	\$0.00	\$3,302.29
108080	1-1/2" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$1.28	\$0.00	\$6.18
108081	2" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$1.67	\$0.00	\$6.57
108082	3" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$4.90	\$3.38	\$0.00	\$8.28
108083	4" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$5.72	\$5.05	\$0.00	\$10.77
108084	6" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement, w/o Hangers	LF	\$8.99	\$13.49	\$0.00	\$22.48
108085	1-1/2" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$21.24	\$2.77	\$0.00	\$24.01
108086	2" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$22.06	\$3.89	\$0.00	\$25.95
108087	3" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$32.68	\$8.83	\$0.00	\$41.51
108088	4" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$69.45	\$17.32	\$0.00	\$86.77
108089	6" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement, w/o Hangers	EA	\$151.97	\$64.06	\$0.00	\$216.03
108090	1-1/2" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.12	\$0.00	\$30.09
108091	2" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.97	\$3.51	\$0.00	\$30.48
108092	3" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$26.15	\$6.11	\$0.00	\$32.26
108093	4" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$29.42	\$9.04	\$0.00	\$38.46

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		Units	Labor	Material	Equipment	Total
108094	6" Storm Water Pipe - ABS, Schedule 40, DWV, Solid Core, Solvent Cement	LF	\$31.05	\$19.10	\$0.00	\$50.15
108095	1-1/2" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.77	\$0.00	\$24.01
108096	2" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$22.06	\$3.89	\$0.00	\$25.95
108097	3" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$8.83	\$0.00	\$41.51
108098	4" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$69.45	\$17.32	\$0.00	\$86.77
108099	6" Storm Water Fitting - ABS, Schedule 40, DWV, Solvent Cement	EA	\$151.97	\$64.06	\$0.00	\$216.03
108100	4" PVC Drain Tile w/ Filter Fabric - Bell & Spigot (Includes Fittings) Perforated, Cellular Core Pipe And Fittings W/ Bell-And-Spigot Joints.	LF	\$5.31	\$2.05	\$0.00	\$7.36
108101	4" PVC Schedule 40 Drain Tile w/ Filter Fabric - Solvent Cement (Includes Fittings)	LF	\$5.72	\$3.67	\$0.00	\$9.39
108102	6" PVC Schedule 40 Drain Tile w/ Filter Fabric - Solvent Cement (Includes Fittings) Solid Core Pipe, Socket Fittings	LF	\$9.81	\$6.67	\$0.00	\$16.48
22-14-26 Facility Storm Drains						
108103	Roof Drain - Standard, Cast Iron Body & Dome 4" To 8" Pipe, 15" Diameter, Cast Iron Body & Dome. Zurn Z100 Or Equal.	EA	\$220.62	\$702.14	\$0.00	\$922.76
108104	Roof Drain - Standard, Cast Iron Body & Polyethylene Dome 4" To 8" Pipe, 15" Diameter, Cast Iron Body & Polyethylene Dome. Zurn Z100 Or Equal.	EA	\$220.62	\$604.62	\$0.00	\$825.24
108105	Roof Drain - Overflow, Cast Iron Body & Dome 4" To 8" Pipe, 15" Diameter, Cast Iron Body & Dome. Zurn Z100-W2 Or Equal.	EA	\$220.62	\$865.49	\$0.00	\$1,086.11
108106	Roof Drain - Overflow, Cast Iron Body & Polyethylene Dome 4" To 8" Pipe, 15" Diameter, Cast Iron Body & Polyethylene Dome. Zurn Z100-W2 Or Equal.	EA	\$220.62	\$767.97	\$0.00	\$988.59
108107	Roof Drain - Combination Main and Overflow 4" To 8" Pipe, 15" Diameter, Cast Iron Body & Dome. Zurn Z163 Or Equal.	EA	\$220.62	\$1,388.44	\$0.00	\$1,609.06

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		Units	Labor	Material	Equipment	Total
108108	Roof Drain - Bi-Functional / Dual Outlet 4" To 8" Pipe, Cast Iron Body & Dome W/Overflow Strainer. Froet 100C Or Equal.	EA	\$220.62	\$970.32	\$0.00	\$1,190.94
108109	Roof Drain - Wall Downspout / Overflow Nozzle 4" To 8" Pipe, Bronze Body. Zurn Z199 Or Equal.	EA	\$81.71	\$839.89	\$0.00	\$921.60
108110	Roof Drain - Parapet Scupper 4" To 8" Pipe. Cast Iron Body W/Aluminum Grate. Zurn Z187 Or Equal.	EA	\$204.27	\$609.50	\$0.00	\$813.77
108111	Roof Drain - Downspout Boot (Gutter to Pipe) 5" X 4" X 24" Cast Iron. Zurn Z191 Or Equal.	EA	\$171.59	\$659.48	\$0.00	\$831.07
108112	Roof Drain - Cornice (Inside Gutter) 4" Pipe Cast Iron Body W/6" Diameter Bronze Dome. Zurn Z181 Or Equal.	EA	\$130.73	\$354.73	\$0.00	\$485.46
108113	Roof Drain - Retrofit/Replacement, Aluminum 4" To 6" Pipe	EA	\$214.89	\$363.26	\$0.00	\$578.15
108114	Roof Drain - Retrofit/Replacement, Copolymer 4" To 6" Pipe	EA	\$214.89	\$73.14	\$0.00	\$288.03
108115	Roof Drain - Retrofit/Replacement, Stainless Steel 4" To 6" Pipe. Included Stainless Steel Strainer, ProSeal and Standard Hardware. Marathon BSS Or Equal.	EA	\$214.89	\$459.56	\$0.00	\$674.45
108116	Roof Drain - Retrofit/Replacement, Copper 4" To 6" Pipe. Includes Polyethylene Strainer and Tape Seal. Marathon BSTR Or Equal.	EA	\$214.89	\$246.24	\$0.00	\$461.13
108117	Area/Garage Drain Cast Iron Extra Heavy Duty Drain W/Sediment Bucket.	EA	\$138.90	\$948.38	\$0.00	\$1,087.28
108118	Wall Cleanout- Up To 8" Hubless, Cast-Iron Soil Pipe Tee W/Plug & Wall Cover Plate.	EA	\$306.41	\$965.45	\$0.00	\$1,271.86
108119	Floor Cleanout- Up To 8" Adjustable Housing, Cast-Iron Soil Pipe With Cast-Iron Ferrule Cleanout.	EA	\$306.41	\$772.85	\$0.00	\$1,079.26
22-14-29 Sump Pumps						
<i>Packaged pumps to be factory assembled and tested, single-stage, automatic operation, submersible, direct connected w/control panel.</i>						
108120	1/2 HP Submersible Sump Pump Cast Iron Casing & Cast Bronze Impeller.	EA	\$294.15	\$1,139.76	\$0.00	\$1,433.91

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		Units	Labor	Material	Equipment	Total
108121	1/2 HP Submersible Sump Pump W/Oil Detection Cast Iron Casing & Cast Bronze Impeller. Oil Detector Control, Mechanical Float Switch And Remote Alarm.	EA	\$735.37	\$2,383.14	\$0.00	\$3,118.51
108122	2" Submersible Sump Pump Hook-Up	EA	\$400.37	\$176.63	\$0.00	\$577.00
108123	1 HP Simplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$915.12	\$4,798.72	\$0.00	\$5,713.84
108124	1-1/2 HP Simplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$915.12	\$4,936.95	\$0.00	\$5,852.07
108125	3 HP Simplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,568.78	\$6,023.08	\$0.00	\$7,591.86
108126	1/2 HP Duplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$10,137.16	\$0.00	\$11,902.04
108127	1 HP Duplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$11,708.51	\$0.00	\$13,473.39
108128	1-1/2 HP Duplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$1,764.88	\$14,365.10	\$0.00	\$16,129.98
108129	3 HP Duplex Sump Pump w/Basin & Control Panel Cast Iron Casing & Cast Bronze Impeller	EA	\$2,647.32	\$19,970.88	\$0.00	\$22,618.20
108130	2" Sump Pump Hook-Up	EA	\$511.49	\$345.15	\$0.00	\$856.64
108131	3" Sump Pump Hook-Up	EA	\$1,192.93	\$790.13	\$0.00	\$1,983.06
108132	4" Sump Pump Hook-Up	EA	\$1,756.72	\$1,459.03	\$0.00	\$3,215.75
108133	6" Sump Pump Hook-Up	EA	\$2,581.96	\$2,918.07	\$0.00	\$5,500.03

22-15-00 General Service Compressed-Air Systems

• Plumbing Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.

• Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.

• Plumbing Equipment costs exclude housekeeping pads and dunnage.

• Piping items include hangers and couplings (as required) unless stated otherwise.

• Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

22-15-19 General Service Packaged Air Compressors and Receivers

108134	3 HP Simplex Single Stage Air Compressor- General Service Ingersoll Rand SS3L3 Or Equal.	EA	\$784.39	\$1,279.95	\$0.00	\$2,064.34
108135	5 HP Simplex Single Stage Air Compressor- General Service Ingersoll Rand SS5L5 Or Equal.	EA	\$784.39	\$2,011.35	\$0.00	\$2,795.74
108136	5 HP Simplex 2-Stage Air Compressor- General Service Ingersoll Rand 2340L5 Or Equal.	EA	\$784.39	\$2,413.62	\$0.00	\$3,198.01

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		Units	Labor	Material	Equipment	Total
108137	7-1/2 HP Simplex 2-Stage Air Compressor- General Service Ingersoll Rand 2475N7.5 Or Equal.	EA	\$784.39	\$4,022.70	\$0.00	\$4,807.09
108138	10 HP Simplex 2-Stage Air Compressor- General Service Ingersoll Rand 2545K10 Or Equal.	EA	\$784.39	\$6,058.43	\$0.00	\$6,842.82
108139	15 HP Simplex 2-Stage Air Compressor- General Service Ingersoll Rand 7100E15 Or Equal.	EA	\$1,176.59	\$7,094.58	\$0.00	\$8,271.17
108140	5 HP Duplex 2-Stage Air Compressor- General Service Ingersoll Rand 2475E5 Or Equal.	EA	\$1,176.59	\$8,130.73	\$0.00	\$9,307.32
108141	7-1/2 HP Duplex 2-Stage Air Compressor- General Service Ingersoll Rand 2475E7.5 Or Equal.	EA	\$1,176.59	\$10,337.12	\$0.00	\$11,513.71
108142	10 HP Duplex 2-Stage Air Compressor- General Service Ingersoll Rand 2545E10 Or Equal.	EA	\$1,176.59	\$12,397.23	\$0.00	\$13,573.82

22-30-00 Plumbing Equipment

- Plumbing Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Plumbing Equipment costs exclude housekeeping pads and dunnage.

22-31-00 Domestic Water Softeners

Water softeners to be factory assembled and tested w/piping, valves, sensors and control panel on skid or base.

22-31-16 Commercial Domestic Water Softeners

108143	15 GPM Packaged Duplex Water Softener	EA	\$588.29	\$2,398.99	\$0.00	\$2,987.28
108144	25 GPM Packaged Duplex Water Softener	EA	\$588.29	\$3,484.54	\$0.00	\$4,072.83
108145	35 GPM Packaged Duplex Water Softener	EA	\$735.37	\$6,372.32	\$0.00	\$7,107.69
108146	80 GPM Packaged Duplex Water Softener	EA	\$784.39	\$7,894.18	\$0.00	\$8,678.57
108147	120 GPM Packaged Duplex Water Softener	EA	\$980.49	\$9,118.12	\$0.00	\$10,098.61
108148	160 GPM Packaged Duplex Water Softener	EA	\$1,045.86	\$10,345.65	\$0.00	\$11,391.51
108149	185 GPM Packaged Duplex Water Softener	EA	\$1,307.32	\$16,643.01	\$0.00	\$17,950.33
108150	240 GPM Packaged Duplex Water Softener	EA	\$1,568.78	\$24,964.51	\$0.00	\$26,533.29
108151	1" & Dn Water Softener Hook-Up	EA	\$372.59	\$264.52	\$0.00	\$637.11
108152	1-1/4" To 2" Water Softener Hook-Up	EA	\$495.14	\$649.73	\$0.00	\$1,144.87
108153	2-1/2" Water Softener Hook-Up	EA	\$1,307.32	\$2,050.38	\$0.00	\$3,357.70
108154	3" Water Softener Hook-Up	EA	\$1,462.56	\$2,321.99	\$0.00	\$3,784.55
108155	4" Water Softener Hook-Up	EA	\$2,246.96	\$3,743.55	\$0.00	\$5,990.51

22-32-13 Domestic-Water Filters

108156	Water Filter- Point-Of-Use Aqua Pure Sst1Ha	EA	\$54.74	\$242.58	\$0.00	\$297.32
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		Units	Labor	Material	Equipment	Total
108157	Water Filter- Cartridge Type 32 GPM Sediment, Rust, Chlorine Taste/Odor And Scale. Aqua-Pure Ss4 Epe-316L Or Equal	EA	\$261.46	\$1,729.76	\$0.00	\$1,991.22
108158	Water Filter- Cartridge Type 64 GPM Sediment, Rust, Chlorine Taste/Odor And Scale. Aqua-Pure Ss8 Epe-316L Or Equal	EA	\$326.83	\$1,863.85	\$0.00	\$2,190.68
108159	Water Filter- Cartridge Type 96 GPM Sediment, Rust, Chlorine Taste/Odor And Scale. Aqua-Pure Ss12 Epe-316L Or Equal	EA	\$326.83	\$2,022.32	\$0.00	\$2,349.15
108160	Water Filter- Anti-Scale 10 GPM Watts Onflow Of744-10 Or Equal	EA	\$653.66	\$1,132.45	\$0.00	\$1,786.11
108161	Water Filter- Anti-Scale 20 GPM Watts Onflow Of1054-20 Or Equal	EA	\$653.66	\$1,705.38	\$0.00	\$2,359.04
108162	Water Filter- Anti-Scale 30 GPM Watts Onflow Of1252-30 Or Equal	EA	\$653.66	\$2,550.15	\$0.00	\$3,203.81
108163	Water Filter- Anti-Scale 50 GPM Watts Onflow Of1465-50 Or Equal	EA	\$653.66	\$4,450.57	\$0.00	\$5,104.23
108164	Water Filter- Anti-Scale 75 GPM Watts Onflow Of1665-75 Or Equal	EA	\$653.66	\$6,987.31	\$0.00	\$7,640.97

22-34-00 Domestic Water Heaters

22-33-36 Domestic Water Electric Heaters

108165	0 To 10 KW Tankless Electric Water Heater- Residential Instantaneous Point-Of-Use.	EA	\$310.49	\$277.93	\$0.00	\$588.42
108166	11 To 19 KW Tankless Electric Water Heater- Residential Instantaneous Point-Of-Use.	EA	\$310.49	\$547.33	\$0.00	\$857.82
108167	20 To 36 KW Tankless Electric Water Heater- Residential Instantaneous Point-Of-Use.	EA	\$310.49	\$859.40	\$0.00	\$1,169.89
108168	40 Gal, 4.5 KW Electric Water Heater- Residential	EA	\$392.20	\$425.43	\$0.00	\$817.63
108169	50 Gal, 5.5 KW Electric Water Heater- Residential	EA	\$392.20	\$685.50	\$0.00	\$1,077.70
108170	0 To 12 KW Tankless Electric Water Heater Instantaneous Point-Of-Use.	EA	\$310.49	\$644.85	\$0.00	\$955.34
108171	15 To 20 KW Tankless Electric Water Heater Instantaneous Point-Of-Use.	EA	\$310.49	\$1,056.99	\$0.00	\$1,367.48
108172	24 To 32 KW Tankless Electric Water Heater Instantaneous Point-Of-Use.	EA	\$310.49	\$1,833.62	\$0.00	\$2,144.11

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		Units	Labor	Material	Equipment	Total
108173	52 KW Tankless Electric Water Heater Instantaneous Point-Of-Use.	EA	\$418.35	\$5,541.67	\$0.00	\$5,960.02
108174	96 KW Tankless Electric Water Heater Instantaneous Point-Of-Use.	EA	\$418.35	\$8,066.61	\$0.00	\$8,484.96
108175	Point-Of-Use Electric Water Heater Hook-Up	EA	\$224.70	\$202.41	\$0.00	\$427.11
108176	25 MBH, 9 KW, 30 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$392.20	\$5,119.80	\$0.00	\$5,512.00
108177	50 MBH, 15 KW, 40 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$392.20	\$5,668.35	\$0.00	\$6,060.55
108178	75 MBH, 24 KW, 50 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$522.93	\$8,216.06	\$0.00	\$8,738.99
108179	100 MBH, 30 KW, 65 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$522.93	\$9,605.72	\$0.00	\$10,128.65
108180	150 MBH, 45 KW, 80 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$522.93	\$12,129.05	\$0.00	\$12,651.98
108181	200 MBH, 60 KW, 100 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$522.93	\$15,383.78	\$0.00	\$15,906.71
108182	250 MBH, 75 KW, 120 Gallon Electric Water Heater AO Smith Dura-Power DSE or Equal	EA	\$653.66	\$18,382.52	\$0.00	\$19,036.18
108183	1" & Dn Electric Water Heater Hook-Up	EA	\$261.46	\$727.62	\$0.00	\$989.08
108184	1-1/4" To 2" Electric Water Heater Hook-Up	EA	\$634.87	\$1,219.93	\$0.00	\$1,854.80
108185	2-1/2" Electric Water Heater Hook-Up	EA	\$1,340.00	\$2,817.60	\$0.00	\$4,157.60
22-34-36 Domestic Water Gas Heaters						
108186	150 MBH Tankless Gas Fired Water Heater- Residential Instantaneous Point-Of-Use.	EA	\$392.20	\$1,006.75	\$0.00	\$1,398.95
108187	180 MBH Tankless Gas Fired Water Heater- Residential Instantaneous Point-Of-Use.	EA	\$392.20	\$1,198.81	\$0.00	\$1,591.01
108188	200 MBH Tankless Gas Fired Water Heater- Residential Instantaneous Point-Of-Use.	EA	\$392.20	\$1,635.76	\$0.00	\$2,027.96
108189	150 MBH Tankless Gas Fired Water Heater Instantaneous Point-Of-Use.	EA	\$392.20	\$1,864.63	\$0.00	\$2,256.83
108190	180 MBH Tankless Gas Fired Water Heater Instantaneous Point-Of-Use.	EA	\$392.20	\$2,187.95	\$0.00	\$2,580.15

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		Units	Labor	Material	Equipment	Total
108191	200 MBH Tankless Gas Fired Water Heater Instantaneous Point-Of-Use.	EA	\$392.20	\$2,511.26	\$0.00	\$2,903.46
108192	Point-Of-Use Gas Fired Water Heater Hook-Up	EA	\$224.70	\$202.41	\$0.00	\$427.11
108193	75 MBH, 50 Gallon Gas Fired Water Heater	EA	\$392.20	\$5,839.01	\$0.00	\$6,231.21
108194	AO Smith Cyclone Mxi or Equal 100 MBH, 75 Gallon Gas Fired Water Heater	EA	\$784.39	\$8,959.65	\$0.00	\$9,744.04
108195	AO Smith Cyclone Mxi or Equal 150 MBH, 100 Gallon Gas Fired Water Heater	EA	\$784.39	\$12,086.38	\$0.00	\$12,870.77
108196	AO Smith Cyclone Mxi or Equal 200 MBH, 100 Gallon Gas Fired Water Heater	EA	\$980.49	\$14,457.34	\$0.00	\$15,437.83
108197	AO Smith Cyclone Mxi or Equal 250 MBH, 100 Gallon Gas Fired Water Heater	EA	\$980.49	\$16,712.49	\$0.00	\$17,692.98
108198	AO Smith Cyclone Mxi or Equal 500 MBH, 130 Gallon Gas Fired Water Heater	EA	\$1,225.61	\$21,704.30	\$0.00	\$22,929.91
108199	AO Smith Cyclone Mxi or Equal 38 MBH, 40 Gallon Gas Fired Water Heater- Residential 9 Year Warranty	EA	\$392.20	\$663.14	\$0.00	\$1,055.34
108200	40 MBH, 50 Gallon Gas Fired Water Heater- Residential 9 Year Warranty	EA	\$392.20	\$742.37	\$0.00	\$1,134.57
108201	500 MBH Gas Fired Semi-Instantaneous Water Heater	EA	\$1,568.78	\$14,696.26	\$0.00	\$16,265.04
108202	1,000 MBH Gas Fired Semi-Instantaneous Water Heater	EA	\$1,960.98	\$23,221.95	\$0.00	\$25,182.93
108203	2,000 MBH Gas Fired Semi-Instantaneous Water Heater	EA	\$2,353.18	\$40,251.38	\$0.00	\$42,604.56
108204	4,000 MBH Gas Fired Semi-Instantaneous Water Heater	EA	\$2,941.47	\$77,406.50	\$0.00	\$80,347.97
108205	6,000 MBH Gas Fired Semi-Instantaneous Water Heater	EA	\$3,137.57	\$101,177.00	\$0.00	\$104,314.57
108206	150 MBH Indirect Gas Fired Condensing Water Heater	EA	\$588.29	\$7,535.16	\$0.00	\$8,123.45
108207	200 MBH Indirect Gas Fired Condensing Water Heater	EA	\$784.39	\$8,713.06	\$0.00	\$9,497.45
108208	285 MBH Indirect Gas Fired Condensing Water Heater	EA	\$980.49	\$11,463.99	\$0.00	\$12,444.48
108209	400 MBH Indirect Gas Fired Condensing Water Heater	EA	\$1,078.54	\$16,068.07	\$0.00	\$17,146.61
108210	500 MBH Indirect Gas Fired Condensing Water Heater	EA	\$1,176.59	\$18,979.48	\$0.00	\$20,156.07
108211	600 MBH Indirect Gas Fired Condensing Water Heater	EA	\$1,470.74	\$22,505.58	\$0.00	\$23,976.32
108212	700 MBH Indirect Gas Fired Condensing Water Heater	EA	\$1,470.74	\$27,742.50	\$0.00	\$29,213.24
108213	800 MBH Indirect Gas Fired Condensing Water Heater	EA	\$1,470.74	\$32,278.44	\$0.00	\$33,749.18

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		Units	Labor	Material	Equipment	Total
108214	1,000 MBH Indirect Gas Fired Condensing Water Heater	EA	\$2,353.18	\$38,761.37	\$0.00	\$41,114.55
108215	1,500 MBH Indirect Gas Fired Condensing Water Heater	EA	\$2,353.18	\$51,145.88	\$0.00	\$53,499.06
108216	1" & Dn Gas Fired Water Heater Hook-Up	EA	\$261.46	\$727.62	\$0.00	\$989.08
108217	1-1/4" To 2" Gas Fired Water Heater Hook-Up	EA	\$634.87	\$1,219.93	\$0.00	\$1,854.80
108218	2-1/2" Gas Fired Water Heater Hook-Up	EA	\$1,340.00	\$2,817.60	\$0.00	\$4,157.60
108219	3" Gas Fired Water Heater Hook-Up	EA	\$1,503.42	\$4,164.47	\$0.00	\$5,667.89
108220	4" Gas Fired Water Heater Hook-Up	EA	\$2,181.58	\$6,153.82	\$0.00	\$8,335.40
108221	2" Single Wall Exhaust Flue - Stainless Steel	LF	\$11.19	\$4.60	\$0.00	\$15.79
108222	4" Single Wall Exhaust Flue - Stainless Steel	LF	\$22.31	\$9.19	\$0.00	\$31.50
108223	8" Single Wall Exhaust Flue - Stainless Steel	LF	\$44.61	\$18.39	\$0.00	\$63.00
108224	12" Single Wall Exhaust Flue - Stainless Steel	LF	\$66.92	\$27.57	\$0.00	\$94.49
108225	2" Double Wall Exhaust Flue/B-Vent - Stainless Steel Interior & Exterior	LF	\$25.16	\$47.14	\$0.00	\$72.30
108226	4" Double Wall Exhaust Flue/B-Vent - Stainless Steel Interior & Exterior	LF	\$35.87	\$94.29	\$0.00	\$130.16
108227	8" Double Wall Exhaust Flue/B-Vent - Stainless Steel Interior & Exterior	LF	\$50.34	\$153.76	\$0.00	\$204.10
108228	12" Double Wall Exhaust Flue/B-Vent - Stainless Steel Interior & Exterior	LF	\$59.48	\$195.83	\$0.00	\$255.31
22-35-23 Domestic Water Heat Exchangers						
108229	80 MBH, 80 Gallon Hot Water Tank W/Steam Tube Bundle	EA	\$1,568.78	\$11,184.32	\$0.00	\$12,753.10
108230	125 MBH, 125 Gallon Hot Water Tank W/Steam Tube Bundle	EA	\$1,960.98	\$14,618.86	\$0.00	\$16,579.84
108231	250 MBH, 250 Gallon Hot Water Tank W/Steam Tube Bundle	EA	\$1,960.98	\$22,490.55	\$0.00	\$24,451.53
108232	500 MBH, 500 Gallon Hot Water Tank W/Steam Tube Bundle	EA	\$2,451.22	\$29,237.72	\$0.00	\$31,688.94
108233	750 MBH, 750 Gallon Hot Water Tank W/Steam Tube Bundle	EA	\$2,941.47	\$33,383.47	\$0.00	\$36,324.94
108234	1,000 MBH, 1,000 Gallon Hot Water Tank W/Steam Tube Bundle	EA	\$3,186.59	\$54,277.19	\$0.00	\$57,463.78
108235	10 GPM Steam Fired Semi-Instantaneous Water Heater Packaged Assembly Of Tank, Heat-Exchanger Coils, Controls, And Specialties.	EA	\$784.39	\$37,740.24	\$0.00	\$38,524.63

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		Units	Labor	Material	Equipment	Total
108236	20 GPM Steam Fired Semi-Instantaneous Water Heater Packaged Assembly Of Tank, Heat-Exchanger Coils, Controls, And Specialties.	EA	\$980.49	\$38,453.36	\$0.00	\$39,433.85
108237	40 GPM Steam Fired Semi-Instantaneous Water Heater Packaged Assembly Of Tank, Heat-Exchanger Coils, Controls, And Specialties.	EA	\$1,568.78	\$51,685.60	\$0.00	\$53,254.38
108238	80 GPM Steam Fired Semi-Instantaneous Water Heater Packaged Assembly Of Tank, Heat-Exchanger Coils, Controls, And Specialties.	EA	\$1,960.98	\$66,313.60	\$0.00	\$68,274.58
108239	120 GPM Steam Fired Semi-Instantaneous Water Heater Packaged Assembly Of Tank, Heat-Exchanger Coils, Controls, And Specialties.	EA	\$2,353.18	\$87,768.00	\$0.00	\$90,121.18
108240	1-1/4" To 2" Steam Water Heater Hook-Up	EA	\$1,911.96	\$1,836.08	\$0.00	\$3,748.04
108241	2-1/2" Steam Water Heater Hook-Up	EA	\$2,443.05	\$3,404.34	\$0.00	\$5,847.39
108242	3" Steam Water Heater Hook-Up	EA	\$2,622.80	\$3,865.68	\$0.00	\$6,488.48
108243	4" Steam Water Heater Hook-Up	EA	\$3,251.96	\$5,337.95	\$0.00	\$8,589.91

22-40-00 Plumbing Fixtures

• Plumbing Fixture Rough-Ins (connections) include all required pipe, fittings, valves, and specialties within 5 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.

22-41-00 Residential Plumbing Fixtures

22-41-13 Residential Water Closets, Urinals, and Bidets

108244	Water Closet- Floor Mount, Tank Type, Vitreous China, Residential Standard Includes Seat. Kohler Wellworth Or Equal.	EA	\$228.78	\$145.06	\$0.00	\$373.84
108245	Water Closet- Floor Mount, Tank Type, Vitreous China, Residential Premium Includes Seat. Kohler Cimarron Or Equal.	EA	\$228.78	\$291.34	\$0.00	\$520.12
108246	Water Closet Rough-In	EA	\$302.31	\$270.39	\$0.00	\$572.70

22-41-16 Residential Lavatories and Sinks

108247	Sink- Single Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim, Residential Standard Elkay Signature Sink And Delta Foundations Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$219.42	\$0.00	\$423.69
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		Units	Labor	Material	Equipment	Total
108248	Sink- Single Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim, Residential Premium Elkay Avenue Sink And Delta Leland Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$509.54	\$0.00	\$713.81
108249	Sink- Double Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim, Residential Standard Elkay Signature Sink And Delta Foundations Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$245.12	\$298.66	\$0.00	\$543.78
108250	Sink- Double Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim, Residential Premium Elkay Avenue Sink And Delta Leland Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$245.12	\$674.11	\$0.00	\$919.23
108251	Lavatory- Drop-In Or Undermount, Vitreous China, W/Faucet & Trim, Residential Standard Kohler Pennington Sink And Delta Foundations Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$156.03	\$0.00	\$360.30
108252	Lavatory- Drop-In Or Undermount, Vitreous China, W/Faucet & Trim, Residential Premium Kohler Claxton Sink And Delta Porter Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$381.55	\$0.00	\$585.82
108253	Sink or Lavatory Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-41-19	Residential Bathtubs					

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108254	Bath Tub- Acrylic W/Mixing Valve, Showerhead & Tub Spout- Residential Delta Classic Tub And Delta Classic Faucet Or Equal. Includes Pop-Up Drain And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$490.24	\$713.12	\$0.00	\$1,203.36
108255	Bath Tub- Acrylic W/Enclosure, Basin, Mixing Valve, Showerhead & Tub Spout- Residential Delta Classic Tub W/Surround And Delta Classic Faucet. Includes Pop-Up Drain And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$980.49	\$1,064.19	\$0.00	\$2,044.68
108256	Bath Tub Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-41-23 Residential Showers						
108257	Shower- Mixing Valve, Showerhead & Drain- Residential Delta Classic Or Equal. Includes Drain. Excludes Basin, Door And Enclosure.	EA	\$343.17	\$430.31	\$0.00	\$773.48
108258	Shower- Basin W/Mixing Valve, Showerhead & Drain- Residential Delta Classic Basin And Delta Classic Faucet Or Equal. Excludes Door And Enclosure.	EA	\$473.90	\$789.91	\$0.00	\$1,263.81
108259	Shower- Enclosure, Basin W/ Mixing Valve, Showerhead & Drain- Residential Delta Classic Basin W/Surround And Delta Classic Faucet Or Equal. Excludes Door.	EA	\$866.10	\$1,032.49	\$0.00	\$1,898.59
108260	Shower Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-42-00 Commercial Plumbing Fixtures						
22-42-13 Commercial Water Closets, Urinals, and Bidets						
108261	Urinal- Wall Mount, Vitreous China, W/Flush Valve & Carrier Standard Kohler K4991 Urinal W/Sloan Royal 186 Or Equal.	EA	\$351.34	\$769.19	\$0.00	\$1,120.53
108262	Urinal- Wall Mount, Vitreous China, W/Flush Valve & Carrier Premium Kohler K4989 Urinal W/Sloan Royal 186 Or Equal.	EA	\$351.34	\$936.19	\$0.00	\$1,287.53
108263	Urinal- Wall Mount, Vitreous China, W/Carrier- Waterless Sloan Wes-1000 Or Equal.	EA	\$326.83	\$717.99	\$0.00	\$1,044.82
108264	Urinal- Wall Mount, Stainless Steel, W/Flush Valve & Carrier, Penal Metcraft 7120 & Sloan 995 or Equal. Includes Washdown Back, Flush Valve Connector and Metal Template.	EA	\$522.93	\$2,295.38	\$0.00	\$2,818.31
108265	Urinal Rough-In	EA	\$302.31	\$270.39	\$0.00	\$572.70

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		Units	Labor	Material	Equipment	Total
108266	Water Closet- Floor Mount, Tank Type, Vitreous China Kohler K-3505, K-3493 Water Closet Or Equal. Includes Seat.	EA	\$261.46	\$547.33	\$0.00	\$808.79
108267	Water Closet- Floor Mount, Siphon Jet, Vitreous China, W/Flush Valve Kohler K-4405, K-4368 Water Closet W/Sloan Royal 115 Flush Valve Or Equal. Includes Seat.	EA	\$277.81	\$420.56	\$0.00	\$698.37
108268	Water Closet- Floor Mount, Siphon Jet, Stainless Steel, W/Flush Valve, Penal Type Acorn 1685 Water Closet W/Sloan Royal 9603 Flush Valve Or Equal.	EA	\$588.29	\$1,735.86	\$0.00	\$2,324.15
108269	Water Closet- Floor Mount, Siphon Jet, Stainless Steel, W/Flush Valve, Bariatric Acorn 2125A Water Closet W/Sloan Royal 115 Flush Valve.	EA	\$588.29	\$4,071.46	\$0.00	\$4,659.75
108270	Water Closet- Wall Mount, Siphon Jet, Vitreous China, W/Flush Valve & Carrier Kohler K-4330, K-4325 Water Closet W/Sloan Royal 115 Flush Valve Or Equal. Includes Carrier And Seat.	EA	\$343.17	\$906.94	\$0.00	\$1,250.11
108271	Water Closet- Wall Mount, Siphon Jet, Vitreous China, W/Flush Valve, Carrier & Bedpan Washer Kohler K-4330L Water Closet W/Sloan Royal Bpw-1000 Flush Valve. Includes Carrier And Seat.	EA	\$482.07	\$1,273.86	\$0.00	\$1,755.93
108272	Water Closet Rough-In	EA	\$302.31	\$270.39	\$0.00	\$572.70
108273	[Modifier] Urinal - Sensor Flush Valve Additional Cost From Sloan Royal 186 Manual To Sloan 186-1.0 Es-S Ac, Sloan 8186 Dc Or Equal.	EA	\$24.51	\$254.77	\$0.00	\$279.28
108274	[Modifier] Urinal - Sensor Flush Valve Concealed/Security Additional Cost From Sloan Royal 186 Manual To Sloan Royal 195 Wb Es-S Or Equal.	EA	\$65.37	\$472.97	\$0.00	\$538.34
108275	[Modifier] Water Closet - Sensor Flush Valve Additional Cost From Sloan Royal 115-1.6 Manual To Sloan Royal 115-1.6 Es-S Ac, Sloan Optima 8111, 8115 Dc Or Equal.	EA	\$24.51	\$418.12	\$0.00	\$442.63
108276	[Modifier] Water Closet - Sensor Flush Valve Concealed/Security Additional Cost From Sloan Royal 115-1.6 Manual To Sloan Royal 140-Wb Es-S Or Equal.	EA	\$65.37	\$765.53	\$0.00	\$830.90

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108277	[Modifier] Water Closet - Sensor Flush Valve Premium Additional Cost From Sloan Royal 115-1.6 Manual To Sloan Royal Optimal Smooth 111-1.28-Hws Or Equal.	EA	\$24.51	\$888.65	\$0.00	\$913.16
22-42-16 Commercial Lavatories and Sinks						
108278	Sink- Single Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim- Standard Elkay Lr1919, Eluh2115 Sink W/Chicago Faucet 786-E3, 895-317 Combination Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$1,011.77	\$0.00	\$1,216.04
108279	Sink- Single Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim- Premium Elkay Llv1916, Eluh2115 Sink W/Chicago Faucet 786-E3, 895-317 Combination Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$1,199.50	\$0.00	\$1,403.77
108280	Sink- Double Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim- Standard Elkay Lr3322, Eluh3118 Sink W/Chicago Faucet 786-E3, 895-317 Combination Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$245.12	\$1,451.83	\$0.00	\$1,696.95
108281	Sink- Double Bowl, Drop-In Or Undermount, Stainless Steel, W/Faucet & Trim- Premium Elkay Lrad3722 Sink W/Chicago Faucet 786-E3, 895-317 Combination Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$245.12	\$1,827.28	\$0.00	\$2,072.40

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108282	Sink- Classroom, Double Bowl, Stainless Steel, W/Faucet, Trim & Bubbler Elkay Drkad371755Rc Stainless Steel Sink W/Faucet & Bubbler Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$285.97	\$3,214.50	\$0.00	\$3,500.47
108283	Sink- Wall Hung, Stainless Steel, W/Faucet, Trim & Carrier Elkay Elv22191 Sink W/Chicago Faucet 786-E3, 895-317 Combination Faucet Or Equal. Includes Carrier Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$285.97	\$2,257.59	\$0.00	\$2,543.56
108284	Kitchen Sink- Install Only Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$245.12	\$0.00	\$0.00	\$245.12
108285	Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108286	[Modifier] Floor Pedals- Sink Chicago Faucets 834-Epsloab Or Equal.	EA	\$106.21	\$622.91	\$0.00	\$729.12
108287	[Modifier] Sensor Faucet- Sink Additional Cost From Chicago Faucet 786-E3 Or 895-317 Manual To Sloan Eaf-100, Eaf-150 Dc, Chicago 116.101 Ac Or Equal.	EA	\$24.51	\$404.71	\$0.00	\$429.22
108288	[Modifier] Sensor Faucet Concealed/Security- Sink Additional Cost From Chicago Faucet 786-E3 Or 895-317 Manual To Chicago Faucet Bsp Sf390 Or Equal.	EA	\$65.37	\$778.03	\$0.00	\$843.40
108289	Lavatory- Drop-In Or Undermount, Vitreous China, W/Faucet & Trim- Standard Kohler K2196, K2210 Lavatory W/Chicago Faucet 2200 Combination Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$204.27	\$805.76	\$0.00	\$1,010.03

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		Units	Labor	Material	Equipment	Total
108290	Lavatory- Drop-In Or Undermount, Vitreous China, W/Faucet & Trim- Premium Kohler K2895, K2215 Lavatory W/Chicago Faucet 2200 Combination Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$204.27	\$966.67	\$0.00	\$1,170.94
108291	Lavatory- Wall Hung, Vitreous China, W/Faucet, Carrier & Trim- Standard Kohler K2005, K2006, K2007 Lavatory W/Chicago Faucet 2200 Combination Faucet Or Equal. Includes Carrier, Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$285.97	\$1,012.99	\$0.00	\$1,298.96
108292	Lavatory- Wall Hung, Vitreous China, W/Faucet, Carrier & Trim- Premium Kohler K2053, K2054, K2084 Lavatory W/Chicago Faucet 2200 Combination Faucet Or Equal. Includes Carrier, Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$285.97	\$1,166.58	\$0.00	\$1,452.55
108293	Lavatory- Wall Hung, Vitreous China, W/Faucet, Carrier & Trim- Wheelchair Kohler K12634 Lavatory W/Chicago Faucet 2200 Combination Faucet Or Equal. Includes Carrier, Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$285.97	\$1,503.03	\$0.00	\$1,789.00

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		Units	Labor	Material	Equipment	Total
108294	Lavatory- Wall Hung, Solid Surface, W/Faucet, Carrier & Trim- Behavioral Health Bestcare/Whitehall Wh3775 W/Automatic Faucet. Includes Carrier, Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$367.68	\$2,500.17	\$0.00	\$2,867.85
108295	Lavatory Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108296	[Modifier] Lavatory - Foot Pedals Chicago Faucets 834-Epsloab Or Equal.	EA	\$106.21	\$622.91	\$0.00	\$729.12
108297	[Modifier] Lavatory - Sensor Faucet Additional Cost From Chicago Faucet 2200 Manual To Sloan Eaf-100, Eaf-150 Dc, Chicago 116.101 Ac Or Equal.	EA	\$24.51	\$326.69	\$0.00	\$351.20
108298	[Modifier] Lavatory - Sensor Faucet Concealed/Security Additional Cost From Chicago Faucet 2200 Manual To Bsp Sf390 Or Equal.	EA	\$65.37	\$676.54	\$0.00	\$741.91
108299	[Modifier] Lavatory - Metered Faucet Additional Cost From Chicago Faucet 2200 Manual	EA	\$16.34	\$64.61	\$0.00	\$80.95
22-42-19 Commercial Bathtubs						
108300	Bath Tub- Cast Iron W/Mixing Valve, Showerhead & Tub Spout Kohler K-715, K-716 Tub W/Symmons C-96-2-X Pressure Balancing Mixing Valve & Institutional Shower Head Or Equal. Includes Pop-Up Drain And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$490.24	\$919.13	\$0.00	\$1,409.37
108301	Bath Tub- Cast Iron W/Mixing Valve, Showerhead & Tub Spout- ADA Kohler K-715, K-716 Tub W/Symmons C-96-400 Pressure Balancing Mixing Valve & Institutional Shower Head Or Equal. Includes Wall/Hand Showerhead W/Glide Bar, Pop-Up Drain And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$490.24	\$1,177.55	\$0.00	\$1,667.79

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		Units	Labor	Material	Equipment	Total
108302	Bath Tub- Acrylic W/Enclosure, Basin, Mixing Valve, Showerhead & Tub Spout Best Bath Cts6030Cp One-Piece Gelcoat/Fiberglass Tub & Enclosure W/Symmons C-96-1-295-X-A Pressure Balancing Mixing Valve, Institutional Showerhead Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$980.49	\$2,114.96	\$0.00	\$3,095.45
108303	Bath Tub- Acrylic W/Enclosure, Basin, Mixing Valve, Showerhead & Tub Spout- ADA Best Bath Cts6030Cp One-Piece Gelcoat/Fiberglass Tub & Enclosure W/Symmons C-96-400 Pressure Balancing Mixing Valve, Institutional Showerhead Or Equal. Includes Ada Accessories, Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$980.49	\$3,098.70	\$0.00	\$4,079.19
108304	Bath Tub Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-42-23	Commercial Showers					
108305	Shower- Mixing Valve, Showerhead & Drain Symmons C-96-1-295-X-A Pressure Balancing Mixing Valve, Institutional Shower Head Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head, And Cast P-Trap W/Cleanout. Excludes Basin, Door And Enclosure.	EA	\$343.17	\$555.86	\$0.00	\$899.03
108306	Shower- Mixing Valve, Showerhead & Drain, ADA Symmons C-96-300-B30-V-X Pressure Balancing Mixing Valve, Institutional Shower Head Or Equal. Includes Hand/Wall Showerhead & Glide Bar, Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head, And Cast P-Trap W/Cleanout. Excludes Basin, Door And Enclosure.	EA	\$408.54	\$708.24	\$0.00	\$1,116.78

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		Units	Labor	Material	Equipment	Total
108307	Shower- Mixing Valve, Showerhead & Drain, Ligature Resistant Bradley HSC95, Acorn LR1741 Pressure Balancing Mixing Valve, Institutional Shower Head Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head, And Cast P-Trap W/Cleanout. Excludes Basin, Door And Enclosure.	EA	\$392.20	\$1,342.12	\$0.00	\$1,734.32
108308	Shower- Mixing Valve, Showerhead & Drain, Ligature Resistant, ADA Acorn LR1741ADA, Bradley HSC91 Pressure Balancing Mixing Valve, Institutional Shower Head Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head, And Cast P-Trap W/Cleanout. Excludes Basin, Door And Enclosure.	EA	\$473.90	\$2,007.69	\$0.00	\$2,481.59
108309	Shower- Mixing Valve, Showerhead & Drain, Electronic, Penal Armstrong Sense Model DMV 2 Temperature & Duration Electronic Mixing Valve W/Speakman S2460-AF Showerhead Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head, And Cast P-Trap W/Cleanout. Excludes Basin, Door And Enclosure.	EA	\$645.48	\$1,974.78	\$0.00	\$2,620.26
108310	Shower- Basin W/Mixing Valve, Showerhead & Drain Swanstone STS-3738 Solid Surface Basin W/Symmons C-96-1-295-X-A Pressure Balancing Mixing Valve, Institutional Showerhead Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head And Cast P-Trap W/Cleanout. Excludes Door And Enclosure.	EA	\$473.90	\$1,026.40	\$0.00	\$1,500.30

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		Units	Labor	Material	Equipment	Total
108311	Shower- Basin W/Mixing Valve, Showerhead & Drain, ADA Swanstone SBF-3060 Solid Surface Basin W/Symmons C-96-300-B30-V-X Pressure Balancing Mixing Valve, Institutional Showerhead Or Equal. Includes Hand/Wall Showerhead & Glide Bar, Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head And Cast P-Trap W/Cleanout. Excludes Door And Enclosure.	EA	\$571.95	\$1,498.15	\$0.00	\$2,070.10
108312	Shower- Enclosure, Basin W/ Mixing Valve, Showerhead & Drain Best Bath LSS4038A5 One-Piece Gelcoat/Fiberglass Basin & Enclosure W/Symmons C-96-1-295-X-A Pressure Balancing Mixing Valve, Institutional Showerhead Or Equal. Includes Cast Iron Body Drain W/Nickel Bronze Adjustable Strainer Head And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$866.10	\$2,608.66	\$0.00	\$3,474.76
108313	Shower- Enclosure, Basin W/ Mixing Valve, Showerhead, Drain & Accessories, ADA Best Bath LSS6337A75 One-Piece Gelcoat/Fiberglass Basin & Enclosure W/Symons C-96-300-B30-V-X Pressure Balancing Mixing Valve, Institutional Showerhead Or Equal. Includes Hand/Wall Showerhead & Glide Bar, Safety Bar, Seat, Drain, And Cast P-Trap W/Cleanout. Excludes Door.	EA	\$898.78	\$4,498.11	\$0.00	\$5,396.89
108314	Shower- Stainless Steel Cabinet, Basin w/ Mixing Valve, Showerhead & Drain, Penal Metcraft 8160 or 8660 or equal. 36" x 36" x 88". Includes Trim. Excludes Door.	EA	\$980.49	\$9,071.46	\$0.00	\$10,051.95
108315	Shower Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-42-33	Wash Fountains					
108316	Lavatory System- Solid Surface, W/Sensor Faucet, 1 Station Bradley FI-1, Terreon Solid Surface, Integral Bowl, Infrared Sensor Faucet Or Equal.	EA	\$359.51	\$2,640.90	\$0.00	\$3,000.41
108317	Lavatory System- Solid Surface, W/Sensor Faucet, 2 Station Bradley Mg-2, Terreon Solid Surface, Integral Bowl, Infrared Sensor Faucet Or Equal.	EA	\$719.03	\$5,890.01	\$0.00	\$6,609.04

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		Units	Labor	Material	Equipment	Total
108318	Lavatory System- Solid Surface, W/Sensor Faucet, 3 Station Bradley Mg-3, Terreon Solid Surface, Integral Bowl, Infrared Sensor Faucet Or Equal.	EA	\$1,078.54	\$8,034.75	\$0.00	\$9,113.29
108319	Lavatory System- Solid Surface, W/Sensor Faucet, Soap & Hand Dryer, 3 Station Bradley Av90, Terreon Solid Surface, Integral Bowl, Infrared Sensor Faucet Or Equal.	EA	\$1,078.54	\$15,701.37	\$0.00	\$16,779.91
108320	Wash Fountain- 36" Semi-Circular, Solid Surface, W/Sensor Faucet, 3 Station Bradley Tdb3103, Terreon Solid Surface, 36" Semi-Circular, Sensor Faucet, 3 Station Or Equal.	EA	\$719.03	\$6,990.96	\$0.00	\$7,709.99
108321	Wash Fountain- 54" Semi-Circular, Solid Surface, W/Sensor Faucet, 4 Station Bradley Tdb3104, Terreon Solid Surface, 54" Semi-Circular, Sensor Faucet, 3 Station Or Equal.	EA	\$719.03	\$8,774.36	\$0.00	\$9,493.39
108322	Lavatory System Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108323	Wash Fountain- 36" Circular, Solid Surface, W/Sensor Faucet, 5 Station Bradley Tdb3104, Terreon Solid Surface, 36" Circular, Sensor Faucet, 5 Station Or Equal.	EA	\$784.39	\$9,781.26	\$0.00	\$10,565.65
108324	Wash Fountain- 54" Circular, Solid Surface, W/Sensor Faucet, 8 Station Bradley Tdb3108, Terreon Solid Surface, 54" Circular, Sensor Faucet, 8 Station Or Equal.	EA	\$784.39	\$12,277.77	\$0.00	\$13,062.16
108325	Wash Fountain Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-42-36	Commercial Laundry, Mop and Utility Sinks					
108326	Utility/Scullery Sink- Free Standing, Single Basin, Stainless Steel, W/Faucet & Trim Elkay Ss81362 Sink W/Elkay Lk940Bp07T6S Wall Mount Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$367.68	\$3,275.45	\$0.00	\$3,643.13

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		Units	Labor	Material	Equipment	Total
108327	Utility/Scullery Sink- Free Standing, Double Basin, Stainless Steel, W/Faucet & Trim Elkay Ss8260 Sink W/Elkay Lk940Bp07T6S Wall Mount Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$490.24	\$4,960.11	\$0.00	\$5,450.35
108328	Laundry Sink- Molded Stone, Single Compartment, W/Faucet & Trim Fiat Serv-A-Sink Model L7 Wall Hung Tub W/A-3 Assembly Kit Or Equal. Includes Chromium Plated Brass Strainer, Stopper And Faucet W/Swing Spout & Supply Stops.	EA	\$204.27	\$342.54	\$0.00	\$546.81
108329	Laundry Sink- Molded Stone, Double Compartment, W/Faucet & Trim Fiat Serv-A-Sink Model Ltd li Wall Hung Double Tub W/A-3 Assembly Kit Or Equal. Includes Chromium Plated Brass Strainer, Stopper And Faucet W/Swing Spout & Supply Stops.	EA	\$245.12	\$464.44	\$0.00	\$709.56
108330	Laundry Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108331	Mop Sink- Molded Stone, W/Faucet Fiat Msb-3624 Molded Stone Receptor W/Chicago Faucet 911-Is Wall Mounted Service Sink Faucet Or Equal. Includes P-Trap.	EA	\$245.12	\$999.58	\$0.00	\$1,244.70
108332	Mop Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108333	Utility/Scullery Sink- Free Standing, Triple Basin, Stainless Steel, W/Faucets & Trim Elkay Ss83724 Sink W/(2) Elkay Lk940Bp07T6S Wall Mount Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$735.37	\$7,038.51	\$0.00	\$7,773.88
108334	Utility/Scullery Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108335	-Add- Utility/Scullery Sink Single Drain Board Elkay Ss8136R2, Ss8160R2 Or Equal.	EA	\$40.85	\$1,076.38	\$0.00	\$1,117.23
108336	-Add- Utility/Scullery Sink Double Drain Board Elkay Ss8136Lr2, Ss8160Lr2 Or Equal.	EA	\$81.71	\$2,074.74	\$0.00	\$2,156.45

22-42-39 Commercial Faucets

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		Units	Labor	Material	Equipment	Total
108337	Faucet- Deck W/Trim Chicago Faucet 2200 Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$102.13	\$568.05	\$0.00	\$670.18
108338	Faucet- Deck W/Trim & Sensor Chicago Faucet 116.101 Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And Ada Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$122.56	\$930.10	\$0.00	\$1,052.66
108339	Faucet- Deck W/Trim & Sensor, Anti-Ligature Behavioral Saftey SF400 Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug And ADA Insulator Kit For Water Supply And Drainage Assemblies.	EA	\$122.56	\$1,431.11	\$0.00	\$1,553.67
108340	Faucet Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108341	Washing Machine Box Guy Gray T200 Or Equal.	EA	\$81.71	\$170.66	\$0.00	\$252.37
108342	Vacuum Breaker Spout	EA	\$26.97	\$96.73	\$0.00	\$123.70
108343	Water Outlet Box Water Tite Model 87978 Or Ab9700Ha	EA	\$61.28	\$64.61	\$0.00	\$125.89
108344	Washing Machine Box Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108345	Trap Wrap	EA	\$40.85	\$38.70	\$0.00	\$79.55
22-42-43 Flushometers						
108346	Flush Valve- Urinal Sloan Royal 186 Or Equal.	EA	\$81.71	\$274.28	\$0.00	\$355.99
108347	Flush Valve- Urinal W/Sensor Sloan Royal 186-1.0 Es-S Or Equal.	EA	\$81.71	\$552.21	\$0.00	\$633.92
108348	Flush Valve- Water Closet Sloan Royal 115 Or Equal.	EA	\$81.71	\$179.19	\$0.00	\$260.90
108349	Flush Valve- Water Closet W/Sensor Sloan Royal 115 Es-S Or Equal.	EA	\$81.71	\$658.26	\$0.00	\$739.97
108350	Flush Valve- Water Closet, Ant-Ligature Behavioral Saftey FV600 Or Equal.	EA	\$102.13	\$872.80	\$0.00	\$974.93
108351	Flush Valve Rough-In	EA	\$302.31	\$270.39	\$0.00	\$572.70
22-42-45 Equipment Connections						
108352	Equipment Rough-In- Natural Gas	EA	\$100.50	\$15.05	\$0.00	\$115.55
108353	Equipment Rough-In- CW or HW Excludes Waste.	EA	\$209.99	\$79.38	\$0.00	\$289.37

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		Units	Labor	Material	Equipment	Total
108354	Equipment Rough-In- CW & HW Excludes Waste.	EA	\$209.99	\$79.38	\$0.00	\$289.37
108355	Equipment Rough-In- Indirect Waste Excludes Water.	EA	\$209.99	\$79.38	\$0.00	\$289.37
108356	Equipment Rough-In- Waste & Vent Excludes Water.	EA	\$209.99	\$79.38	\$0.00	\$289.37
108357	Equipment Rough-In- CW, HW, Waste & Vent	EA	\$419.98	\$158.75	\$0.00	\$578.73

22-43-00 Healthcare and Laboratory Plumbing Fixtures

22-43-13 Healthcare Fixtures

108358	Patient Care Module- Lavatory W/Fixed Water Closet Acorn Versalette 4047 Or Equal. Includes Supply Pipes W/Loose Key Control Stops And Escutcheons.	EA	\$784.39	\$11,526.86	\$0.00	\$12,311.25
108359	Patient Care Module- Lavatory W/Pivoting Water Closet Acorn Swivette 4010 Or Equal. Includes Supply Pipes W/Loose Key Control Stops And Escutcheons.	EA	\$784.39	\$13,196.89	\$0.00	\$13,981.28
108360	Clinical Sink- Floor Mounted Kohler K-6676 Service Sink W/Chicago Faucet 814-Vb Combination Faucet, Chicago Faucet 910-G Wall Hung Double Pedal Valve, Sloan Royal 117 Flush Valve Or Equal. Includes Vacuum Breaker Assembly, Wall Spout W/4' Hose & E21 Rose Spray.	EA	\$424.88	\$3,271.80	\$0.00	\$3,696.68
108361	Clinical Sink- Wall Mounted Kohler K-12867 Service Sink W/Chicago Faucet 814-Vb Combination Faucet, Chicago Faucet 910-G Wall Hung Double Pedal Valve, Sloan Royal 117 Flush Valve Or Equal. Includes Carrier, Vacuum Breaker Assembly, Wall Spout W/4' Hose & E21 Rose Spray.	EA	\$490.24	\$3,474.15	\$0.00	\$3,964.39
108362	Clinical Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108363	Surgeon Scrub Sink- Vitreous China, Wall Mounted Kohler K-12793 W/Chicago Faucet 626-E3 & 745-Vo Knee Operated Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$433.04	\$2,606.22	\$0.00	\$3,039.26

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		Units	Labor	Material	Equipment	Total
108364	Surgeon Scrub Sink- Stainless Steel, Wall Mounted Elkay Ews-2520-K-C W/Knee Operated Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$433.04	\$3,589.96	\$0.00	\$4,023.00
108365	Surgeon Scrub Sink- Single Station, Stainless Steel, Wall Mounted Sloan Ess-2100-C-Adm W/Sensor Operated Faucet Or Equal. Includes Manual Above Deck Thermostatic Mixing Valve, Supply Pipes W/Loose Key Control Stops, Escutcheons And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$588.29	\$8,952.34	\$0.00	\$9,540.63
108366	Surgeon Scrub Sink- Double Station, Stainless Steel, Wall Mounted Sloan Ess-2200-C-Adm W/Sensor Operated Faucet Or Equal. Includes Manual Above Deck Thermostatic Mixing Valve, Supply Pipes W/Loose Key Control Stops, Escutcheons And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$784.39	\$12,109.55	\$0.00	\$12,893.94
108367	Surgeon Scrub Sink- Triple Station, Stainless Steel, Wall Mounted Sloan Ess-2300-C-Adm W/Sensor Operated Faucet Or Equal. Includes Manual Above Deck Thermostatic Mixing Valve, Supply Pipes W/Loose Key Control Stops, Escutcheons And Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$980.49	\$15,649.52	\$0.00	\$16,630.01
108368	Surgeon Scrub Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108369	Dialysis Box - Recessed w/Locking Door, Single RO/DI Water Connection Whitehall/Acorn Model 8196 or Equal, Ligature Resistant	EA	\$122.56	\$2,175.92	\$0.00	\$2,298.48
108370	Dialysis Box - Recessed w/Locking Door, Dual RO/DI Water Connection Whitehall/Acorn Model 8195 or Equal, Ligature Resistant	EA	\$122.56	\$2,523.33	\$0.00	\$2,645.89
108371	Dialysis Box - Recessed w/Locking Door, Domestic Cold Water Connection Whitehall Model 8193 or Equal, Ligature Resistant	EA	\$204.27	\$5,442.84	\$0.00	\$5,647.11

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		Units	Labor	Material	Equipment	Total
108372	Dialysis Box - Recessed w/Locking Door, Domestic Cold and Hot Water Connection Whitehall Model 8194 or Equal, Ligature Resistant	EA	\$204.27	\$6,314.42	\$0.00	\$6,518.69
108373	Dialysis Box Rough-In	EA	\$209.99	\$79.38	\$0.00	\$289.37
108374	Patient Care Module Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-43-53 Laboratory Fixtures						
108375	CW Laboratory Faucet- Install Only Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug. Excludes Faucet Cost.	EA	\$81.71	\$128.00	\$0.00	\$209.71
108376	CW & HW Laboratory Faucet- Install Only Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug. Excludes Faucet Cost.	EA	\$81.71	\$162.13	\$0.00	\$243.84
108377	RO/DI Laboratory Faucet- Install Only Includes Supply Pipes W/Loose Key Control Stops And Escutcheons. Excludes Faucet Cost.	EA	\$81.71	\$0.00	\$0.00	\$81.71
108378	CW Laboratory Faucet W/Vacuum Breaker Spout Chicago Faucet 928 Lab Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$81.71	\$326.69	\$0.00	\$408.40
108379	CW & HW Laboratory Faucet W/Vacuum Breaker Spout Chicago Faucet 930 Lab Faucet Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$81.71	\$416.90	\$0.00	\$498.61
108380	RO/DI Laboratory Faucet Chicago Faucet 969-Ctf Or Equal.	EA	\$81.71	\$248.68	\$0.00	\$330.39
108381	Laboratory Sink Chicago Faucet 930 Lab Faucet And Sink Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$204.27	\$983.73	\$0.00	\$1,188.00

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		Units	Labor	Material	Equipment	Total
108382	Cup Sink Chicago Faucet 928 Lab Faucet And Cup Sink Or Equal. Includes Drain, Tailpiece, Supply Pipes W/Loose Key Control Stops, Escutcheons, Cast Adjustable P-Trap W/Cleanout Plug.	EA	\$122.56	\$524.17	\$0.00	\$646.73
108383	CW Faucet Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108384	CW & HW Faucet Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108385	RO/DI Faucet Rough-In	EA	\$209.99	\$79.38	\$0.00	\$289.37
108386	Laboratory Sink Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108387	Cup Sink Rough-In- Waste Only	EA	\$209.99	\$79.38	\$0.00	\$289.37
22-43-57 Laboratory Equipment Connections						
108388	Equipment Rough-In- Med/Lab Gas	EA	\$62.10	\$2.45	\$0.00	\$64.55
108389	Equipment Rough-In- Lab Waste Excludes Water.	EA	\$209.99	\$79.38	\$0.00	\$289.37
108390	Equipment Rough-In- Lab CW, HW, Waste & Vent	EA	\$419.98	\$158.75	\$0.00	\$578.73
108391	Equipment Rough-In- RO/DI Water	EA	\$209.99	\$79.38	\$0.00	\$289.37
22-46-13 Security Fixtures						
108392	Penal Lavatory Acorn Model 1652 Or Equal. Includes Supply Pipes W/Loose Key Control Stops And Escutcheons.	EA	\$571.95	\$1,375.03	\$0.00	\$1,946.98
108393	Penal Lavatory Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108394	Penal Water Closet Acorn Model R2100 W/Sloan Royal 9603 Or Equal. Includes Supply Pipes W/Loose Key Control Stops And Escutcheons.	EA	\$735.37	\$1,479.87	\$0.00	\$2,215.24
108395	Penal Water Closet Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108396	Penal Combination Lavatory/Water Closet Acorn Model 1418 Or Equal. Includes Supply Pipes W/Loose Key Control Stops And Escutcheons.	EA	\$980.49	\$2,789.07	\$0.00	\$3,769.56
108397	Penal Combination Lavatory/Water Closet Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
22-45-00 Emergency Plumbing Fixtures						
22-45-13 Emergency Showers						
108398	Emergency Shower Thermostatic Mixing Valve Bradley S19-2100, Guardian G3800 Or Equal. Excludes Cabinet.	EA	\$269.63	\$1,453.05	\$0.00	\$1,722.68
108399	Emergency Shower- Ceiling Mounted, Exposed Water Saver Esbf658 Or Equal.	EA	\$457.56	\$702.14	\$0.00	\$1,159.70
108400	Emergency Shower- Wall Mounted, Recessed Water Saver Esbf670 Or Equal.	EA	\$571.95	\$863.05	\$0.00	\$1,435.00
108401	Emergency Shower Rough-In	EA	\$209.99	\$79.38	\$0.00	\$289.37
22-45-16 Eyewash Equipment						

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		Units	Labor	Material	Equipment	Total
108402	Emergency Eyewash Thermostatic Mixing Valve Bradley S19-2000, Haws G3600 Or Equal. Excludes Cabinet.	EA	\$171.59	\$702.14	\$0.00	\$873.73
108403	Emergency Eye/Face Wash- Install Only	EA	\$122.57	\$0.00	\$0.00	\$122.57
108404	Emergency Eye/Face Wash- Deck Mounted Water Saver Ew1022 Or Equal. Includes Locking Squeeze Handle, Under Counter Hose Guide And Deck Flange.	EA	\$122.57	\$472.97	\$0.00	\$595.54
108405	Emergency Eye/Face Wash- Wall Mounted, Exposed Water Saver Ew814 Or Equal. Includes Stainless Steel Bowl, 2 Outlets W/Aerators And Volume Control.	EA	\$196.10	\$433.96	\$0.00	\$630.06
108406	Emergency Eye/Face Wash- Wall Mounted, Recessed Water Saver Febf735Dp Or Equal.	EA	\$245.12	\$1,729.76	\$0.00	\$1,974.88
108407	Emergency Eye/Face Wash- Floor Mounted Haws 7361 Or Equal.	EA	\$245.12	\$636.32	\$0.00	\$881.44
108408	Emergency Eye Wash Rough-In	EA	\$209.99	\$79.38	\$0.00	\$289.37
22-45-33 Combination Emergency Fixture Units						
108409	Emergency Shower & Eye Wash- Floor Mounted Haws 8300 Or Equal.	EA	\$522.93	\$1,122.70	\$0.00	\$1,645.63
108410	Emergency Shower & Eye Wash- Wall Mounted, Recessed Water Saver Ssbfd2150 Or Equal.	EA	\$653.66	\$2,555.02	\$0.00	\$3,208.68
108411	Emergency Shower, Eye Wash & Safety Station- Wall Mounted Recessed Guardian Gsc2652K Or Equal. Includes Fire Extinguisher And Lower Storage Housings.	EA	\$898.78	\$5,096.64	\$0.00	\$5,995.42
108412	Emergency Eye Wash/Shower Rough-In	EA	\$209.99	\$79.38	\$0.00	\$289.37
22-47-00 Drinking Fountains and Water Coolers						
22-47-13 Drinking Fountains						
108413	Drinking Fountain - Classroom Bubbler Elkay LK1141A or Equal.	EA	\$122.56	\$393.74	\$0.00	\$516.30
108414	Drinking Fountain - Wall Mounted Single Height Elkay EMABFDS or Equal.	EA	\$163.42	\$948.38	\$0.00	\$1,111.80
108415	Drinking Fountain - Wall Mounted Dual Height Elkay EMABFTLDDSC or Equal.	EA	\$196.10	\$1,897.98	\$0.00	\$2,094.08
108416	Drinking Fountain - Recessed Single Height Includes Wall Mounting Back Plate. Elkay EDFPBWM114C or Equal.	EA	\$163.42	\$2,250.27	\$0.00	\$2,413.69

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		Units	Labor	Material	Equipment	Total
108417	Drinking Fountain - Recessed Dual Height Includes Wall Mounting Back Plate. Elkay EDFPBM117C or Equal.	EA	\$196.10	\$3,667.97	\$0.00	\$3,864.07
108418	Drinking Fountain - Outdoor Wall Mounted Single Height Elkay LK4405 or Equal.	EA	\$245.12	\$2,340.48	\$0.00	\$2,585.60
108419	Drinking Fountain - Outdoor Wall Mounted Dual Height Elkay LK4406 or Equal.	EA	\$245.12	\$6,678.90	\$0.00	\$6,924.02
108420	Drinking Fountain - Outdoor Pedestal Single Height Elkay LK4410 or Equal.	EA	\$245.12	\$4,465.20	\$0.00	\$4,710.32
108421	Drinking Fountain - Outdoor Pedestal Dual Height Elkay LK4420 or Equal.	EA	\$326.83	\$5,435.52	\$0.00	\$5,762.35
108422	Drinking Fountain Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108423	Drinking Fountain - Outdoor Wall Mounted Single Height w/Bottle Filler Elkay LK4408BF or Equal.	EA	\$213.14	\$6,772.34	\$0.00	\$6,985.48
108424	Drinking Fountain - Outdoor Wall Mounted Dual Height w/ Bottle Filler Elkay LK4409BF or Equal.	EA	\$213.14	\$8,290.26	\$0.00	\$8,503.40
108425	Drinking Fountain - Outdoor Pedestal w/ Bottle Filler Single Height Elkay LK4420BF1U or Equal.	EA	\$284.20	\$6,808.38	\$0.00	\$7,092.58
108426	Drinking Fountain - Outdoor Pedestal w/ Bottle Filler Dual Height Elkay LK4430BF1U or Equal.	EA	\$365.19	\$8,569.05	\$0.00	\$8,934.24
108427	[Modifier] Drinking Fountain - Filtered or Vandal Resistant Elkay FPK or Equal.	EA	\$0.00	\$181.63	\$0.00	\$181.63
108428	[Modifier] Drinking Fountain - Freeze Resistant Elkay FPK or Equal.	EA	\$0.00	\$981.30	\$0.00	\$981.30
108429	[Modifier] Drinking Fountain - Outdoor Freeze Resistant Elkay FR or Equal.	EA	\$0.00	\$3,735.02	\$0.00	\$3,735.02
22-47-19	Water-Station Water Coolers					
108430	Water Cooler - Wall Mounted Single Height Elkay EZS8S or Equal.	EA	\$196.10	\$1,204.37	\$0.00	\$1,400.47
108431	Water Cooler - Wall Mounted Dual Height Elkay EZSTL8SC or Equal.	EA	\$261.46	\$2,107.65	\$0.00	\$2,369.11
108432	Water Cooler - Wall Mounted w/Bottle Filler Single Height Elkay EZS8WSSK or Equal.	EA	\$196.10	\$2,083.27	\$0.00	\$2,279.37
108433	Water Cooler - Wall Mounted w/Bottle Filler Dual Height Elkay EZSTL8WSSK or Equal.	EA	\$326.83	\$2,987.77	\$0.00	\$3,314.60

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		Units	Labor	Material	Equipment	Total
108434	Water Cooler - Recessed Single Height Includes Mounting Frame. Elkay ERPBM8K or Equal.	EA	\$245.12	\$3,900.80	\$0.00	\$4,145.92
108435	Water Cooler - Recessed Dual Height Includes Mounting Frame. Elkay ERPBM28K or Equal.	EA	\$326.83	\$5,364.82	\$0.00	\$5,691.65
108436	Water Cooler - Recessed w/Bottle Filler Single Height Includes Mounting Frame. Elkay EZWS-ERPBM8K or Equal.	EA	\$245.12	\$6,536.28	\$0.00	\$6,781.40
108437	Water Cooler - Recessed w/Bottle Filler Dual Height Includes Mounting Frame. Elkay EZWS-ERPBM28K or Equal.	EA	\$457.56	\$8,971.84	\$0.00	\$9,429.40
108438	Water Cooler Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108439	Bottle Filler - Wall Mounted Non-Refrigerated Elkay EZWSSM or Equal.	EA	\$196.10	\$1,473.77	\$0.00	\$1,669.87
108440	Bottle Filler - Wall Mounted Refrigerated Elkay EZ8WSSMC or Equal.	EA	\$196.10	\$1,785.84	\$0.00	\$1,981.94
108441	Bottle Filler - Recessed Non-Refrigerated Includes Mounting Frame. Elkay EZWSMDK or Equal.	EA	\$245.12	\$1,977.22	\$0.00	\$2,222.34
108442	Bottle Filler - Recessed Refrigerated Includes Mounting Frame. Elkay EZWSM8 or Equal.	EA	\$245.12	\$3,219.38	\$0.00	\$3,464.50
108443	Bottle Filler Rough-In	EA	\$419.98	\$158.75	\$0.00	\$578.73
108444	[Modifier] Water Cooler or Bottle Filler - Filtered or Vandal Resistant Elkay Models w/ "L" or "V".	EA	\$0.00	\$181.63	\$0.00	\$181.63
108445	[Modifier] Water Cooler or Bottle Filler - Hands Free Activation or High Efficiency Elkay Models w/ "OB" or "GRN".	EA	\$0.00	\$315.72	\$0.00	\$315.72

22-50-00 Pool and Fountain Plumbing Systems

- Plumbing Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Plumbing Equipment costs exclude housekeeping pads and dunnage.

- Piping items include hangers and couplings (as required) unless stated otherwise.

- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

22-51-00 Swimming Pool Plumbing Systems

22-51-13 Swimming Pool Piping

108446	1-1/2" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$5.88	\$0.00	\$24.67
108447	2" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$7.57	\$0.00	\$26.36

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		Units	Labor	Material	Equipment	Total
108448	2-1/2" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$11.56	\$0.00	\$30.35
108449	3" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$13.80	\$0.00	\$32.59
108450	4" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$22.06	\$20.25	\$0.00	\$42.31
108451	6" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$27.78	\$37.83	\$0.00	\$65.61
108452	8" Pool Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$33.50	\$63.46	\$0.00	\$96.96
108453	1-1/2" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$22.06	\$13.45	\$0.00	\$35.51
108454	2" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$22.87	\$15.70	\$0.00	\$38.57
108455	2-1/2" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$28.60	\$37.68	\$0.00	\$66.28
108456	3" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$33.50	\$40.56	\$0.00	\$74.06
108457	4" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$71.90	\$65.52	\$0.00	\$137.42
108458	6" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$187.10	\$144.28	\$0.00	\$331.38
108459	8" Pool Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$290.06	\$376.17	\$0.00	\$666.23
22-51-19 Swimming Pool Water Treatment Equipment						
108460	Pool Filter- Regenerative Media Pool Surface Area= 6,016 Sf	EA	\$3,268.30	\$149,937.00	\$0.00	\$153,205.30
108461	Pool Pump w/VFD Pool Surface Area= 6,016 Sf	EA	\$588.29	\$11,458.60	\$0.00	\$12,046.89
108462	Calcium Hypochlorite Feed System Pool Surface Area= 6,016 Sf	EA	\$1,960.98	\$18,650.70	\$0.00	\$20,611.68
108463	CO2 PH Buffer System Pool Surface Area= 6,016 Sf	EA	\$588.29	\$2,102.78	\$0.00	\$2,691.07
108464	Chemical Controller Pool Surface Area= 6,016 Sf	EA	\$588.29	\$10,666.25	\$0.00	\$11,254.54
108465	Enclosed Surge Tank Pool Surface Area= 6,016 Sf	EA	\$2,941.47	\$39,312.75	\$0.00	\$42,254.22
108466	Water Level Controller Pool Surface Area= 6,016 Sf	EA	\$588.29	\$8,045.40	\$0.00	\$8,633.69
108467	Pool Pump Hook-Up	EA	\$568.69	\$1,623.28	\$0.00	\$2,191.97

22-60-00 Gas and Vacuum Systems for Laboratory and Healthcare Facilities

- Plumbing Equipment costs exclude temperature controls, electrical connections, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Plumbing Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Plumbing Equipment costs exclude housekeeping pads and dunnage.

• Piping items include hangers and couplings (as required) unless stated otherwise.

• Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

22-61-00 Compressed-Air Systems for Laboratory and Healthcare Facilities

22-61-13 Compressed-Air Piping for Laboratory and Healthcare Facilities

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		Units	Labor	Material	Equipment	Total
108468	1/2" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.97	\$4.33	\$0.00	\$22.30
108469	3/4" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$6.42	\$0.00	\$25.21
108470	1" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$8.84	\$0.00	\$27.63
108471	1-1/4" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.16	\$11.46	\$0.00	\$28.62
108472	1-1/2" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$16.34	\$14.36	\$0.00	\$30.70
108473	2" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.16	\$22.30	\$0.00	\$39.46
108474	2-1/2" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.97	\$32.18	\$0.00	\$50.15
108475	3" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$44.34	\$0.00	\$63.13
108476	4" Compressed Air Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$24.51	\$74.21	\$0.00	\$98.72
108477	1/2" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$36.77	\$1.77	\$0.00	\$38.54
108478	3/4" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$49.84	\$4.07	\$0.00	\$53.91
108479	1" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$59.65	\$11.08	\$0.00	\$70.73
108480	1-1/4" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$64.55	\$15.82	\$0.00	\$80.37
108481	1-1/2" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$68.63	\$24.45	\$0.00	\$93.08
108482	2" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$79.26	\$43.31	\$0.00	\$122.57
108483	2-1/2" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$125.83	\$86.87	\$0.00	\$212.70
108484	3" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$151.16	\$117.04	\$0.00	\$268.20
108485	4" Compressed Air Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$201.81	\$265.47	\$0.00	\$467.28
108486	1/2" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$16.34	\$5.89	\$0.00	\$22.23
108487	3/4" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$7.18	\$0.00	\$24.34

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		Units	Labor	Material	Equipment	Total
108488	1" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$9.36	\$0.00	\$27.33
108489	1-1/4" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$19.61	\$12.40	\$0.00	\$32.01
108490	1-1/2" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$14.45	\$0.00	\$31.61
108491	2" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$19.16	\$0.00	\$37.13
108492	1/2" Compressed Air Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$44.13	\$3.80	\$0.00	\$47.93
108493	3/4" Compressed Air Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$60.47	\$4.90	\$0.00	\$65.37
108494	1" Compressed Air Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$74.36	\$8.63	\$0.00	\$82.99
108495	1-1/4" Compressed Air Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$85.79	\$13.98	\$0.00	\$99.77
108496	1-1/2" Compressed Air Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$93.15	\$17.97	\$0.00	\$111.12
108497	2" Compressed Air Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$114.39	\$30.67	\$0.00	\$145.06
108498	2-1/2" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95
108499	3" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
108500	4" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
108501	5" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49
108502	6" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00
108503	8" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
108504	10" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
108505	12" Compressed Air Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
108506	2-1/2" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
108507	3" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80

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		Units	Labor	Material	Equipment	Total
108508	4" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
108509	5" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
108510	6" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
108511	8" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90
108512	10" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39
108513	12" Compressed Air Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15
108514	1/2" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.66	\$5.02	\$0.00	\$22.68
108515	3/4" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.41	\$8.14	\$0.00	\$26.55
108516	1" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.41	\$10.46	\$0.00	\$28.87
108517	1-1/4" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.28	\$12.69	\$0.00	\$29.97
108518	1-1/2" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$15.88	\$16.07	\$0.00	\$31.95
108519	2" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$16.63	\$23.95	\$0.00	\$40.58
108520	2-1/2" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.30	\$35.69	\$0.00	\$53.99
108521	3" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.87	\$48.70	\$0.00	\$67.57
108522	4" Compressed Air Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$24.06	\$84.73	\$0.00	\$108.79

22-61-19 Compressed-Air Equipment for Laboratory and Healthcare Facilities

Air compressors to be factory assembled, wired, piped, and tested on skid or base. Electric-motor-driven, air-cooled, continuous-duty air compressors and receivers. Includes control panel.

108523	Install Lab Turret- Air Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet Cost.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108524	Single Lab Turret- Air Chicago Faucet 980. Includes Rough-In.	EA	\$156.88	\$146.28	\$0.00	\$303.16
108525	Double Lab Turret- Air Chicago Faucet 982. Includes Rough-In.	EA	\$156.88	\$173.10	\$0.00	\$329.98

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108526	Install Hospital Outlet- Air Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108527	Hospital Outlet- Air Beaconmedaes Series B Concealed Outlet. Includes Rough-In.	EA	\$156.88	\$120.68	\$0.00	\$277.56
108528	2-1/2 HP Duplex Packaged Air Compressor- Medical/Lab	EA	\$1,568.78	\$40,587.26	\$0.00	\$42,156.04
108529	5 HP Duplex Packaged Air Compressor- Medical/Lab	EA	\$1,568.78	\$58,163.26	\$0.00	\$59,732.04
108530	10 HP Duplex Packaged Air Compressor- Medical/Lab	EA	\$2,647.32	\$73,239.65	\$0.00	\$75,886.97
108531	15 HP Duplex Packaged Air Compressor- Medical/Lab	EA	\$2,647.32	\$88,317.56	\$0.00	\$90,964.88
108532	5 HP Triplex Packaged Air Compressor- Medical/Lab	EA	\$3,382.69	\$87,244.13	\$0.00	\$90,626.82
108533	10 HP Triplex Packaged Air Compressor- Medical/Lab	EA	\$3,382.69	\$109,860.24	\$0.00	\$113,242.93
108534	15 HP Triplex Packaged Air Compressor- Medical/Lab	EA	\$3,382.69	\$132,476.34	\$0.00	\$135,859.03
108535	15 HP Quadplex Packaged Air Compressor- Medical/Lab	EA	\$4,118.06	\$158,620.06	\$0.00	\$162,738.12
108536	15 HP Hexaplex Packaged Air Compressor- Medical/Lab	EA	\$5,294.65	\$245,098.11	\$0.00	\$250,392.76
108537	1" & Dn Air Compressor Hook-Up	EA	\$447.75	\$550.59	\$0.00	\$998.34
108538	1-1/4" To 2" Air Compressor Hook-Up	EA	\$594.83	\$1,350.86	\$0.00	\$1,945.69
108539	2-1/2" Air Compressor Hook-Up	EA	\$802.37	\$1,775.01	\$0.00	\$2,577.38
108540	3" Air Compressor Hook-Up	EA	\$964.15	\$2,139.93	\$0.00	\$3,104.08
108541	4" Air Compressor Hook-Up	EA	\$1,380.85	\$3,063.44	\$0.00	\$4,444.29

22-62-00 Vacuum Systems for Laboratory and Healthcare Facilities

22-62-13 Vacuum Piping for Laboratory and Healthcare Facilities

108542	1/2" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.97	\$4.33	\$0.00	\$22.30
108543	3/4" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$6.42	\$0.00	\$25.21
108544	1" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$8.84	\$0.00	\$27.63
108545	1-1/4" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.16	\$11.46	\$0.00	\$28.62
108546	1-1/2" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$16.34	\$14.36	\$0.00	\$30.70
108547	2" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.16	\$22.30	\$0.00	\$39.46
108548	2-1/2" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.97	\$32.18	\$0.00	\$50.15
108549	3" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$44.34	\$0.00	\$63.13

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		Units	Labor	Material	Equipment	Total
108550	4" Vacuum Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$24.51	\$74.21	\$0.00	\$98.72
108551	1/2" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$36.77	\$1.77	\$0.00	\$38.54
108552	3/4" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$49.84	\$4.07	\$0.00	\$53.91
108553	1" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$59.65	\$11.08	\$0.00	\$70.73
108554	1-1/4" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$64.55	\$15.82	\$0.00	\$80.37
108555	1-1/2" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$68.63	\$24.45	\$0.00	\$93.08
108556	2" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$79.26	\$43.31	\$0.00	\$122.57
108557	2-1/2" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$125.83	\$86.87	\$0.00	\$212.70
108558	3" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$151.16	\$117.04	\$0.00	\$268.20
108559	4" Vacuum Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$201.81	\$265.47	\$0.00	\$467.28
108560	1/2" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.66	\$5.02	\$0.00	\$22.68
108561	3/4" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.41	\$8.14	\$0.00	\$26.55
108562	1" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.41	\$10.46	\$0.00	\$28.87
108563	1-1/4" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.28	\$12.69	\$0.00	\$29.97
108564	1-1/2" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$15.88	\$16.07	\$0.00	\$31.95
108565	2" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$16.63	\$23.95	\$0.00	\$40.58
108566	2-1/2" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.30	\$35.69	\$0.00	\$53.99
108567	3" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.87	\$48.70	\$0.00	\$67.57
108568	4" Vacuum Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$24.06	\$84.73	\$0.00	\$108.79

22-62-19 Vacuum Equipment for Laboratory and Healthcare Facilities

Vacuum pumps to be factory-assembled, wired, piped, and tested on skid or base. Electric-motor-driven, air-cooled, continuous-duty vacuum pumps and receivers. Includes control panel.

108569	Install Lab Turret- Vacuum Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet Cost.	EA	\$180.57	\$19.50	\$0.00	\$200.07
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The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108570	Single Lab Turret- Vacuum Chicago Faucet 980. Includes Rough-In.	EA	\$180.57	\$146.28	\$0.00	\$326.85
108571	Double Lab Turret- Vacuum Chicago Faucet 982. Includes Rough-In.	EA	\$180.57	\$173.10	\$0.00	\$353.67
108572	Install Hospital Outlet- Vacuum Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet.	EA	\$180.57	\$19.50	\$0.00	\$200.07
108573	Hospital Outlet- Vacuum Beaconmedaes Series B Concealed Outlet. Includes Rough-In.	EA	\$180.57	\$120.68	\$0.00	\$301.25
108574	2-1/2 HP Duplex Packaged Vacuum Pump- Medical/Lab	EA	\$1,568.78	\$33,753.07	\$0.00	\$35,321.85
108575	5 HP Duplex Packaged Vacuum Pump- Medical/Lab	EA	\$1,568.78	\$48,747.71	\$0.00	\$50,316.49
108576	7-1/2 HP Duplex Packaged Vacuum Pump- Medical/Lab	EA	\$2,647.32	\$81,751.35	\$0.00	\$84,398.67
108577	10 HP Duplex Packaged Vacuum Pump- Medical/Lab	EA	\$2,647.32	\$98,314.48	\$0.00	\$100,961.80
108578	7-1/2 HP Triplex Packaged Vacuum Pump- Medical/Lab	EA	\$3,382.69	\$109,130.49	\$0.00	\$112,513.18
108579	10 HP Triplex Packaged Vacuum Pump- Medical/Lab	EA	\$3,382.69	\$124,408.24	\$0.00	\$127,790.93
108580	15 HP Quadplex Packaged Vacuum Pump- Medical/Lab	EA	\$4,118.06	\$148,695.80	\$0.00	\$152,813.86
108581	3 HP Simplex Packaged Vacuum Pump- Dental	EA	\$784.39	\$17,345.87	\$0.00	\$18,130.26
108582	5 HP Simplex Packaged Vacuum Pump- Dental	EA	\$784.39	\$26,020.70	\$0.00	\$26,805.09
108583	1" & Dn Vacuum Pump Hook-Up	EA	\$447.75	\$550.59	\$0.00	\$998.34
108584	1-1/4" To 2" Vacuum Pump Hook-Up	EA	\$594.83	\$1,350.86	\$0.00	\$1,945.69
108585	2-1/2" Vacuum Pump Hook-Up	EA	\$802.37	\$1,775.01	\$0.00	\$2,577.38
108586	3" Vacuum Pump Hook-Up	EA	\$964.15	\$2,139.93	\$0.00	\$3,104.08
108587	4" Vacuum Pump Hook-Up	EA	\$1,380.85	\$3,063.44	\$0.00	\$4,444.29

22-63-00 Gas Systems for Laboratory and Healthcare Facilities

22-63-13 Gas Piping for Laboratory and Healthcare Facilities

108588	1/2" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.97	\$4.33	\$0.00	\$22.30
108589	3/4" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$6.42	\$0.00	\$25.21
108590	1" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$8.84	\$0.00	\$27.63
108591	1-1/4" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.16	\$11.46	\$0.00	\$28.62
108592	1-1/2" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$16.34	\$14.36	\$0.00	\$30.70
108593	2" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.16	\$22.30	\$0.00	\$39.46

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		Units	Labor	Material	Equipment	Total
108594	2-1/2" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.97	\$32.18	\$0.00	\$50.15
108595	3" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.79	\$44.34	\$0.00	\$63.13
108596	4" Medical Gas Pipe - Copper, Type L, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$24.51	\$74.21	\$0.00	\$98.72
108597	1/2" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$36.77	\$1.77	\$0.00	\$38.54
108598	3/4" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$49.84	\$4.07	\$0.00	\$53.91
108599	1" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$59.65	\$11.08	\$0.00	\$70.73
108600	1-1/4" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$64.55	\$15.82	\$0.00	\$80.37
108601	1-1/2" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$68.63	\$24.45	\$0.00	\$93.08
108602	2" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$79.26	\$43.31	\$0.00	\$122.57
108603	2-1/2" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$125.83	\$86.87	\$0.00	\$212.70
108604	3" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$151.16	\$117.04	\$0.00	\$268.20
108605	4" Medical Gas Fitting - Copper, Wrot, Medical Gas Cleaned, Brazed	EA	\$201.81	\$265.47	\$0.00	\$467.28
108606	1/2" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Threaded	LF	\$17.16	\$6.38	\$0.00	\$23.54
108607	3/4" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Threaded	LF	\$17.97	\$7.78	\$0.00	\$25.75
108608	1" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Threaded	LF	\$19.61	\$10.03	\$0.00	\$29.64
108609	1-1/4" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Threaded	LF	\$23.69	\$14.01	\$0.00	\$37.70
108610	1-1/2" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Threaded	LF	\$21.24	\$16.63	\$0.00	\$37.87
108611	2" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Threaded	LF	\$21.24	\$20.54	\$0.00	\$41.78
108612	2-1/2" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Butt Weld	LF	\$35.95	\$32.63	\$0.00	\$68.58
108613	3" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Butt Weld	LF	\$38.40	\$41.03	\$0.00	\$79.43

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		Units	Labor	Material	Equipment	Total
108614	4" Medical Gas Pipe - Stainless Steel, Type 304, Standard Weight, Butt Weld	LF	\$45.76	\$55.73	\$0.00	\$101.49
108615	1/2" Medical Gas Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$51.47	\$7.67	\$0.00	\$59.14
108616	3/4" Medical Gas Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$72.71	\$8.74	\$0.00	\$81.45
108617	1" Medical Gas Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$88.24	\$11.67	\$0.00	\$99.91
108618	1-1/4" Medical Gas Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$102.13	\$18.63	\$0.00	\$120.76
108619	1-1/2" Medical Gas Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$111.12	\$22.50	\$0.00	\$133.62
108620	2" Medical Gas Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$136.45	\$30.54	\$0.00	\$166.99
108621	2-1/2" Medical Gas Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$638.14	\$52.87	\$0.00	\$691.01
108622	3" Medical Gas Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$670.00	\$45.75	\$0.00	\$715.75
108623	4" Medical Gas Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$830.97	\$71.77	\$0.00	\$902.74
108624	1/2" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.66	\$5.02	\$0.00	\$22.68
108625	3/4" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.41	\$8.14	\$0.00	\$26.55
108626	1" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.41	\$10.46	\$0.00	\$28.87
108627	1-1/4" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$17.28	\$12.69	\$0.00	\$29.97
108628	1-1/2" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$15.88	\$16.07	\$0.00	\$31.95
108629	2" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$16.63	\$23.95	\$0.00	\$40.58
108630	2-1/2" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.30	\$35.69	\$0.00	\$53.99
108631	3" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$18.87	\$48.70	\$0.00	\$67.57
108632	4" Medical Gas Pipe - Copper, Type K, Hard Drawn, Medical Gas Cleaned, Brazed	LF	\$24.06	\$84.73	\$0.00	\$108.79

22-63-19 Gas Equipment for Laboratory and Healthcare Facilities

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108633	Headwall/Boom Rough-In - 3 Gas Connection Only, Excludes Equipment.	EA	\$188.75	\$35.75	\$0.00	\$224.50
108634	Headwall/Boom Rough-In - 6 Gas Connection Only, Excludes Equipment.	EA	\$377.49	\$80.03	\$0.00	\$457.52
108635	Fume Hood Rough-In - 3 Gas Connection Only, Excludes Equipment.	EA	\$188.75	\$39.46	\$0.00	\$228.21
108636	Fume Hood Rough-In - 6 Gas Connection Only, Excludes Equipment.	EA	\$377.49	\$80.03	\$0.00	\$457.52
108637	Fume Hood Rough-In - Water & Waste Connection Only, Excludes Equipment.	EA	\$387.30	\$165.13	\$0.00	\$552.43
108638	Install Lab Turret- Gas Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet Cost.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108639	Install Lab Turret- Natural Gas Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet Cost.	EA	\$163.42	\$19.50	\$0.00	\$182.92
108640	Install Lab Turret- Nitrogen Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet Cost.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108641	Install Lab Turret- Oxygen Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet Cost.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108642	Single Lab Turret- Gas Chicago Faucet 980. Includes Rough-In.	EA	\$156.88	\$146.28	\$0.00	\$303.16
108643	Single Lab Turret- Natural Gas Chicago Faucet 980. Includes Rough-In.	EA	\$163.42	\$146.28	\$0.00	\$309.70
108644	Single Lab Turret- Nitrogen Chicago Faucet 980. Includes Rough-In.	EA	\$156.88	\$146.28	\$0.00	\$303.16
108645	Single Lab Turret- Oxygen Chicago Faucet 980. Includes Rough-In.	EA	\$156.88	\$146.28	\$0.00	\$303.16
108646	Double Lab Turret- Gas Chicago Faucet 982. Includes Rough-In.	EA	\$156.88	\$173.10	\$0.00	\$329.98
108647	Double Lab Turret- Natural Gas Chicago Faucet 982. Includes Rough-In.	EA	\$163.42	\$173.10	\$0.00	\$336.52
108648	Double Lab Turret- Nitrogen Chicago Faucet 982. Includes Rough-In.	EA	\$156.88	\$173.10	\$0.00	\$329.98
108649	Double Lab Turret- Oxygen Chicago Faucet 982. Includes Rough-In.	EA	\$156.88	\$173.10	\$0.00	\$329.98
108650	Install Hospital Outlet- Gas Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet.	EA	\$156.88	\$19.50	\$0.00	\$176.38

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
108651	Install Hospital Outlet- Natural Gas Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet.	EA	\$163.42	\$19.50	\$0.00	\$182.92
108652	Install Hospital Outlet- Nitrogen Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108653	Install Hospital Outlet- Oxygen Includes Rough-In. Excludes Pipe. Install Only, Excludes Outlet.	EA	\$156.88	\$19.50	\$0.00	\$176.38
108654	Hospital Outlet- Gas Beaconmedaes Series B Concealed Outlet. Includes Rough-In.	EA	\$156.88	\$120.68	\$0.00	\$277.56
108655	Hospital Outlet- Natural Gas Beaconmedaes Series B Concealed Outlet. Includes Rough-In.	EA	\$163.42	\$120.68	\$0.00	\$284.10
108656	Hospital Outlet- Nitrogen Beaconmedaes Series B Concealed Outlet. Includes Rough-In.	EA	\$156.88	\$120.68	\$0.00	\$277.56
108657	Hospital Outlet- Oxygen Beaconmedaes Series B Concealed Outlet. Includes Rough-In.	EA	\$156.88	\$120.68	\$0.00	\$277.56
108658	Medical Gas Line Pressure Alarm- 3 Gas Separate Trouble Alarm Signals, Pressure And Vacuum Gages, And Indicators For Medical Gas Piping Systems.	EA	\$562.96	\$2,084.49	\$0.00	\$2,647.45
108659	Medical Gas Line Pressure Alarm- 6 Gas Separate Trouble Alarm Signals, Pressure And Vacuum Gages, And Indicators For Medical Gas Piping Systems.	EA	\$1,003.36	\$3,772.80	\$0.00	\$4,776.16
108660	Medical Gas Master Alarm Excludes Wiring.	EA	\$428.96	\$2,342.04	\$0.00	\$2,771.00
108661	Medical Gas Master Alarm Wiring- 3 Gas	EA	\$3,268.30	\$2,797.65	\$0.00	\$6,065.95
108662	Medical Gas Master Alarm Wiring- 6 Gas	EA	\$6,536.60	\$5,050.76	\$0.00	\$11,587.36
108663	Medical Gas Valve Box- 3 Gas Includes Valves, Gauges And Box.	EA	\$305.59	\$971.98	\$0.00	\$1,277.57
108664	Medical Gas Valve Box- 6 Gas Includes Valves, Gauges And Box.	EA	\$549.08	\$1,943.98	\$0.00	\$2,493.06
108665	Nitrogen Control Panel	EA	\$204.27	\$986.90	\$0.00	\$1,191.17
108666	Bottled Laboratory Gas Manifold- 4 Cylinder	EA	\$326.83	\$2,382.02	\$0.00	\$2,708.85
108667	Bottled Laboratory Gas Manifold- 12 Cylinder	EA	\$408.54	\$3,034.09	\$0.00	\$3,442.63
108668	Bottled Medical Gas Manifold- 4 Cylinder	EA	\$588.29	\$9,466.14	\$0.00	\$10,054.43

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		Units	Labor	Material	Equipment	Total
108669	Bottled Medical Gas Manifold- 12 Cylinder	EA	\$906.95	\$12,102.23	\$0.00	\$13,009.18
108670	Bottled Medical Gas Manifold- 28 Cylinder	EA	\$1,225.61	\$12,058.38	\$0.00	\$13,283.99
108671	1" & Dn Bottled Gas Hook-Up	EA	\$536.00	\$630.61	\$0.00	\$1,166.61
108672	1-1/4" To 2" Bottled Gas Hook-Up	EA	\$764.78	\$1,946.27	\$0.00	\$2,711.05

22-66-00 Chemical-Waste Systems for Laboratory and Healthcare Facilities

22-66-53 Laboratory Chemical-Waste and Vent Piping

108673	1-1/2" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	LF	\$5.72	\$2.97	\$0.00	\$8.69
108674	2" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	LF	\$6.53	\$3.99	\$0.00	\$10.52
108675	3" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	LF	\$9.81	\$8.19	\$0.00	\$18.00
108676	4" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	LF	\$10.63	\$10.43	\$0.00	\$21.06
108677	6" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	LF	\$13.89	\$20.87	\$0.00	\$34.76
108678	1-1/2" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	EA	\$60.47	\$13.29	\$0.00	\$73.76
108679	2" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	EA	\$68.63	\$17.58	\$0.00	\$86.21
108680	3" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	EA	\$101.32	\$30.88	\$0.00	\$132.20
108681	4" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	EA	\$134.00	\$38.80	\$0.00	\$172.80
108682	6" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion, w/o Hangers	EA	\$201.00	\$103.99	\$0.00	\$304.99
108683	1-1/2" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$35.13	\$7.06	\$0.00	\$42.19
108684	2" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$35.95	\$8.30	\$0.00	\$44.25

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		Units	Labor	Material	Equipment	Total
108685	3" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$32.68	\$14.52	\$0.00	\$47.20
108686	4" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$36.77	\$19.33	\$0.00	\$56.10
108687	6" Chemical Waste Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$41.68	\$36.05	\$0.00	\$77.73
108688	1-1/2" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$60.47	\$13.29	\$0.00	\$73.76
108689	2" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$68.63	\$17.58	\$0.00	\$86.21
108690	3" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$101.32	\$30.88	\$0.00	\$132.20
108691	4" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$138.08	\$38.80	\$0.00	\$176.88
108692	6" Chemical Waste Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$201.00	\$103.99	\$0.00	\$304.99
108693	1-1/2" Chemical Vent Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$35.13	\$7.06	\$0.00	\$42.19
108694	2" Chemical Vent Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$35.95	\$8.30	\$0.00	\$44.25
108695	3" Chemical Vent Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$32.68	\$14.52	\$0.00	\$47.20
108696	4" Chemical Vent Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$36.77	\$19.33	\$0.00	\$56.10
108697	6" Chemical Vent Pipe - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	LF	\$41.68	\$36.05	\$0.00	\$77.73
108698	1-1/2" Chemical Vent Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$60.47	\$13.29	\$0.00	\$73.76
108699	2" Chemical Vent Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$68.63	\$17.58	\$0.00	\$86.21

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		Units	Labor	Material	Equipment	Total
108700	3" Chemical Vent Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$101.32	\$30.88	\$0.00	\$132.20
108701	4" Chemical Vent Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$138.08	\$38.80	\$0.00	\$176.88
108702	6" Chemical Vent Fitting - Polypropylene, Schedule 40, DWV, Socket Fusion With Fire Retardant Additive	EA	\$201.00	\$103.99	\$0.00	\$304.99
22-66-83 Chemical-Waste Tanks						
108703	Point-Of-Use Polypropylene Acid Neutralization Tank	EA	\$163.42	\$1,001.29	\$0.00	\$1,164.71
108704	15 Gallon Polypropylene Acid Neutralization Tank	EA	\$490.24	\$1,501.93	\$0.00	\$1,992.17
108705	30 Gallon Polypropylene Acid Neutralization Tank	EA	\$612.81	\$2,076.99	\$0.00	\$2,689.80
108706	55 Gallon Polypropylene Acid Neutralization Tank	EA	\$653.66	\$2,672.35	\$0.00	\$3,326.01
108707	100 Gallon Polypropylene Acid Neutralization Tank	EA	\$980.49	\$3,585.69	\$0.00	\$4,566.18
108708	150 Gallon Polypropylene Acid Neutralization Tank	EA	\$1,143.90	\$4,526.09	\$0.00	\$5,669.99
108709	175 Gallon Polypropylene Acid Neutralization Tank	EA	\$1,184.75	\$6,251.28	\$0.00	\$7,436.03
108710	200 Gallon Polypropylene Acid Neutralization Tank	EA	\$1,225.61	\$7,103.72	\$0.00	\$8,329.33
108711	300 Gallon Polypropylene Acid Neutralization Tank	EA	\$1,348.18	\$9,133.36	\$0.00	\$10,481.54
108712	500 Gallon Polypropylene Acid Neutralization Tank	EA	\$1,348.18	\$12,110.16	\$0.00	\$13,458.34
22-67-00 Processed Water Systems for Laboratory and Healthcare Facilities						
22-67-13 Processed Water Piping for Laboratory and Healthcare Facilities						
108713	1/2" Process Water Pipe - Polypropylene, Schedule 80, Electrofusion	LF	\$35.95	\$3.73	\$0.00	\$39.68
108714	3/4" Process Water Pipe - Polypropylene, Schedule 80, Electrofusion	LF	\$35.95	\$4.10	\$0.00	\$40.05
108715	1" Process Water Pipe - Polypropylene, Schedule 80, Electrofusion	LF	\$35.95	\$4.64	\$0.00	\$40.59
108716	1-1/2" Process Water Pipe - Polypropylene, Schedule 80, Electrofusion	LF	\$34.32	\$7.07	\$0.00	\$41.39
108717	2" Process Water Pipe - Polypropylene, Schedule 80, Electrofusion	LF	\$31.87	\$8.62	\$0.00	\$40.49
108718	3" Process Water Pipe - Polypropylene, Schedule 80, Electrofusion	LF	\$34.32	\$16.43	\$0.00	\$50.75
108719	1/2" Process Water Fitting - Polypropylene, Schedule 80, Electrofusion	EA	\$44.13	\$6.34	\$0.00	\$50.47
108720	3/4" Process Water Fitting - Polypropylene, Schedule 80, Electrofusion	EA	\$47.39	\$7.59	\$0.00	\$54.98

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		Units	Labor	Material	Equipment	Total
108721	1" Process Water Fitting - Polypropylene, Schedule 80, Electrofusion	EA	\$51.47	\$9.17	\$0.00	\$60.64
108722	1-1/2" Process Water Fitting - Polypropylene, Schedule 80, Electrofusion	EA	\$59.65	\$12.68	\$0.00	\$72.33
108723	2" Process Water Fitting - Polypropylene, Schedule 80, Electrofusion	EA	\$68.63	\$17.32	\$0.00	\$85.95
108724	3" Process Water Fitting - Polypropylene, Schedule 80, Electrofusion	EA	\$102.13	\$42.07	\$0.00	\$144.20
108725	1/2" Process Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$21.24	\$2.79	\$0.00	\$24.03
108726	3/4" Process Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$21.24	\$3.29	\$0.00	\$24.53
108727	1" Process Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$20.42	\$4.06	\$0.00	\$24.48
108728	1-1/2" Process Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$5.88	\$0.00	\$24.67
108729	2" Process Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$7.57	\$0.00	\$26.36
108730	3" Process Water Pipe - CPVC, Schedule 80, Solid Core, Solvent Cement	LF	\$18.79	\$13.80	\$0.00	\$32.59
108731	1/2" Process Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$16.34	\$3.47	\$0.00	\$19.81
108732	3/4" Process Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$16.34	\$3.94	\$0.00	\$20.28
108733	1" Process Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$16.34	\$5.57	\$0.00	\$21.91
108734	1-1/2" Process Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$22.06	\$13.45	\$0.00	\$35.51
108735	2" Process Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$22.87	\$15.70	\$0.00	\$38.57
108736	3" Process Water Fitting - CPVC, Schedule 80, Solvent Cement	EA	\$33.50	\$40.56	\$0.00	\$74.06

23-00-00 Heating, Ventilating, and Air Conditioning (HVAC)

- Item costs include all labor, material (including gaskets, bolts, etc.), small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item.
- Item costs exclude rigging equipment. Refer to (CSI) - MasterFormat® Division 01 - General Requirements for Assembly Items: Construction Aids.
- Cutting and patching work required for the installation or demolition/removal of HVAC systems or components shall be included under the General Trades Division 1 through 14.
- Installation and Demolition/Removal costs assume accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, MEP systems, etc. to be priced separately.

23-00-00 Heating, Ventilating, and Air Conditioning (HVAC)

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Units Labor Material Equipment Total

- Item costs include all labor, material (including gaskets, bolts, etc.), small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item.
- Item costs exclude rigging equipment. Refer to (CSI) - MasterFormat® Division 01 - General Requirements for Assembly Items: Construction Aids.
- Cutting and patching work required for the installation or demolition/removal of HVAC systems or components shall be included under the General Trades Division 1 through 14.
- Installation and Demolition/Removal costs assume accessible locations. Removals and/or relocations of adjacent items required for access such as ceilings, walls, MEP systems, etc. to be priced separately.

23-01-00 Operation and Maintenance of HVAC Systems

23-01-30 Operation and Maintenance of HVAC Air Distribution

108737	Clean Round Ductwork - Up to 8" (Per LF) Includes Duct, Diffusers, Reheat Coils & Inline Sound Traps. Excludes AHU's	LF	\$3.27	\$0.00	\$0.00	\$3.27
108738	Clean Round Ductwork - 10" to 16" (Per LF) Includes Duct, Diffusers, Reheat Coils & Inline Sound Traps. Excludes AHU's	LF	\$6.45	\$0.00	\$0.00	\$6.45
108739	Clean Rectangular Ductwork - Up to 12" x 12" (Per LF) Includes Duct, Diffusers, Reheat Coils & Inline Sound Traps. Excludes AHU's	LF	\$5.30	\$0.00	\$0.00	\$5.30
108740	Clean Rectangular Ductwork - 14" x 14" to 24" x 24" (Per LF) Includes Duct, Diffusers, Reheat Coils & Inline Sound Traps. Excludes AHU's	LF	\$10.92	\$0.00	\$0.00	\$10.92
108741	Clean Rectangular Ductwork - 26" x 26" to 36" x 36" (Per LF) Includes Duct, Diffusers, Reheat Coils & Inline Sound Traps. Excludes AHU's	LF	\$14.32	\$0.00	\$0.00	\$14.32
108742	Clean Registers, Grilles & Diffusers - Up to 24" x 24" (Each)	EA	\$16.56	\$0.00	\$0.00	\$16.56
108743	Clean Registers, Grilles & Diffusers - Over 24" x 24" (Per SF)	SF	\$4.14	\$0.00	\$0.00	\$4.14
108744	Clean Duct Damper - Up To 24" x 24" (Each)	EA	\$33.11	\$0.00	\$0.00	\$33.11
108745	Clean Duct Damper - Over 24" x 24" (Per SF)	SF	\$8.28	\$0.00	\$0.00	\$8.28
108746	Clean Reheat Coil - Up to 24" x 24" (Each)	EA	\$49.67	\$0.00	\$0.00	\$49.67
108747	Clean Reheat Coil - Over 24" x 24" (Per SF)	SF	\$10.35	\$0.00	\$0.00	\$10.35
108748	Clean Variable or Constant Air Volume (VAV/CV) Box	EA	\$33.11	\$0.00	\$0.00	\$33.11
108749	Clean Variable or Constant Air Volume (VAV/CV) Box w/Reheat	EA	\$82.78	\$0.00	\$0.00	\$82.78
108750	Clean Fan- 5,000 CFM & Dn	EA	\$165.55	\$0.00	\$0.00	\$165.55
108751	Clean Fan- 5,000 to 20,000 CFM	EA	\$248.33	\$0.00	\$0.00	\$248.33

23-01-70 Operation and Maintenance of Central HVAC Equipment

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		Units	Labor	Material	Equipment	Total
108752	Air Handling Unit (AHU) - Replace Bearings, Belts, Sheaves, and Lubricate Unit Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.33	\$0.28	\$0.00	\$0.61
108753	Air Handling Unit (AHU) - Replace Supply & Return Fan Motors Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.13	\$0.49	\$0.00	\$0.62
108754	Air Handling Unit (AHU) - Replace Supply & Return Fan Variable Frequency / Speed Drives (VFD/VSD) Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.21	\$0.89	\$0.00	\$1.10
108755	Air Handling Unit (AHU) - Replace Supply & Return Fans Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation. Excludes Variable Frequency / Speed Drives (VFD/VSD).	CFM	\$0.33	\$1.39	\$0.00	\$1.72
108756	Air Handling Unit (AHU) - Replace Dampers and Actuators Includes Outside Air, Relief Air, Return/Exhaust Air, and Mixed Air Dampers. Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation. Excludes Controls.	CFM	\$0.13	\$0.27	\$0.02	\$0.42
108757	Air Handling Unit (AHU) - Repair Coil Includes Inspect, Test, and Verify Proper Operation.	CFM	\$0.08	\$0.04	\$0.00	\$0.12
108758	Air Handling Unit (AHU) - Replace Pre Filter- Merv 8 Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.01	\$0.05	\$0.00	\$0.06
108759	Air Handling Unit (AHU) - Replace Final Filter- Merv 13 Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.01	\$0.12	\$0.00	\$0.13
108760	Air Handling Unit (AHU) - Replace Final Filter- Merv 15 (95%) Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.02	\$0.21	\$0.00	\$0.23
108761	Air Handling Unit (AHU) - Replace HEPA Filter Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.02	\$0.37	\$0.00	\$0.39

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		Units	Labor	Material	Equipment	Total
108762	Air Handling Unit (AHU) - Replace Hot Water Coil Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.15	\$0.51	\$0.00	\$0.66
108763	Air Handling Unit (AHU) - Replace Chilled Water Coil Includes Removals, Disposals, Inspect, Test, and Verify Proper Operation.	CFM	\$0.18	\$0.73	\$0.00	\$0.91
23-01-80 Operation and Maintenance of Decentralized HVAC Equipment						
108764	Clean Terminal Unit - Non-Powered	EA	\$95.60	\$21.03	\$0.00	\$116.63
108765	Clean Terminal Unit - Powered	EA	\$119.29	\$26.28	\$0.00	\$145.57
108766	Refurbish Terminal Unit - Powered	EA	\$201.00	\$105.14	\$0.00	\$306.14
23-05-00 Common Work Results for HVAC						
23-05-05 Selective Demolition for Heating, Ventilating, and Air Conditioning (HVAC)						
• Demolition/Removal costs exclude any salvage value.						
• HVAC Equipment and Terminal Unit Demolition/Removal costs exclude piping, ductwork, hook-ups, and electrical connections.						
108767	HVAC Hydronic Systems - Temporary Shut-Down and Start-Up Includes Drain and Fill of All Hydronic Systems	HR	\$58.88	\$2.91	\$0.00	\$61.79
108768	Remove Fuel Oil Tank - 249 GAL & Dn Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$191.36	\$164.56	\$0.00	\$355.92
108769	Remove Fuel Oil Tank - 250 To 499 GAL Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$303.82	\$182.85	\$0.00	\$486.67
108770	Remove Fuel Oil Tank - 500 To 999 GAL Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$482.23	\$280.37	\$0.00	\$762.60
108771	Remove Fuel Oil Tank - 1,000 To 4,999 GAL Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$765.44	\$719.21	\$0.00	\$1,484.65

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		Units	Labor	Material	Equipment	Total
108772	Remove Fuel Oil Tank - 5,000 to 14,999 GAL Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$1,354.24	\$2,133.25	\$0.00	\$3,487.49
108773	Remove Fuel Oil Tank - 15,000 to 29,999 GAL Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$1,884.16	\$4,010.51	\$0.00	\$5,894.67
108774	Remove Fuel Oil Tank - 30,000 to 50,000 GAL Includes Hold Down Straps, Anchor Bolts & Saddles. Excludes Excavate & Backfill, Foundations, Fuel Oil Removal, Contaminated Soil Removal & Rigging Equipment	EA	\$2,826.24	\$7,789.41	\$0.00	\$10,615.65
108775	Remove Fuel Oil Tank Accessories - Under 2,500 GAL Overfill Assembly, Manholes, Spill Container, Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$453.38	\$0.00	\$0.00	\$453.38
108776	Remove Fuel Oil Tank Accessories - 2,500 to 14,999 GAL Overfill Assembly, Manholes, Spill Container, Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$1,148.16	\$0.00	\$0.00	\$1,148.16
108777	Remove Fuel Oil Tank Accessories - 15,000 GAL & Up Overfill Assembly, Manholes, Spill Container, Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$1,884.16	\$0.00	\$0.00	\$1,884.16
108778	Remove Fuel Oil From Tank Includes Vacuum Pump Truck and Tanker. Excludes Sludge Removal, Flushing and Cleaning.	GAL	\$0.06	\$0.00	\$0.91	\$0.97
108779	Remove Fuel Oil Sludge and Flush System Includes Removal and Disposal of Remaining Sludge Contents from Tank Bottom. Excludes Draining Fuel Oil Tank. Quantity to be Calculated Based on Roughly 15% of Total Tank Capacity.	GAL	\$0.61	\$1.43	\$0.00	\$2.04
108780	Remove Fuel Oil Pump - Simplex	EA	\$353.28	\$0.00	\$0.00	\$353.28

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		Units	Labor	Material	Equipment	Total
108781	Remove Fuel Oil Pump - Duplex	EA	\$529.92	\$0.00	\$0.00	\$529.92
108782	Remove Natural Gas Meter - 2" & Dn	EA	\$52.41	\$0.00	\$0.00	\$52.41
108783	Remove Natural Gas Meter - 2-1/2" to 6"	EA	\$149.56	\$0.00	\$0.00	\$149.56
108784	Remove Natural Gas Pressure Regulator - 2" & Dn	EA	\$81.85	\$0.00	\$0.00	\$81.85
108785	Remove Natural Gas Pressure Regulator - 2-1/2" to 6"	EA	\$239.05	\$0.00	\$0.00	\$239.05
108786	Remove Boiler - Up To 1,000 MBH Hot Water or Steam and All Boiler Types.	EA	\$565.25	\$414.46	\$0.00	\$979.71
108787	Remove Boiler - 1,001 To 2,500 MBH Hot Water or Steam and All Boiler Types.	EA	\$1,130.50	\$615.60	\$0.00	\$1,746.10
108788	Remove Boiler - 2,501 MBH to 5,000 MBH Hot Water or Steam and All Boiler Types.	EA	\$1,766.40	\$3,084.07	\$0.00	\$4,850.47
108789	Remove Boiler - 5,001 MBH to 7,500 MBH Hot Water or Steam and All Boiler Types.	EA	\$3,002.88	\$5,162.46	\$0.00	\$8,165.34
108790	Remove Boiler Flue - Up to 24" Single Wall or Double Wall	LF	\$44.16	\$0.00	\$0.00	\$44.16
108791	Remove Heat Exchanger - Up to 750 MBH Shell & Tube or Plate & Frame	EA	\$264.96	\$146.28	\$0.00	\$411.24
108792	Remove Heat Exchanger - 751 to 5,000 MBH Shell & Tube or Plate & Frame	EA	\$353.28	\$329.13	\$0.00	\$682.41
108793	Remove Heat Exchanger - 5,001 to 12,000 MBH Shell & Tube or Plate & Frame	EA	\$529.92	\$646.07	\$0.00	\$1,175.99
108794	Remove Steam Pressure Reducing Valve (PRV) / Station - 2-1/2" Diameter Includes All Associated Fittings, Valves And Specialties.	EA	\$1,825.28	\$0.00	\$0.00	\$1,825.28
108795	Remove Steam Pressure Reducing Valve (PRV) / Station - 4" Diameter Includes All Associated Fittings, Valves And Specialties.	EA	\$2,590.72	\$0.00	\$0.00	\$2,590.72
108796	Remove Steam Pressure Reducing Valve (PRV) / Station - 6" Diameter Includes All Associated Fittings, Valves And Specialties.	EA	\$3,473.92	\$0.00	\$0.00	\$3,473.92
108797	Remove Steam Pressure Reducing Valve (PRV) / Station - 8" Diameter Includes All Associated Fittings, Valves And Specialties.	EA	\$4,121.60	\$0.00	\$0.00	\$4,121.60
108798	Remove Steam Condensate Pump & Receiver - Under 100 Gallon	EA	\$353.28	\$0.00	\$0.00	\$353.28

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		Units	Labor	Material	Equipment	Total
108799	Remove Steam Condensate Pump & Receiver - 101 to 500 Gallon	EA	\$747.78	\$0.00	\$0.00	\$747.78
108800	Remove Clean Steam Generator - Up to 1,000 #/Hr	EA	\$353.28	\$0.00	\$0.00	\$353.28
108801	Remove Geothermal Field or Well - Closed Loop Per foot of depth.	LF	\$7.24	\$0.00	\$0.00	\$7.24
108802	Remove Chiller - Air Cooled Under 100 Ton	EA	\$1,059.84	\$1,158.05	\$0.00	\$2,217.89
108803	Remove Chiller - Air Cooled 100 To 199 Ton	EA	\$1,413.12	\$2,157.63	\$0.00	\$3,570.75
108804	Remove Chiller - Air Cooled 200 To 349 Ton	EA	\$1,589.76	\$3,596.05	\$0.00	\$5,185.81
108805	Remove Chiller - Air Cooled 350 to 500 Ton	EA	\$1,884.16	\$5,650.06	\$0.00	\$7,534.22
108806	Remove Chiller - Water Cooled Under 250 Ton	EA	\$1,000.96	\$2,054.02	\$0.00	\$3,054.98
108807	Remove Chiller - Water Cooled 250 To 499 Ton	EA	\$1,354.24	\$3,596.05	\$0.00	\$4,950.29
108808	Remove Chiller - Water Cooled 500 To 749 Ton	EA	\$1,884.16	\$7,192.10	\$0.00	\$9,076.26
108809	Remove Chiller - Water Cooled 750 To 1,000 Ton	EA	\$2,355.20	\$9,752.00	\$0.00	\$12,107.20
108810	Remove Cooling Tower - Open-Circuit 150 Ton & Dn	EA	\$1,589.76	\$609.50	\$0.00	\$2,199.26
108811	Remove Cooling Tower - Open-Circuit 151 to 500 Ton	EA	\$2,472.96	\$2,383.14	\$0.00	\$4,856.10
108812	Remove Cooling Tower - Open-Circuit 501 to 750 Ton	EA	\$4,945.92	\$4,516.40	\$0.00	\$9,462.32
108813	Remove Cooling Tower - Open-Circuit 751 to 1,000 Ton	EA	\$7,536.64	\$6,619.17	\$0.00	\$14,155.81
108814	Remove Cooling Tower - Closed-Circuit 100 Ton & Dn	EA	\$2,001.92	\$1,554.22	\$0.00	\$3,556.14
108815	Remove Cooling Tower - Closed-Circuit 101 to 250 Ton	EA	\$3,120.64	\$3,333.96	\$0.00	\$6,454.60
108816	Remove Cooling Tower - Closed-Circuit 251 to 500 Ton	EA	\$4,239.36	\$5,211.22	\$0.00	\$9,450.58
108817	Remove Cooling Tower - Closed-Circuit 501 to 750 Ton	EA	\$6,241.28	\$9,105.93	\$0.00	\$15,347.21
108818	Remove Cooling Tower - Closed-Circuit 751 to 1,000 Ton	EA	\$9,420.80	\$12,957.97	\$0.00	\$22,378.77
108819	Remove Refrigerant Condensing Unit - Under 10 Ton	EA	\$423.94	\$0.00	\$0.00	\$423.94
108820	Remove Refrigerant Condensing Unit - 10 to 24 Ton	EA	\$529.92	\$0.00	\$0.00	\$529.92
108821	Remove Refrigerant Condensing Unit - 25 to 49 Ton	EA	\$794.88	\$0.00	\$0.00	\$794.88
108822	Remove Refrigerant Condensing Unit - 50 to 100 Ton	EA	\$1,192.32	\$0.00	\$0.00	\$1,192.32
108823	Remove Refrigerant Condenser - Under 10 Ton	EA	\$206.08	\$0.00	\$0.00	\$206.08
108824	Remove Refrigerant Condenser - 10 to 49 Ton	EA	\$323.84	\$0.00	\$0.00	\$323.84
108825	Remove Refrigerant Condenser - 50 to 99 Ton	EA	\$794.88	\$0.00	\$0.00	\$794.88
108826	Remove Refrigerant Condenser - 100 to 249 Ton	EA	\$927.36	\$0.00	\$0.00	\$927.36
108827	Remove Refrigerant Condenser - 250 to 500 Ton	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84

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		Units	Labor	Material	Equipment	Total
108828	Remove & Recover HVAC Refrigerant - All Types	LB	\$11.78	\$0.00	\$0.00	\$11.78
108829	Remove Air Handling Unit, Makeup Air Unit, or Rooftop Unit (AHU/MAU/RTU) - Under 7,500 CFM	EA	\$824.32	\$390.08	\$0.00	\$1,214.40
108830	Remove Air Handling Unit, Makeup Air Unit, or Rooftop Unit (AHU/MAU/RTU) - 7,500 to 14,999 CFM	EA	\$2,237.44	\$658.26	\$0.00	\$2,895.70
108831	Remove Air Handling Unit, Makeup Air Unit, or Rooftop Unit (AHU/MAU/RTU) - 15,000 to 34,999 CFM	EA	\$3,356.16	\$1,158.05	\$0.00	\$4,514.21
108832	Remove Air Handling Unit, Makeup Air Unit, or Rooftop Unit (AHU/MAU/RTU) - 35,000 to 50,000 CFM	EA	\$4,239.36	\$1,633.46	\$0.00	\$5,872.82
108833	Remove Furnace - Residential Up to 150 MBH Includes Gas, Oil or Electric Furnace.	EA	\$158.98	\$0.00	\$0.00	\$158.98
108834	Remove Refrigerant Condensing Unit & DX Cooling Coil - Residential Up to 5 Ton	EA	\$185.47	\$0.00	\$0.00	\$185.47
108835	Remove Fan - Residential Bathroom or Attic	EA	\$44.16	\$0.00	\$0.00	\$44.16
108836	Remove Fan - General Under 5,000 CFM	EA	\$176.64	\$0.00	\$0.00	\$176.64
108837	Remove Fan - General 5,000 to 25,000 CFM	EA	\$412.16	\$0.00	\$0.00	\$412.16
108838	Remove Fan - Centrifugal/Axial Under 5,000 CFM	EA	\$353.28	\$0.00	\$0.00	\$353.28
108839	Remove Fan - Centrifugal/Axial 5,000 To 15,000 CFM	EA	\$706.56	\$0.00	\$0.00	\$706.56
108840	Remove Fan - Centrifugal/Axial 15,001 to 25,000 CFM	EA	\$1,118.72	\$0.00	\$0.00	\$1,118.72
108841	Remove Fan - Centrifugal/Axial 25,001 to 50,000 CFM	EA	\$1,589.76	\$0.00	\$0.00	\$1,589.76
108842	Remove Fan - High Plume Laboratory Exhaust Under 7,500 CFM	EA	\$471.04	\$0.00	\$0.00	\$471.04
108843	Remove Fan - High Plume Laboratory Exhaust 7,500 to 15,000 CFM	EA	\$824.32	\$0.00	\$0.00	\$824.32
108844	Remove Fan - High Plume Laboratory Exhaust 15,001 to 35,000 CFM	EA	\$1,413.12	\$0.00	\$0.00	\$1,413.12
108845	Remove Fan - High Plume Laboratory Exhaust 35,001 to 50,000 CFM	EA	\$2,355.20	\$0.00	\$0.00	\$2,355.20
108846	Remove Fan - High Plume Laboratory Exhaust w/Heat Recovery Under 7,500 CFM	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84
108847	Remove Fan - High Plume Laboratory Exhaust w/Heat Recovery 7,500 to 14,999 CFM	EA	\$1,472.00	\$0.00	\$0.00	\$1,472.00

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		Units	Labor	Material	Equipment	Total
108848	Remove Fan - High Plume Laboratory Exhaust w/Heat Recovery 15,000 to 34,999 CFM	EA	\$2,472.96	\$0.00	\$0.00	\$2,472.96
108849	Remove Fan - High Plume Laboratory Exhaust w/Heat Recovery 35,000 to 50,000 CFM	EA	\$3,415.04	\$0.00	\$0.00	\$3,415.04
108850	Remove Gravity Intake / Relief Vent - Up to 6,000 CFM	EA	\$235.52	\$0.00	\$0.00	\$235.52
108851	Remove Gravity Intake / Relief Vent - Over 6,000 CFM	CFM	\$0.03	\$0.00	\$0.00	\$0.03
108852	Remove Hood - Kitchen, Autoclave, Welding, Etc.	LF	\$58.88	\$0.00	\$0.00	\$58.88
108853	Remove Louver (Per SF)	SF	\$4.59	\$0.00	\$0.00	\$4.59
108854	Cap Duct - 18" x 18"	EA	\$37.10	\$15.44	\$0.00	\$52.54
108855	Cap Duct - 36" x 36"	EA	\$105.98	\$44.13	\$0.00	\$150.11
108856	Cap Duct - 54" x 54"	EA	\$190.77	\$79.24	\$0.00	\$270.01
108857	Cap Duct - 72" x 72"	EA	\$254.36	\$104.83	\$0.00	\$359.19
108858	Remove Ductwork & Insulation - 8" x 8", 8" ø, or Equal (Per LF) Includes Hangers, Fittings, Volume Dampers & Access Doors	LF	\$4.12	\$0.00	\$0.00	\$4.12
108859	Remove Ductwork & Insulation - 12" x 12", 12" ø, or Equal (Per LF) Includes Hangers, Fittings, Volume Dampers & Access Doors	LF	\$5.89	\$0.00	\$0.00	\$5.89
108860	Remove Ductwork & Insulation - 16" x 16", 16" ø, or Equal (Per LF) Includes Hangers, Fittings, Volume Dampers & Access Doors	LF	\$8.25	\$0.00	\$0.00	\$8.25
108861	Remove Ductwork & Insulation - 20" x 20", 20" ø, or Equal (Per LF) Includes Hangers, Fittings, Volume Dampers & Access Doors	LF	\$10.00	\$0.00	\$0.00	\$10.00
108862	Remove Ductwork & Insulation - 24" x 24", 24" ø, or Equal (Per LF) Includes Hangers, Fittings, Volume Dampers & Access Doors	LF	\$11.78	\$0.00	\$0.00	\$11.78
108863	Remove Ductwork & Insulation (Per Lb) Includes Hangers, Fittings, Volume Dampers & Access Doors	LB	\$0.94	\$0.00	\$0.00	\$0.94
108864	Remove Ductwork Insulation - Duct Wrap (Per SF) Includes Fittings. Not to be Combined with Ductwork Removal Items	SF	\$0.44	\$0.00	\$0.00	\$0.44
108865	Remove Ductwork Insulation - Duct Board (Per SF) Includes Fittings. Not to be Combined with Ductwork Removal Items	SF	\$0.74	\$0.00	\$0.00	\$0.74

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		Units	Labor	Material	Equipment	Total
108866	Remove Register, Grille or Diffuser - Up to 24" x 24"	EA	\$22.08	\$0.00	\$0.00	\$22.08
108867	Remove Register, Grille or Diffuser - Over 24" x 24" (Per SF)	SF	\$4.42	\$0.00	\$0.00	\$4.42
108868	Remove Register, Grille or Diffuser - Linear	LF	\$2.36	\$0.00	\$0.00	\$2.36
108869	Remove Operating Room Diffuser & Grid System Includes Diffusers, Ceiling Panels, Hangers & Grid	EA	\$3,532.80	\$0.00	\$0.00	\$3,532.80
108870	Remove Air Terminal Unit Includes All Duct Mounted Terminal Units - VAV Boxes, Reheat Coils, Etc.	EA	\$105.98	\$0.00	\$0.00	\$105.98
108871	Remove Duct Accessory - 24" x 24" & Dn Includes All Duct Mounted Accessories - Dampers, Sound Attenuators, Filters, Etc. Excludes Volume Dampers and Access Doors.	EA	\$38.27	\$0.00	\$0.00	\$38.27
108872	Remove Duct Accessory - 36" x 36" Includes All Duct Mounted Accessories - Dampers, Sound Attenuators, Filters, Etc. Excludes Volume Dampers and Access Doors.	EA	\$76.54	\$0.00	\$0.00	\$76.54
108873	Remove Duct Accessory - 48" x 48" & Up (Per SF) Includes All Duct Mounted Accessories - Dampers, Sound Attenuators, Filters, Etc. Excludes Volume Dampers and Access Doors.	SF	\$6.47	\$0.00	\$0.00	\$6.47
108874	Remove Terminal Unit - Fin Tube or Radiant Panel	LF	\$11.78	\$0.00	\$0.00	\$11.78
108875	Remove Terminal Unit - General Includes All Terminal Units Not Specifically Listed Otherwise - Unit Heaters, Convectors, Etc.	EA	\$147.20	\$0.00	\$0.00	\$147.20
108876	Remove Terminal Unit- Valance Unit	LF	\$14.72	\$0.00	\$0.00	\$14.72
108877	Remove Terminal Unit- Fan Coil Unit (FCU) Includes 2-Pipe & 4-Pipe Fan Coil Units	EA	\$176.64	\$0.00	\$0.00	\$176.64
108878	Remove Terminal Unit - Unit Ventilator	EA	\$309.12	\$0.00	\$0.00	\$309.12
108879	Remove Terminal Unit - Unit Ventilator Shelving	LF	\$14.72	\$0.00	\$0.00	\$14.72
108880	Remove Terminal Unit - Computer Room Air Conditioner (AC) Unit w/o Condenser - 20 Ton & Down	EA	\$471.04	\$0.00	\$0.00	\$471.04
108881	Remove Terminal Unit - Computer Air Conditioner (AC) Unit w/Condenser - 20 Ton & Dn	EA	\$1,059.84	\$0.00	\$0.00	\$1,059.84

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		Units	Labor	Material	Equipment	Total
108882	Remove Terminal Unit - Split System AC Unit - Up to 5 Ton Includes Indoor & Outdoor Units	EA	\$471.04	\$0.00	\$0.00	\$471.04
108883	Remove Terminal Unit - Thru-Wall AC Unit	EA	\$117.76	\$0.00	\$0.00	\$117.76
108884	Remove Terminal Unit - Window AC Unit	EA	\$88.32	\$0.00	\$0.00	\$88.32
108885	Remove Piping & Insulation - Plastic (All Types) 2" & Down Includes Hangers and Fittings	LF	\$11.19	\$0.00	\$0.00	\$11.19
108886	Remove Piping & Insulation - Plastic (All Types) 2-1/2" to 4" Includes Hangers and Fittings	LF	\$13.55	\$0.00	\$0.00	\$13.55
108887	Remove Piping & Insulation - Plastic (All Types) 6" to 10" Includes Hangers and Fittings	LF	\$16.49	\$0.00	\$0.00	\$16.49
108888	Remove Piping & Insulation - Copper 2" & Down Includes Hangers and Fittings	LF	\$6.47	\$0.00	\$0.00	\$6.47
108889	Remove Piping & Insulation - Copper 2-1/2" & Up Includes Hangers and Fittings	LF	\$7.66	\$0.00	\$0.00	\$7.66
108890	Remove Piping & Insulation - Steel 2" & Down Includes Hangers and Fittings	LF	\$5.89	\$0.00	\$0.00	\$5.89
108891	Remove Piping & Insulation - Steel 2-1/2" To 6" Includes Hangers and Fittings	LF	\$11.19	\$0.00	\$0.00	\$11.19
108892	Remove Piping & Insulation - Steel 8" To 12" Includes Hangers and Fittings	LF	\$19.44	\$0.00	\$0.00	\$19.44
108893	Remove Piping & Insulation - Steel 14" To 18" Includes Hangers and Fittings	LF	\$26.20	\$0.00	\$0.00	\$26.20
108894	Remove Piping & Insulation - Steel 20" To 24" Includes Hangers and Fittings	LF	\$30.91	\$0.00	\$0.00	\$30.91
108895	Remove Piping & Insulation - Double Wall Plastic Containment Pipe 2" & Down Includes Fittings	LF	\$4.12	\$0.00	\$0.00	\$4.12
108896	Remove Piping & Insulation - Pre-Insulated System - 2" & Down Includes Carrier Pipe, Insulation, Conduit, and Fittings	LF	\$14.13	\$0.00	\$0.00	\$14.13
108897	Remove Piping & Insulation - Pre-Insulated System - 2-1/2" to 6" Includes Carrier Pipe, Insulation, Conduit, and Fittings	LF	\$22.97	\$0.00	\$0.00	\$22.97
108898	Remove Piping & Insulation - Pre-Insulated System - 8" to 12" Includes Carrier Pipe, Insulation, Conduit, and Fittings	LF	\$37.97	\$0.00	\$0.00	\$37.97
108899	Remove Piping Valve or Specialty - Up To 2" Shut-Off Valves, Strainers, Balancing Valves, Control Valves, etc.	EA	\$36.80	\$0.00	\$0.00	\$36.80

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		Units	Labor	Material	Equipment	Total
108900	Remove Piping Valve or Specialty - 2-1/2" To 6" Shut-Off Valves, Strainers, Balancing Valves, Control Valves, etc.	EA	\$73.60	\$0.00	\$0.00	\$73.60
108901	Remove Piping Valve or Specialty - 8" To 12" Shut-Off Valves, Strainers, Balancing Valves, Control Valves, etc.	EA	\$94.21	\$0.00	\$0.00	\$94.21
108902	Remove Piping Insulation - 2" & Dn Includes Fittings. Not to be Combined with Piping Removal Items.	LF	\$1.47	\$0.00	\$0.00	\$1.47
108903	Remove Piping Insulation - 2-1/2" To 6" Includes Fittings. Not to be Combined with Piping Removal Items.	LF	\$2.47	\$0.00	\$0.00	\$2.47
108904	Remove Piping Insulation - 8" To 12" Includes Fittings. Not to be Combined with Piping Removal Items.	LF	\$4.59	\$0.00	\$0.00	\$4.59
108905	Remove Pump - Under 5 HP Includes All Types Except Packaged (Skid) Pumping Systems	EA	\$222.57	\$0.00	\$0.00	\$222.57
108906	Remove Pump - 5 to 20 HP Includes All Types Except Packaged (Skid) Pumping Systems	EA	\$353.28	\$0.00	\$0.00	\$353.28
108907	Remove Pump - 25 To 60 HP Includes All Types Except Packaged (Skid) Pumping Systems	EA	\$1,118.72	\$0.00	\$0.00	\$1,118.72
108908	Remove Pump - 75 HP to 150 HP Includes All Types Except Packaged (Skid) Pumping Systems	EA	\$2,237.44	\$0.00	\$0.00	\$2,237.44
108909	Remove Air/Dirt Separator - 2" & Dn	EA	\$21.19	\$0.00	\$0.00	\$21.19
108910	Remove Air/Dirt Separator - 2-1/2" to 6"	EA	\$82.43	\$0.00	\$0.00	\$82.43
108911	Remove Air/Dirt Separator - 8" to 12"	EA	\$206.08	\$0.00	\$0.00	\$206.08
108912	Remove Air/Dirt Separator - 14" to 18"	EA	\$353.28	\$0.00	\$0.00	\$353.28
108913	Remove Air/Dirt Separator - 20" to 24"	EA	\$500.48	\$0.00	\$0.00	\$500.48
108914	Remove Expansion Tank - Up to 250 Gal	EA	\$132.48	\$0.00	\$0.00	\$132.48
108915	Remove Expansion Tank - 251 to 750 Gal	EA	\$282.62	\$0.00	\$0.00	\$282.62
108916	Remove Expansion Tank - 751 to 1,500 Gal	EA	\$441.60	\$0.00	\$0.00	\$441.60
108917	Remove Temperature Controls Per Point	PT	\$63.60	\$0.00	\$0.00	\$63.60

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		Units	Labor	Material	Equipment	Total
23-05-13	Common Motor Requirements for HVAC Equipment					
108918	1 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$105.93	\$2,706.18	\$0.00	\$2,812.11
108919	2 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$113.77	\$3,065.78	\$0.00	\$3,179.55
108920	3 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$113.77	\$3,336.40	\$0.00	\$3,450.17
108921	5 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$125.55	\$3,680.16	\$0.00	\$3,805.71
108922	7-1/2 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$153.01	\$4,008.07	\$0.00	\$4,161.08
108923	10 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$156.93	\$4,335.98	\$0.00	\$4,492.91
108924	15 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$176.55	\$5,266.08	\$0.00	\$5,442.63

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		Units	Labor	Material	Equipment	Total
108925	20 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$200.09	\$6,397.31	\$0.00	\$6,597.40
108926	25 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$219.70	\$7,832.08	\$0.00	\$8,051.78
108927	30 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$247.16	\$8,962.09	\$0.00	\$9,209.25
108928	40 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$286.40	\$10,511.44	\$0.00	\$10,797.84
108929	50 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$349.16	\$13,345.61	\$0.00	\$13,694.77
108930	60 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$388.40	\$15,588.57	\$0.00	\$15,976.97
108931	75 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$549.25	\$17,440.23	\$0.00	\$17,989.48

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		Units	Labor	Material	Equipment	Total
108932	100 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$627.72	\$21,171.59	\$0.00	\$21,799.31
108933	125 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$639.48	\$25,432.00	\$0.00	\$26,071.48
108934	150 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$725.80	\$29,415.69	\$0.00	\$30,141.49
108935	200 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$1,059.28	\$38,515.52	\$0.00	\$39,574.80
108936	250 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$1,176.97	\$41,075.42	\$0.00	\$42,252.39
108937	300 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$1,255.43	\$47,778.70	\$0.00	\$49,034.13
108938	350 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$1,412.36	\$53,341.00	\$0.00	\$54,753.36

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		Units	Labor	Material	Equipment	Total
108939	400 HP Variable Frequency / Speed Drive (VFD / VSD) ABB ACH580-PDR Series or Equal. NEMA 1 Rating w/Disconnect. Labor Includes Mounting Only. Excludes Electrical Connections and Controls.	EA	\$1,569.29	\$60,900.02	\$0.00	\$62,469.31
23-05-16 Expansion Fittings and Loops for HVAC Piping						
108940	Pipe Expansion Joint - 3/4" To 2"	EA	\$163.42	\$557.33	\$0.00	\$720.75
108941	Pipe Expansion Joint - 2-1/2" To 8"	EA	\$1,063.01	\$843.73	\$0.00	\$1,906.74
108942	Pipe Expansion Joint - 10" To 14"	EA	\$2,227.34	\$1,408.80	\$0.00	\$3,636.14
108943	Pipe Guide Or Anchor- 3/4" To 2"	EA	\$204.27	\$213.64	\$0.00	\$417.91
108944	Pipe Guide Or Anchor- 2-1/2" To 8"	EA	\$284.34	\$295.69	\$0.00	\$580.03
108945	Pipe Guide Or Anchor- 10" To 14"	EA	\$349.70	\$650.21	\$0.00	\$999.91
108946	Paint Pipe/Ductwork 2 Coats	SF	\$0.99	\$0.29	\$0.00	\$1.28
23-05-19 Meters and Gauges for HVAC Piping						
108947	Thermometer - Aluminum Stem, Up To 6" Adjustable Angle Stem, 9" Scale. 30° to 240° F.	EA	\$137.26	\$62.29	\$0.00	\$199.55
108948	Thermometer - Aluminum Stem, 8" To 12" Adjustable Angle Stem, 9" Scale. 30° to 240° F.	EA	\$137.26	\$190.46	\$0.00	\$327.72
108949	Thermometer - Brass Stem, Up To 6" Adjustable Angle Stem, Lead Free, 9" Scale. 30° to 240° F.	EA	\$137.26	\$193.82	\$0.00	\$331.08
108950	Thermometer - Brass Stem, 8" To 12" Adjustable Angle Stem, Lead Free, 9" Scale. 30° to 240° F.	EA	\$137.26	\$295.00	\$0.00	\$432.26
108951	Thermometer - Stainless Steel Stem, Up To 6" Adjustable Angle Stem, 9" Scale. 30° to 240° F.	EA	\$137.26	\$313.28	\$0.00	\$450.54
108952	Thermometer - Stainless Steel Stem, 8" To 12" Adjustable Angle Stem, 9" Scale. 30° to 240° F.	EA	\$137.26	\$465.66	\$0.00	\$602.92
108953	Thermowell - Brass, Up To 6" 3/4" NPT, Up To 575 PSI. Excludes Lagging Extension.	EA	\$68.63	\$20.72	\$0.00	\$89.35
108954	Thermowell - Brass, Up To 12" 1" NPT, Up To 575 PSI. Excludes Lagging Extension.	EA	\$68.63	\$293.78	\$0.00	\$362.41
108955	Thermowell - 304 Stainless Steel, Up To 6" 3/4" NPT, Up To 850 PSI. Excludes Lagging Extension.	EA	\$68.63	\$141.40	\$0.00	\$210.03
108956	Thermowell - 304 Stainless Steel, Up To 12" 1" NPT, Up To 850 PSI. Excludes Lagging Extension.	EA	\$68.63	\$320.60	\$0.00	\$389.23

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		Units	Labor	Material	Equipment	Total
108957	Pressure Gauge - Brass, Up To 2-1/2" Dial 1/4" NPT, 0 To 100 PSI, Back Or Lower Mount.	EA	\$68.63	\$20.72	\$0.00	\$89.35
108958	Pressure Gauge - Brass, 4" Dial 1/4" NPT, 0 To 100 PSI, Back Or Lower Mount.	EA	\$68.63	\$54.86	\$0.00	\$123.49
108959	Pressure Gauge - 304 Stainless Steel, Up To 2-1/2" Dial 1/4" NPT, 0 To 100 PSI, Back Or Lower Mount.	EA	\$68.63	\$52.42	\$0.00	\$121.05
108960	Pressure Gauge - 304 Stainless Steel, 4" Dial 1/4" NPT, 0 To 100 PSI, Back Or Lower Mount.	EA	\$68.63	\$70.70	\$0.00	\$139.33
23-05-23 General-Duty Valves for HVAC Piping						
108961	1/2" Natural Gas Solenoid Valve	EA	\$178.12	\$151.16	\$0.00	\$329.28
108962	3/4" Natural Gas Solenoid Valve	EA	\$207.54	\$232.83	\$0.00	\$440.37
108963	1" Natural Gas Solenoid Valve	EA	\$245.12	\$466.88	\$0.00	\$712.00
108964	1-1/4" Natural Gas Solenoid Valve	EA	\$296.60	\$565.62	\$0.00	\$862.22
108965	1-1/2" Natural Gas Solenoid Valve	EA	\$322.75	\$693.61	\$0.00	\$1,016.36
108966	2" Natural Gas Solenoid Valve	EA	\$408.54	\$791.13	\$0.00	\$1,199.67
108967	2-1/2" Natural Gas Solenoid Valve	EA	\$460.01	\$988.61	\$0.00	\$1,448.62
108968	3" Natural Gas Solenoid Valve	EA	\$567.87	\$1,187.31	\$0.00	\$1,755.18
108969	3/4" Natural Gas Earthquake Shut-Off Valve	EA	\$120.11	\$163.35	\$0.00	\$283.46
108970	1" Natural Gas Earthquake Shut-Off Valve	EA	\$138.90	\$181.63	\$0.00	\$320.53
108971	1-1/4" Natural Gas Earthquake Shut-Off Valve	EA	\$156.88	\$199.92	\$0.00	\$356.80
108972	1-1/2" Natural Gas Earthquake Shut-Off Valve	EA	\$176.49	\$230.39	\$0.00	\$406.88
108973	2" Natural Gas Earthquake Shut-Off Valve	EA	\$201.00	\$449.81	\$0.00	\$650.81
108974	2-1/2" Natural Gas Earthquake Shut-Off Valve	EA	\$247.57	\$967.89	\$0.00	\$1,215.46
108975	3" Natural Gas Earthquake Shut-Off Valve	EA	\$247.57	\$1,278.73	\$0.00	\$1,526.30
108976	4" Natural Gas Earthquake Shut-Off Valve	EA	\$460.01	\$1,595.67	\$0.00	\$2,055.68
108977	6" Natural Gas Earthquake Shut-Off Valve	EA	\$670.82	\$3,070.66	\$0.00	\$3,741.48
108978	2-1/2" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$453.48	\$1,166.23	\$0.00	\$1,619.71
108979	3" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$504.14	\$1,270.05	\$0.00	\$1,774.19
108980	4" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$678.99	\$1,433.36	\$0.00	\$2,112.35
108981	5" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$822.79	\$1,999.57	\$0.00	\$2,822.36

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		Units	Labor	Material	Equipment	Total
108982	6" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$940.46	\$2,388.94	\$0.00	\$3,329.40
108983	8" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$1,166.78	\$3,351.64	\$0.00	\$4,518.42
108984	10" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$1,581.86	\$4,528.28	\$0.00	\$6,110.14
108985	12" Gate Valve- Iron Body, Class 250 Os&Y, Flanged.	EA	\$1,791.03	\$6,061.48	\$0.00	\$7,852.51
108986	1/2" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded.	EA	\$41.68	\$11.45	\$0.00	\$53.13
108987	3/4" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded.	EA	\$58.02	\$17.75	\$0.00	\$75.77
108988	1" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded.	EA	\$71.08	\$32.43	\$0.00	\$103.51
108989	1-1/4" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded.	EA	\$82.52	\$41.92	\$0.00	\$124.44
108990	1-1/2" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded.	EA	\$92.33	\$61.15	\$0.00	\$153.48
108991	2" Ball Valve- Brass, 600 PSI WOG Two Piece, Full Port, Threaded.	EA	\$111.12	\$95.85	\$0.00	\$206.97
108992	2-1/2" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$91.52	\$262.08	\$0.00	\$353.60
108993	3" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$92.33	\$288.90	\$0.00	\$381.23
108994	4" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$165.86	\$352.29	\$0.00	\$518.15
108995	5" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$203.45	\$498.57	\$0.00	\$702.02
108996	6" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$207.54	\$576.59	\$0.00	\$784.13
108997	8" Butterfly Valve- Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$230.41	\$798.44	\$0.00	\$1,028.85
108998	10" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$343.99	\$1,553.01	\$0.00	\$1,897.00
108999	12" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$419.16	\$2,132.03	\$0.00	\$2,551.19
109000	14" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$634.05	\$4,301.85	\$0.00	\$4,935.90
109001	16" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$753.34	\$6,251.03	\$0.00	\$7,004.37

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		Units	Labor	Material	Equipment	Total
109002	18" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$852.21	\$7,835.73	\$0.00	\$8,687.94
109003	20" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,029.51	\$10,466.33	\$0.00	\$11,495.84
109004	24" Butterfly Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,290.16	\$17,787.65	\$0.00	\$19,077.81
109005	1/2" Check Valve	EA	\$49.84	\$107.81	\$0.00	\$157.65
109006	3/4" Check Valve	EA	\$68.63	\$124.65	\$0.00	\$193.28
109007	1" Check Valve	EA	\$83.34	\$172.81	\$0.00	\$256.15
109008	1-1/4" Check Valve	EA	\$97.23	\$245.18	\$0.00	\$342.41
109009	1-1/2" Check Valve	EA	\$105.40	\$285.19	\$0.00	\$390.59
109010	2" Check Valve	EA	\$131.55	\$418.34	\$0.00	\$549.89
109011	2-1/2" Check Valve	EA	\$101.32	\$563.40	\$0.00	\$664.72
109012	3" Check Valve	EA	\$117.66	\$635.42	\$0.00	\$753.08
109013	4" Check Valve	EA	\$218.97	\$853.09	\$0.00	\$1,072.06
109014	1" and Down Circuit Setter Balance Valve	EA	\$93.97	\$86.43	\$0.00	\$180.40
109015	1-1/4" to 2" Circuit Setter Balance Valve	EA	\$127.47	\$265.61	\$0.00	\$393.08
109016	2-1/2" Circuit Setter Balance Valve	EA	\$145.44	\$878.70	\$0.00	\$1,024.14
109017	3" Circuit Setter Balance Valve	EA	\$158.52	\$1,342.86	\$0.00	\$1,501.38
109018	4" Circuit Setter Balance Valve	EA	\$296.60	\$2,077.51	\$0.00	\$2,374.11
109019	6" Circuit Setter Balance Valve	EA	\$437.95	\$3,999.77	\$0.00	\$4,437.72
109020	8" Circuit Setter Balance Valve	EA	\$446.12	\$7,921.11	\$0.00	\$8,367.23
109021	10" Circuit Setter Balance Valve	EA	\$586.66	\$11,122.20	\$0.00	\$11,708.86
109022	12" Circuit Setter Balance Valve	EA	\$697.79	\$24,214.68	\$0.00	\$24,912.47
23-05-85 Miscellaneous HVAC						
109023	Firestopping Pipe Penetration - Up to 5" Fireproofing size based on pipe outer diameter including insulation.	EA	\$47.18	\$23.16	\$0.00	\$70.34
109024	Firestopping Pipe Penetration - 6" to 12" Fireproofing size based on pipe outer diameter including insulation.	EA	\$57.95	\$46.32	\$0.00	\$104.27
109025	Firestopping Pipe Penetration - 14" to 24" Fireproofing size based on pipe outer diameter including insulation.	EA	\$107.61	\$82.89	\$0.00	\$190.50
109026	Inertia Base- 6" Thick Includes Concrete And Spring Isolators.	SF	\$12.42	\$23.95	\$0.00	\$36.37
109027	Inertia Base- 8" Thick Includes Concrete And Spring Isolators.	SF	\$16.56	\$31.94	\$0.00	\$48.50
109028	Inertia Base- 10" Thick Includes Concrete And Spring Isolators.	SF	\$20.70	\$39.92	\$0.00	\$60.62
109029	Inertia Base- 12" Thick Includes Concrete And Spring Isolators.	SF	\$24.83	\$47.91	\$0.00	\$72.74

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		Units	Labor	Material	Equipment	Total
109030	Plastic Equipment Pad, Up To 36" x 36" 3" High. DiversiTech EL-3636-3 Or Equal.	EA	\$38.92	\$106.00	\$0.00	\$144.92
109031	Firestopping Duct Penetration - 18" x 18" Fireproofing size based on outer dimensions of duct including insulation.	EA	\$110.09	\$53.15	\$0.00	\$163.24
109032	Firestopping Duct Penetration - 36" x 36" Fireproofing size based on outer dimensions of duct including insulation.	EA	\$165.55	\$153.59	\$0.00	\$319.14
109033	Firestopping Duct Penetration - 48" x 48" & Up Fireproofing size based on outer dimensions of duct including insulation.	SF	\$20.70	\$9.75	\$0.00	\$30.45
109034	Refrigerant - R22 Charge Equipment or System	LB	\$16.34	\$34.10	\$0.00	\$50.44
109035	Refrigerant - R404A Charge Equipment or System	LB	\$16.34	\$20.26	\$0.00	\$36.60
109036	Refrigerant - R134A, R407C, or R410A Charge Equipment or System	LB	\$16.34	\$13.63	\$0.00	\$29.97
109037	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 250 to 999 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$1,324.43	\$1,176.34	\$0.00	\$2,500.77
109038	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 1,000 to 2,499 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$1,821.09	\$1,566.42	\$0.00	\$3,387.51
109039	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 2,500 to 4,999 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$2,483.31	\$2,072.30	\$0.00	\$4,555.61

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		Units	Labor	Material	Equipment	Total
109040	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 5,000 to 9,999 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$3,311.08	\$2,754.94	\$0.00	\$6,066.02
109041	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 10,000 to 19,999 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$4,635.51	\$3,665.53	\$0.00	\$8,301.04
109042	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 20,000 to 34,999 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$6,456.61	\$4,876.00	\$0.00	\$11,332.61
109043	Temporary HVAC Equipment Mobilization, Setup & Demobilization - 35,000 to 49,999 LBS Includes all Labor, Material and Equipment (Truck, Trailer, Crane, etc.) to Deliver, Unload, Setup, Connect Mechanical and Electrical Services (within 25'), Disassemble and Pickup (Within 30 Miles)	EA	\$8,691.58	\$6,483.86	\$0.00	\$15,175.44
109044	Temporary Mobile HEPA Containment Cart System Rental	WK	\$0.00	\$946.76	\$0.00	\$946.76
109045	Temporary Evaporative Cooling Fan Rental - Up to 48"	WK	\$0.00	\$469.32	\$0.00	\$469.32
109046	Temporary Portable Spot Cooler or Dehumidifier Rental - Under 2 TON	WK	\$0.00	\$558.70	\$0.00	\$558.70
109047	Temporary Portable Spot Cooler or Dehumidifier Rental - 3-1/2 TON	WK	\$0.00	\$1,078.82	\$0.00	\$1,078.82
109048	Temporary Portable Spot Cooler or Dehumidifier Rental - 5 TON	WK	\$0.00	\$1,511.56	\$0.00	\$1,511.56
109049	Temporary Air Scrubber, Air Purifier, or Negative Air Machine w/HEPA Filtration Rental - Under 1,000 CFM	WK	\$0.00	\$292.56	\$0.00	\$292.56

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		Units	Labor	Material	Equipment	Total
109050	Temporary Air Scrubber, Air Purifier, or Negative Air Machine w/HEPA Filtration Rental - 1,000 to 2,499 CFM	WK	\$0.00	\$381.95	\$0.00	\$381.95
109051	Temporary Air Scrubber, Air Purifier, or Negative Air Machine w/HEPA Filtration Rental - 2,500 to 5,000 CFM	WK	\$0.00	\$469.32	\$0.00	\$469.32
109052	Temporary Packaged DX Air Conditioning Unit Rental - Under 5 TON	WK	\$0.00	\$213.32	\$0.00	\$213.32
109053	Temporary Packaged DX Air Conditioning Unit Rental - 5 to 9 TON	WK	\$0.00	\$487.60	\$0.00	\$487.60
109054	Temporary Packaged DX Air Conditioning Unit Rental - 10 to 19 TON	WK	\$0.00	\$1,054.03	\$0.00	\$1,054.03
109055	Temporary Packaged DX Air Conditioning Unit Rental - 20 to 29 TON	WK	\$0.00	\$1,317.34	\$0.00	\$1,317.34
109056	Temporary Packaged DX Air Conditioning Unit Rental - 30 to 39 TON	WK	\$0.00	\$1,580.64	\$0.00	\$1,580.64
109057	Temporary Packaged DX Air Conditioning Unit Rental - 40 to 49 TON	WK	\$0.00	\$2,349.01	\$0.00	\$2,349.01
109058	Temporary Chilled Water Air Handling Unit Rental - Under 1,000 CFM	WK	\$0.00	\$331.57	\$0.00	\$331.57
109059	Temporary Chilled Water Air Handling Unit Rental - 1,000 to 2,499 CFM	WK	\$0.00	\$457.53	\$0.00	\$457.53
109060	Temporary Chilled Water Air Handling Unit Rental - 2,500 to 5,000 CFM	WK	\$0.00	\$583.90	\$0.00	\$583.90
109061	Temporary Chilled Water Air Handling Unit Rental - 5,000 to 9,999 CFM	WK	\$0.00	\$900.44	\$0.00	\$900.44
109062	Temporary Chilled Water Air Handling Unit Rental - 10,000 to 19,999 CFM	WK	\$0.00	\$1,320.58	\$0.00	\$1,320.58
109063	Temporary Chilled Water Air Handling Unit Rental - 20,000 to 29,999 CFM	WK	\$0.00	\$1,726.92	\$0.00	\$1,726.92
109064	Temporary Air Cooled Water Chiller Rental - Under 50 TON	WK	\$0.00	\$1,422.17	\$0.00	\$1,422.17
109065	Temporary Air Cooled Water Chiller Rental - 50 to 99 TON	WK	\$0.00	\$1,676.12	\$0.00	\$1,676.12
109066	Temporary Air Cooled Water Chiller Rental - 99 to 149 TON	WK	\$0.00	\$1,930.08	\$0.00	\$1,930.08
109067	Temporary Air Cooled Water Chiller Rental - 150 to 199 TON	WK	\$0.00	\$2,488.80	\$0.00	\$2,488.80
109068	Temporary Air Cooled Water Chiller Rental - 200 to 299 TON	WK	\$0.00	\$3,047.50	\$0.00	\$3,047.50
109069	Temporary Air Cooled Water Chiller Rental - 300 to 399 TON	WK	\$0.00	\$4,266.50	\$0.00	\$4,266.50
109070	Temporary Air Cooled Water Chiller Rental - 400 to 499 TON	WK	\$0.00	\$5,485.50	\$0.00	\$5,485.50
109071	Temporary Water Cooled Water Chiller Rental - 200 to 299 TON	WK	\$0.00	\$3,149.08	\$0.00	\$3,149.08

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		Units	Labor	Material	Equipment	Total
109072	Temporary Water Cooled Water Chiller Rental - 300 to 399 TON	WK	\$0.00	\$3,961.75	\$0.00	\$3,961.75
109073	Temporary Water Cooled Water Chiller Rental - 400 to 499 TON	WK	\$0.00	\$4,825.20	\$0.00	\$4,825.20
109074	Temporary Water Cooled Water Chiller Rental - 500 to 599 TON	WK	\$0.00	\$5,688.67	\$0.00	\$5,688.67
109075	Temporary Cooling Tower Rental - 200 to 299 TON	WK	\$0.00	\$1,726.92	\$0.00	\$1,726.92
109076	Temporary Cooling Tower Rental - 300 to 399 TON	WK	\$0.00	\$2,092.62	\$0.00	\$2,092.62
109077	Temporary Cooling Tower Rental - 400 to 499 TON	WK	\$0.00	\$2,641.17	\$0.00	\$2,641.17
109078	Temporary Cooling Tower Rental - 500 to 599 TON	WK	\$0.00	\$3,047.50	\$0.00	\$3,047.50
109079	Temporary Hot Water Boiler Rental - Under 1,000 MBH Skid Mounted, Natural Gas Fired w/ All Standard Boiler Trim and Controls	WK	\$0.00	\$1,950.40	\$0.00	\$1,950.40
109080	Temporary Hot Water Boiler Rental - 1,000 to 2,999 MBH Skid Mounted, Natural Gas Fired w/ All Standard Boiler Trim and Controls	WK	\$0.00	\$2,234.83	\$0.00	\$2,234.83
109081	Temporary Hot Water Boiler Rental - 3,000 to 5,999 MBH Skid Mounted, Natural Gas Fired w/ All Standard Boiler Trim and Controls	WK	\$0.00	\$2,641.17	\$0.00	\$2,641.17
109082	Temporary Hot Water Boiler Rental - 6,000 to 7,499 MBH Skid Mounted, Natural Gas Fired w/ All Standard Boiler Trim and Controls	WK	\$0.00	\$3,250.67	\$0.00	\$3,250.67
109083	Temporary Steam Boiler Rental - Under 50 HP Skid Mounted w/ Feed Water System (Including Tank and Pump), Dual Fuel Burner, All Standard Boiler Trim, and Controls	WK	\$0.00	\$2,559.90	\$0.00	\$2,559.90
109084	Temporary Steam Boiler Rental - 50 to 99 HP Skid Mounted w/ Feed Water System (Including Tank and Pump), Dual Fuel Burner, All Standard Boiler Trim, and Controls	WK	\$0.00	\$3,799.22	\$0.00	\$3,799.22
109085	Temporary Steam Boiler Plant Rental - 100 to 199 HP Mobile Steam Plant in Enclosed Trailer w/ Feed Water System, Deaerator (Or Heated Storage/Condensatereturn Tank), Pumps, Water Softener, Chemical Injection, Blowdown Separator, Dual Fuel Burner, All Standard Boiler Trim, and Controls	WK	\$0.00	\$5,038.53	\$0.00	\$5,038.53

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		Units	Labor	Material	Equipment	Total
109086	Temporary Steam Boiler Plant Rental - 200 to 299 HP Mobile Steam Plant in Enclosed Trailer w/ Feed Water System, Deaerator (Or Heated Storage/Condensatereturn Tank), Pumps, Water Softener, Chemical Injection, Blowdown Separator, Dual Fuel Burner, All Standard Boiler Trim, and Controls	WK	\$0.00	\$6,095.00	\$0.00	\$6,095.00
109087	Temporary Steam Boiler Plant Rental - 300 to 399 HP Mobile Steam Plant in Enclosed Trailer w/ Feed Water System, Deaerator (Or Heated Storage/Condensatereturn Tank), Pumps, Water Softener, Chemical Injection, Blowdown Separator, Dual Fuel Burner, All Standard Boiler Trim, and Controls	WK	\$0.00	\$7,110.83	\$0.00	\$7,110.83
109088	Temporary Fuel Oil Tank Rental- Under 500 GAL Single Wall	WK	\$0.00	\$487.60	\$0.00	\$487.60
109089	Temporary Fuel Oil Tank Rental- 500 to 999 GAL Double Wall	WK	\$0.00	\$1,023.96	\$0.00	\$1,023.96
109090	Temporary Fuel Oil Tank Rental- 1,000 to 1,999 GAL Double Wall	WK	\$0.00	\$1,667.99	\$0.00	\$1,667.99
109091	Temporary Fuel Oil Tank Rental- 2,000 to 2,999 GAL Double Wall	WK	\$0.00	\$2,307.97	\$0.00	\$2,307.97
109092	Temporary Fuel Oil Tank Rental- 3,000 to 3,999 GAL Double Wall	WK	\$0.00	\$2,884.97	\$0.00	\$2,884.97
109093	Temporary Fuel Oil Tank Rental- 4,000 to 4,999 GAL Double Wall	WK	\$0.00	\$3,461.96	\$0.00	\$3,461.96
109094	Temporary Fuel Oil Tank Rental- 5,000 to 7,499 GAL Double Wall	WK	\$0.00	\$4,036.93	\$0.00	\$4,036.93
109095	Temporary Fuel Oil Tank Rental- 7,500 to 9,999 GAL	WK	\$0.00	\$4,613.92	\$0.00	\$4,613.92
109096	Seismic Restraints Allowance (SF)	SF	\$0.20	\$0.33	\$0.00	\$0.53
109097	Seismic Restraints Allowance - California (SF)	SF	\$0.76	\$1.32	\$0.00	\$2.08
23-05-93 Testing, Adjusting, and Balancing for HVAC						
109098	Chilled Water Pump Water Balance	EA	\$353.10	\$0.00	\$0.00	\$353.10
109099	Duct Pressure Test	EA	\$156.93	\$0.00	\$0.00	\$156.93
109100	Fan Air Balance	EA	\$274.63	\$0.00	\$0.00	\$274.63
109101	Air Terminal Unit Air Balance All Vav Box Types.	EA	\$117.69	\$0.00	\$0.00	\$117.69
109102	Chilled Beam Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109103	Fume Hood Terminal Unit Air Balance	EA	\$392.32	\$0.00	\$0.00	\$392.32

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		Units	Labor	Material	Equipment	Total
109104	Registers, Grilles & Diffusers Air Balance	EA	\$78.46	\$0.00	\$0.00	\$78.46
109105	Reheat Coil Water Balance	EA	\$117.69	\$0.00	\$0.00	\$117.69
109106	Chilled Beam Water Balance	EA	\$74.54	\$0.00	\$0.00	\$74.54
109107	Cooling Coil Water Balance	EA	\$86.31	\$0.00	\$0.00	\$86.31
109108	Boiler Water Balance	EA	\$156.93	\$0.00	\$0.00	\$156.93
109109	Heat Exchanger (HX) Water Balance - Hot Water	EA	\$137.31	\$0.00	\$0.00	\$137.31
109110	Heat Exchanger (HX) Water Balance - Chilled Water	EA	\$235.39	\$0.00	\$0.00	\$235.39
109111	Chiller Water Balance	EA	\$470.79	\$0.00	\$0.00	\$470.79
109112	Cooling Tower Water Balance	EA	\$313.86	\$0.00	\$0.00	\$313.86
109113	Fluid Cooler Water Balance	EA	\$156.93	\$0.00	\$0.00	\$156.93
109114	Heat Recovery Coil Air Balance	EA	\$78.46	\$0.00	\$0.00	\$78.46
109115	Air Handling Unit (AHU) Air Balance	EA	\$1,255.43	\$0.00	\$0.00	\$1,255.43
109116	Air Handling Unit (AHU) Water Balance Hw & Cw Coil	EA	\$392.32	\$0.00	\$0.00	\$392.32
109117	VRF Unit Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109118	Computer AC Unit Air Balance	EA	\$78.46	\$0.00	\$0.00	\$78.46
109119	Heat Pump Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109120	Fan Coil Unit (FCU) Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109121	Unit Ventilator Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109122	Unit Heater Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109123	Air Curtain Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109124	Induction Unit Air Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109125	PTAC Unit Water Balance	EA	\$39.24	\$0.00	\$0.00	\$39.24
109126	Heat Pump Water Balance	EA	\$78.46	\$0.00	\$0.00	\$78.46
109127	2-Pipe Valance System Water Balance	EA	\$62.77	\$0.00	\$0.00	\$62.77
109128	4-Pipe Valance System Water Balance	EA	\$117.69	\$0.00	\$0.00	\$117.69
109129	2-Pipe Fan Coil Unit (FCU) Water Balance	EA	\$78.46	\$0.00	\$0.00	\$78.46
109130	4-Pipe Fan Coil Unit (FCU) Water Balance	EA	\$149.09	\$0.00	\$0.00	\$149.09
109131	Unit Ventilator Water Balance	EA	\$78.46	\$0.00	\$0.00	\$78.46
109132	Unit Heater Water Balance	EA	\$54.92	\$0.00	\$0.00	\$54.92
109133	Convactor Water Balance	EA	\$47.08	\$0.00	\$0.00	\$47.08
109134	Air Curtain Water Balance	EA	\$47.08	\$0.00	\$0.00	\$47.08
109135	Fin Tube Water Balance	EA	\$54.92	\$0.00	\$0.00	\$54.92
109136	Radiant Ceiling Panel Water Balance	EA	\$62.77	\$0.00	\$0.00	\$62.77
109137	Radiant Floor Heat Water Balance	EA	\$62.77	\$0.00	\$0.00	\$62.77
109138	Induction Unit Water Balance	EA	\$74.54	\$0.00	\$0.00	\$74.54
109139	Measure & Record Existing Balancing - Per Register, Grille or Diffuser	EA	\$27.46	\$0.00	\$0.00	\$27.46

23-07-00 HVAC Insulation

- Piping and ductwork insulation includes factory applied all service jacket as required.
- Piping and ductwork insulation items include fittings.
- Sizes shown for piping insulation line items are based on nominal pipe sizes.

23-07-13 Duct Insulation

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		Units	Labor	Material	Equipment	Total
109140	2" Flexible Fiberglass Ductwork Insulation - 3/4# Density Foil Scrim Kraft (FSF) Jacket, Includes Fittings	SF	\$2.04	\$0.77	\$0.00	\$2.81
109141	2" Flexible Fiberglass Ductwork Insulation - 1-1/2# Density Foil Scrim Kraft (FSF) Jacket, Includes Fittings	SF	\$2.04	\$0.87	\$0.00	\$2.91
109142	1" Fiberglass Ductwork Liner w/ Coating Includes Fittings	SF	\$1.36	\$1.52	\$0.00	\$2.88
109143	1-1/2" Fiberglass Ductwork Liner w/ Coating Includes Fittings	SF	\$1.55	\$1.83	\$0.00	\$3.38
109144	2" Rigid Fiberglass Ductwork Insulation All Service Jacket, 6 Lbs/Ft3 Density, Includes Fittings	SF	\$3.38	\$2.93	\$0.00	\$6.31
109145	3" Rigid Fiberglass Ductwork Insulation w/ All Weather Acrylic Jacket White Vinyl Acrylic Mastic & Glass Cloth Membrane Reinforcement, 6 Lbs/Ft3 Density, Includes Fittings	SF	\$6.10	\$6.08	\$0.00	\$12.18
109146	3" Rigid Fiberglass Ductwork Insulation w/ All Weather Alumaguard Jacket Polyguard Alumaguard 60 or Equal Laminated Jacket System, 6 Lbs/Ft3 Density, Includes Fittings	SF	\$8.12	\$9.51	\$0.00	\$17.63
109147	1-1/2" Fire Rated Ductwork Insulation - Air Duct Unifrax Fyrewrap Elite 1.5 Or Equal, 1 Layer, Includes Fittings	SF	\$2.04	\$6.08	\$0.00	\$8.12
109148	3" Fire Rated Ductwork Insulation - Grease Duct Unifrax Fyrewrap Elite 1.5 Or Equal, 2 Layers, Includes Fittings	SF	\$3.55	\$12.18	\$0.00	\$15.73
23-07-19 HVAC Piping Insulation						
109149	Pipe Jacketing - PVC Cost Includes Fittings. SF of Jacketing = Total LF of Pipe * Outside Diameter of Pipe and Insulation (In Inches) * 0.262	SF	\$4.34	\$4.53	\$0.00	\$8.87
109150	Pipe Jacketing - Aluminum Cost Includes Fittings. SF of Jacketing = Total LF of Pipe * Outside Diameter of Pipe and Insulation (In Inches) * 0.262	SF	\$5.42	\$9.02	\$0.00	\$14.44
109151	1/2" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
109152	3/4" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
109153	1" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71

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		Units	Labor	Material	Equipment	Total
109154	1-1/4" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
109155	1-1/2" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.25	\$0.00	\$17.07
109156	2" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.87	\$0.00	\$17.69
109157	2-1/2" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$12.46	\$0.00	\$19.23
109158	3" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$13.65	\$0.00	\$20.42
109159	4" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$15.98	\$0.00	\$22.75
109160	5" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$20.16	\$0.00	\$27.88
109161	6" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$20.16	\$0.00	\$27.88
109162	8" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$36.12	\$0.00	\$47.69
109163	10" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$12.59	\$44.70	\$0.00	\$57.29
109164	12" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$14.48	\$48.86	\$0.00	\$63.34
109165	14" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$14.48	\$57.43	\$0.00	\$71.91
109166	16" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$16.44	\$72.53	\$0.00	\$88.97
109167	18" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$18.34	\$76.38	\$0.00	\$94.72
109168	20" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$18.34	\$88.22	\$0.00	\$106.56
109169	24" Hot Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$22.26	\$110.72	\$0.00	\$132.98
109170	1/2" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$7.85	\$19.38	\$0.00	\$27.23
109171	3/4" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$20.43	\$0.00	\$29.26
109172	1" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$20.81	\$0.00	\$29.64
109173	1-1/4" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$21.55	\$0.00	\$30.38
109174	1-1/2" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$37.09	\$0.00	\$45.92
109175	2" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$39.47	\$0.00	\$49.28
109176	2-1/2" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$42.86	\$0.00	\$52.67
109177	3" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$46.26	\$0.00	\$56.07
109178	4" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$53.38	\$0.00	\$63.19
109179	5" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$65.27	\$0.00	\$76.07
109180	6" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$65.27	\$0.00	\$76.07
109181	8" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$76.13	\$0.00	\$86.93
109182	10" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$88.68	\$0.00	\$99.48
109183	12" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$12.75	\$99.87	\$0.00	\$112.62

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		Units	Labor	Material	Equipment	Total
109184	14" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$12.75	\$113.45	\$0.00	\$126.20
109185	16" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$14.72	\$131.77	\$0.00	\$146.49
109186	18" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$16.69	\$142.29	\$0.00	\$158.98
109187	20" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$16.69	\$157.57	\$0.00	\$174.26
109188	24" Steam Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$19.63	\$197.28	\$0.00	\$216.91
109189	1/2" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$5.03	\$0.00	\$8.88
109190	3/4" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$5.36	\$0.00	\$9.21
109191	1" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.66	\$0.00	\$10.47
109192	1-1/4" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$6.10	\$0.00	\$12.87
109193	1-1/2" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$16.14	\$0.00	\$22.91
109194	2" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$17.49	\$0.00	\$24.26
109195	2-1/2" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$8.73	\$19.15	\$0.00	\$27.88
109196	3" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$8.73	\$21.02	\$0.00	\$29.75
109197	4" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$23.50	\$0.00	\$33.18
109198	5" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$29.40	\$0.00	\$39.08
109199	6" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$29.40	\$0.00	\$39.08
109200	8" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$50.03	\$0.00	\$61.60
109201	10" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$12.59	\$63.35	\$0.00	\$75.94
109202	12" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$14.48	\$73.71	\$0.00	\$88.19
109203	14" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$14.48	\$79.04	\$0.00	\$93.52
109204	16" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$16.44	\$97.11	\$0.00	\$113.55
109205	18" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$18.34	\$108.65	\$0.00	\$126.99
109206	20" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$18.34	\$124.34	\$0.00	\$142.68
109207	24" Steam Pipe Insulation - Fiberglass, Includes Fittings	LF	\$22.26	\$156.02	\$0.00	\$178.28
109208	1/2" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$7.85	\$19.88	\$0.00	\$27.73
109209	3/4" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$20.95	\$0.00	\$29.78
109210	1" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$21.34	\$0.00	\$30.17
109211	1-1/4" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$22.11	\$0.00	\$30.94

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		Units	Labor	Material	Equipment	Total
109212	1-1/2" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$8.83	\$38.04	\$0.00	\$46.87
109213	2" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$40.48	\$0.00	\$50.29
109214	2-1/2" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$43.97	\$0.00	\$53.78
109215	3" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$47.44	\$0.00	\$57.25
109216	4" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$9.81	\$54.76	\$0.00	\$64.57
109217	5" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$66.95	\$0.00	\$77.75
109218	6" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$66.95	\$0.00	\$77.75
109219	8" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$78.09	\$0.00	\$88.89
109220	10" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$10.80	\$90.96	\$0.00	\$101.76
109221	12" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$12.75	\$102.46	\$0.00	\$115.21
109222	14" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$12.75	\$116.38	\$0.00	\$129.13
109223	16" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$14.72	\$135.17	\$0.00	\$149.89
109224	18" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$16.69	\$145.96	\$0.00	\$162.65
109225	20" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$16.69	\$161.63	\$0.00	\$178.32
109226	24" Steam Condensate Pipe Insulation - Calcium Silicate, Includes Fittings	LF	\$19.63	\$202.37	\$0.00	\$222.00
109227	1/2" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$5.03	\$0.00	\$8.88
109228	3/4" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$5.36	\$0.00	\$9.21
109229	1" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.66	\$0.00	\$10.47
109230	1-1/4" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$6.10	\$0.00	\$12.87
109231	1-1/2" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$16.14	\$0.00	\$22.91

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		Units	Labor	Material	Equipment	Total
109232	2" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$17.49	\$0.00	\$24.26
109233	2-1/2" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$8.73	\$19.15	\$0.00	\$27.88
109234	3" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$8.73	\$21.02	\$0.00	\$29.75
109235	4" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$23.50	\$0.00	\$33.18
109236	5" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$29.40	\$0.00	\$39.08
109237	6" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$29.40	\$0.00	\$39.08
109238	8" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$50.03	\$0.00	\$61.60
109239	10" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$12.59	\$63.35	\$0.00	\$75.94
109240	12" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$14.48	\$73.71	\$0.00	\$88.19
109241	14" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$14.48	\$79.04	\$0.00	\$93.52
109242	16" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$16.44	\$97.11	\$0.00	\$113.55
109243	18" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$18.34	\$108.65	\$0.00	\$126.99
109244	20" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$18.34	\$124.34	\$0.00	\$142.68
109245	24" Steam Condensate Pipe Insulation - Fiberglass, Includes Fittings	LF	\$22.26	\$156.02	\$0.00	\$178.28
109246	1/2" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$3.85	\$4.97	\$0.00	\$8.82
109247	3/4" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$3.85	\$5.50	\$0.00	\$9.35
109248	1" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$4.81	\$6.16	\$0.00	\$10.97
109249	1-1/4" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$4.81	\$22.21	\$0.00	\$27.02
109250	1-1/2" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$5.82	\$23.39	\$0.00	\$29.21
109251	2" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$5.82	\$24.67	\$0.00	\$30.49

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		Units	Labor	Material	Equipment	Total
109252	2-1/2" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$6.77	\$25.90	\$0.00	\$32.67
109253	3" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$6.77	\$28.37	\$0.00	\$35.14
109254	4" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$6.77	\$33.24	\$0.00	\$40.01
109255	5" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$7.72	\$41.91	\$0.00	\$49.63
109256	6" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$7.72	\$41.91	\$0.00	\$49.63
109257	8" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$9.68	\$49.30	\$0.00	\$58.98
109258	10" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$9.68	\$59.15	\$0.00	\$68.83
109259	12" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$11.57	\$66.50	\$0.00	\$78.07
109260	14" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$13.54	\$73.88	\$0.00	\$87.42
109261	16" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$15.50	\$93.58	\$0.00	\$109.08
109262	18" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$17.39	\$102.20	\$0.00	\$119.59
109263	20" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$17.39	\$113.28	\$0.00	\$130.67
109264	24" Chilled Water Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$21.25	\$156.37	\$0.00	\$177.62
109265	1/2" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
109266	3/4" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
109267	1" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71
109268	1-1/4" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
109269	1-1/2" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.25	\$0.00	\$17.07
109270	2" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.87	\$0.00	\$17.69
109271	2-1/2" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$12.46	\$0.00	\$19.23
109272	3" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$13.65	\$0.00	\$20.42
109273	4" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$15.98	\$0.00	\$22.75

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		Units	Labor	Material	Equipment	Total
109274	5" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$20.16	\$0.00	\$27.88
109275	6" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$20.16	\$0.00	\$27.88
109276	8" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$23.71	\$0.00	\$33.39
109277	10" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$28.45	\$0.00	\$38.13
109278	12" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$31.97	\$0.00	\$43.54
109279	14" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$13.54	\$35.52	\$0.00	\$49.06
109280	16" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$15.50	\$44.99	\$0.00	\$60.49
109281	18" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$17.39	\$49.14	\$0.00	\$66.53
109282	20" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$17.39	\$54.48	\$0.00	\$71.87
109283	24" Chilled Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$21.25	\$75.20	\$0.00	\$96.45
109284	3/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$3.52	\$4.47	\$0.00	\$7.99
109285	5/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$3.52	\$4.97	\$0.00	\$8.49
109286	7/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$4.40	\$5.50	\$0.00	\$9.90
109287	1-1/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$4.40	\$6.16	\$0.00	\$10.56
109288	1-3/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$5.28	\$22.21	\$0.00	\$27.49
109289	1-5/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$5.28	\$23.39	\$0.00	\$28.67
109290	2-1/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$6.16	\$24.67	\$0.00	\$30.83
109291	2-5/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$6.16	\$25.90	\$0.00	\$32.06
109292	3-1/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$6.16	\$28.37	\$0.00	\$34.53
109293	4-1/8" Refrigerant Pipe Insulation - Flexible Unicellular, Includes Fittings	LF	\$7.04	\$33.24	\$0.00	\$40.28
109294	1/2" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.18	\$0.00	\$8.03
109295	3/4" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.85	\$4.62	\$0.00	\$8.47
109296	1" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$4.90	\$0.00	\$9.71

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		Units	Labor	Material	Equipment	Total
109297	1-1/4" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.81	\$5.33	\$0.00	\$10.14
109298	1-1/2" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.25	\$0.00	\$17.07
109299	2" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.82	\$11.87	\$0.00	\$17.69
109300	2-1/2" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$12.46	\$0.00	\$19.23
109301	3" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$13.65	\$0.00	\$20.42
109302	4" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.77	\$15.98	\$0.00	\$22.75
109303	5" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$20.16	\$0.00	\$27.88
109304	6" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$7.72	\$20.16	\$0.00	\$27.88
109305	8" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$23.71	\$0.00	\$33.39
109306	10" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$9.68	\$28.45	\$0.00	\$38.13
109307	12" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$11.57	\$31.97	\$0.00	\$43.54
109308	14" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$13.54	\$35.52	\$0.00	\$49.06
109309	16" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$15.50	\$44.99	\$0.00	\$60.49
109310	18" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$17.39	\$49.14	\$0.00	\$66.53
109311	20" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$17.39	\$54.48	\$0.00	\$71.87
109312	24" Condenser Water Pipe Insulation - Fiberglass, Includes Fittings	LF	\$21.25	\$75.20	\$0.00	\$96.45
109313	1/2" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.52	\$4.18	\$0.00	\$7.70
109314	3/4" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$3.52	\$4.62	\$0.00	\$8.14
109315	1" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.40	\$4.90	\$0.00	\$9.30
109316	1-1/4" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$4.40	\$5.33	\$0.00	\$9.73

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		Units	Labor	Material	Equipment	Total
109317	1-1/2" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.28	\$11.25	\$0.00	\$16.53
109318	2" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$5.28	\$11.87	\$0.00	\$17.15
109319	2-1/2" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.16	\$12.46	\$0.00	\$18.62
109320	3" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.16	\$13.65	\$0.00	\$19.81
109321	4" Condensate Drain Pipe Insulation - Fiberglass, Includes Fittings	LF	\$6.16	\$15.98	\$0.00	\$22.14

23-09-00 Instrumentation and Control for HVAC

Temperature Control items and each associated point includes all hardware, software, wiring, programming and startup as required for proper operation unless stated otherwise. This includes (but is not limited to) actuators, control valves, sensors, thermostats, controllers, transducers, etc. Temperature Control points include all digital, analog, input, and output points. Refer to contract documents for specific details.

23-09-13 Instrumentation and Control Devices for HVAC

109322	Temperature Control - Head-End Integration w/Existing System Includes software, hardware and/or programming required to tie-in and integrate new control devices with the existing controls system. Only applies on a once per project basis.	LS	\$4,707.87	\$4,037.33	\$0.00	\$8,745.20
109323	Temperature Control - Head-End Computer System	EA	\$313.86	\$6,485.08	\$0.00	\$6,798.94
109324	Temperature Control - Head-End Software, Graphics & Training (Basic Control) Typical K-12, Municipal, Light Commercial or Equal	EA	\$3,138.58	\$13,433.38	\$0.00	\$16,571.96
109325	Temperature Control - Head-End Software, Graphics & Training (Standard Control) Typical Higher Education, Corporate, or Equal	EA	\$6,277.16	\$22,642.92	\$0.00	\$28,920.08
109326	Temperature Control - Head-End Software, Graphics & Training (Advanced Control) Typical Hospital, Laboratory, or Equal	EA	\$7,846.45	\$30,810.22	\$0.00	\$38,656.67
109327	Temperature Control Panel w/Enclosure - Head-End Network Control Includes Wiring	EA	\$3,013.03	\$16,243.18	\$0.00	\$19,256.21
109328	Temperature Control Panel w/Enclosure - Head-End Riser Control Includes Wiring	EA	\$2,636.41	\$10,891.76	\$0.00	\$13,528.17
109329	Temperature Control Panel w/Enclosure - Head-End Floor Control Includes Wiring	EA	\$2,259.77	\$7,301.81	\$0.00	\$9,561.58

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		Units	Labor	Material	Equipment	Total
109330	Temperature Control - Lab Pressure Controller w/ Display Includes Wiring	EA	\$1,184.81	\$1,877.26	\$0.00	\$3,062.07
109331	Temperature Control - Zone Controller Includes Wiring	EA	\$376.62	\$641.19	\$0.00	\$1,017.81
109332	Temperature Control - Multi-Zone Controller Includes Wiring	EA	\$753.26	\$2,469.69	\$0.00	\$3,222.95
109333	Temperature Control - Mechanical Room Controller Includes Wiring	EA	\$1,129.89	\$3,093.82	\$0.00	\$4,223.71
109334	Temperature Control - Equipment Controller Includes Wiring	EA	\$1,506.52	\$4,620.01	\$0.00	\$6,126.53
109335	Temperature Control - Facility or Building Controller Includes Wiring	EA	\$1,883.15	\$8,798.74	\$0.00	\$10,681.89
109336	Temperature Control - Equipment LCD Display Panel Includes Wiring	EA	\$753.26	\$2,962.17	\$0.00	\$3,715.43
109337	Temperature Control - Equipment LCD Display Panel w/ Touchscreen Includes Wiring	EA	\$753.26	\$4,723.62	\$0.00	\$5,476.88
109338	Temperature Control - BTU Meter	EA	\$2,707.02	\$3,895.92	\$0.00	\$6,602.94
109339	Temperature Control - Turbine Flow Meter Insertion Type	EA	\$348.89	\$1,834.13	\$0.00	\$2,183.02
109340	Temperature Control - Electromagnetic Flow Meter Insertion Type	EA	\$348.89	\$3,551.31	\$0.00	\$3,900.20
109341	Temperature Control - Isolation Room Pressure Monitor Includes 3 Instrumentation and Control Points Each	EA	\$2,306.85	\$2,322.20	\$0.00	\$4,629.05
109342	Temperature Control - Kitchen Hood Includes 3 Instrumentation and Control Points Each	EA	\$1,985.15	\$2,011.35	\$0.00	\$3,996.50
109343	Temperature Control - Indoor Chiller Refrigerant Monitoring System Includes 10 Instrumentation and Control Points Each	EA	\$5,853.45	\$11,824.30	\$0.00	\$17,677.75
109344	Temperature Control - Indoor Chiller Room Ventilation Includes 8 Instrumentation and Control Points Each	EA	\$5,296.36	\$5,363.60	\$0.00	\$10,659.96
109345	Temperature Control - Emergency Generator Includes 3 Instrumentation and Control Points Each	EA	\$2,306.85	\$2,322.20	\$0.00	\$4,629.05
109346	Temperature Control - Boiler Room Gas Detection Includes 3 Instrumentation and Control Points Each	EA	\$2,306.85	\$2,322.20	\$0.00	\$4,629.05
109347	Temperature Control - MRI Includes 11 Instrumentation and Control Points Each	EA	\$7,281.50	\$7,374.95	\$0.00	\$14,656.45

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		Units	Labor	Material	Equipment	Total
109348	Temperature Control - Smoke Control System Includes 5 Instrumentation and Control Points Each	EA	\$3,311.21	\$3,352.25	\$0.00	\$6,663.46
109349	Temperature Control - LINAC Includes 6 Instrumentation and Control Points Each	EA	\$3,970.31	\$4,022.70	\$0.00	\$7,993.01
109350	Temperature Control - Thermostat (Relocate) Includes Wiring.	EA	\$213.43	\$42.06	\$0.00	\$255.49
109351	Temperature Control - Thermostat (Replace) Programmable. Excludes Wiring.	EA	\$142.02	\$210.28	\$0.00	\$352.30
109352	Temperature Control - Thermostat (Replace & Relocate) Programmable. Includes Wiring.	EA	\$284.82	\$252.33	\$0.00	\$537.15
109353	Temperature Control - Thermostat (Replace) Non-Programmable. Excludes Wiring. Marley M601W Or Equal.	EA	\$110.63	\$28.45	\$0.00	\$139.08
109354	[Modifier] Temperature Control - Additional Temperature Control Sensor or Point Applies to the Difference between Total Contract Required Points and Total Database Item Points. Not to be Applied to Individual Items. Includes Digital, Analog, Input, and Output Points. Include Description of Additional Points.	PT	\$545.33	\$585.12	\$0.00	\$1,130.45
109355	[Modifier] Temperature Control - Coordination with 3rd Party Commissioning Agent Input Total Number of HVAC Instrumentation and Control Points. Excludes Commissioning Agent Cost.	PT	\$27.27	\$0.00	\$0.00	\$27.27
109356	[Modifier] Temperature Control - Sole Source Input Total Number of HVAC Instrumentation and Control Points.	PT	\$190.87	\$204.79	\$0.00	\$395.66
23-09-14 Instrumentation and Control Devices for Facility Fuel Systems						
109357	Temperature Control - Fuel Oil Day Tank Includes 5 Instrumentation and Control Points Each	EA	\$2,102.84	\$2,133.25	\$0.00	\$4,236.09
109358	Temperature Control - Fuel Oil Pump Includes 3 Instrumentation and Control Points Each	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
109359	Temperature Control - Fuel Oil Storage Tank & Monitoring System Includes 6 Instrumentation and Control Points Each	EA	\$3,970.31	\$4,022.70	\$0.00	\$7,993.01

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		Units	Labor	Material	Equipment	Total
109360	Temperature Control - Fuel Oil Filtration System Includes 3 Instrumentation and Control Points Each	EA	\$1,985.15	\$2,011.35	\$0.00	\$3,996.50
23-09-15 Instrumentation and Control Devices for HVAC Piping and Pumps						
109361	Temperature Control - Steam Pressure Reducing Valve/Station (PRV) Includes 4 Instrumentation and Control Points Each	EA	\$3,075.81	\$3,096.26	\$0.00	\$6,172.07
109362	Temperature Control - Steam Condensate Pump Includes 2 Instrumentation and Control Points Each	EA	\$470.79	\$755.78	\$0.00	\$1,226.57
109363	Temperature Control - Differential Pressure Sensor w/Controller Includes 1 Instrumentation and Control Point Each	EA	\$768.95	\$774.06	\$0.00	\$1,543.01
109364	Temperature Control - Pump w/Variable Frequency Drive (VFD) Includes 4 Instrumentation and Control Points Each	EA	\$941.57	\$1,511.56	\$0.00	\$2,453.13
109365	Temperature Control - Pump w/o Variable Frequency Drive (VFD) Includes 3 Instrumentation and Control Points Each	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
23-09-16 Instrumentation and Control Devices for HVAC Air Distribution						
109366	Temperature Control - Supply, Return or Exhaust Fan (On/Off Only) Includes 1 Instrumentation and Control Point Each	EA	\$659.10	\$670.45	\$0.00	\$1,329.55
109367	Temperature Control - Supply, Return or Exhaust Fan w/o Variable Frequency Drive (VFD) Includes 2 Instrumentation and Control Points Each	EA	\$1,326.05	\$1,340.90	\$0.00	\$2,666.95
109368	Temperature Control - Supply, Return or Exhaust Fan w/Variable Frequency Drive (VFD) Includes 3 Instrumentation and Control Points Each	EA	\$1,746.62	\$1,627.36	\$0.00	\$3,373.98
109369	Temperature Control - Kitchen, Isolation, Laundry/Dryer, or Smoke Exhaust Fan Includes 5 Instrumentation and Control Points Each	EA	\$2,102.84	\$2,133.25	\$0.00	\$4,236.09
109370	Temperature Control - Laboratory Exhaust Fan Includes 9 Instrumentation and Control Points Each. Excludes Heat Recovery.	EA	\$3,781.99	\$3,839.85	\$0.00	\$7,621.84

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		Units	Labor	Material	Equipment	Total
109371	Temperature Control - Supply Air Variable or Constant Air Volume (VAV/CV) Box Includes 3 Instrumentation and Control Points Each	EA	\$816.03	\$1,133.67	\$0.00	\$1,949.70
109372	Temperature Control - Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Reheat Includes 4 Instrumentation and Control Points Each	EA	\$1,082.81	\$1,511.56	\$0.00	\$2,594.37
109373	Temperature Control - Fan Powered Supply Air Variable or Constant Air Volume (VAV/CV) Box Includes 5 Instrumentation and Control Points Each	EA	\$1,357.44	\$1,889.45	\$0.00	\$3,246.89
109374	Temperature Control - Fan Powered Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Reheat Includes 6 Instrumentation and Control Points Each	EA	\$1,624.21	\$2,267.34	\$0.00	\$3,891.55
109375	Temperature Control - Dual Duct Supply Air Variable or Constant Air Volume (VAV/CV) Box Includes 7 Instrumentation and Control Points Each	EA	\$3,025.59	\$2,645.23	\$0.00	\$5,670.82
109376	Temperature Control - Laboratory Supply Air Variable or Constant Air Volume (VAV/CV) Box or Venturi Valve Includes 5 Instrumentation and Control Points Each	EA	\$1,953.77	\$4,357.92	\$0.00	\$6,311.69
109377	Temperature Control - Laboratory Supply Air Variable or Constant Air Volume (VAV/CV) Box or Venturi Valve w/Reheat Includes 6 Instrumentation and Control Points Each	EA	\$2,338.24	\$5,229.51	\$0.00	\$7,567.75
109378	Temperature Control- 2-Pipe Chilled Beam Includes 4 Instrumentation and Control Points Each	EA	\$1,082.81	\$1,511.56	\$0.00	\$2,594.37
109379	Temperature Control- 4-Pipe Chilled Beam Includes 5 Instrumentation and Control Points Each	EA	\$1,357.44	\$1,889.45	\$0.00	\$3,246.89
109380	Temperature Control - Digital or Electric Variable Air Volume (VAV) Diffuser Includes 1 Instrumentation and Control Point Each	EA	\$235.39	\$377.89	\$0.00	\$613.28
109381	Temperature Control - Exhaust Air Variable or Constant Air Volume (VAV/CV) Box Includes 2 Instrumentation and Control Points Each	EA	\$706.18	\$609.50	\$0.00	\$1,315.68

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		Units	Labor	Material	Equipment	Total
109382	Temperature Control - Laboratory Exhaust Air Variable or Constant Air Volume (VAV/CV) Box or Venturi Valve Includes 3 Instrumentation and Control Points Each	EA	\$894.49	\$2,011.35	\$0.00	\$2,905.84
109383	Temperature Control - Laboratory Fume Hood Exhaust Air Variable or Constant Air Volume (VAV/CV) Box or Venturi Valve Includes Fume Hood Controller and 5 Instrumentation and Control Points Each	EA	\$2,793.34	\$6,277.85	\$0.00	\$9,071.19
109384	Temperature Control - Return Air Variable or Constant Air Volume (VAV/CV) Box Includes 2 Instrumentation and Control Points Each	EA	\$706.18	\$609.50	\$0.00	\$1,315.68
109385	Temperature Control - Reheat Coil Includes 2 Instrumentation and Control Points Each	EA	\$706.18	\$609.50	\$0.00	\$1,315.68
109386	Temperature Control - Gravity Relief Vent Motorized Damper Includes 1 Instrumentation and Control Point Each	EA	\$423.71	\$426.65	\$0.00	\$850.36
109387	Temperature Control - Motorized Damper Includes 1 Instrumentation and Control Point Each	EA	\$423.71	\$426.65	\$0.00	\$850.36
109388	Temperature Control - Smoke/Fire Damper Includes 2 Instrumentation and Control Points Each	EA	\$612.02	\$609.50	\$0.00	\$1,221.52
23-09-17 Instrumentation and Control Devices for HVAC Air Cleaning Devices						
109389	Temperature Control - In-Line Duct Air Filter Includes 1 Instrumentation and Control Point Each	EA	\$423.71	\$426.65	\$0.00	\$850.36
109390	Temperature Control - Ductless Air Purifier Includes 3 Instrumentation and Control Points Each	EA	\$918.03	\$914.25	\$0.00	\$1,832.28
109391	Temperature Control - Fan Filter Unit Includes 3 Instrumentation and Control Points Each	EA	\$918.03	\$914.25	\$0.00	\$1,832.28
23-09-18 Instrumentation and Control Devices for Central Heating Equipment						
109392	Boiler Temperature Control Includes 5 Instrumentation and Control Points Each	EA	\$2,699.18	\$2,712.28	\$0.00	\$5,411.46
109393	Heat Exchanger (HX) Temperature Control Includes 6 Instrumentation and Control Points Each	EA	\$3,240.58	\$3,254.73	\$0.00	\$6,495.31

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		Units	Labor	Material	Equipment	Total
109394	Hot Water System Temperature Control Includes 5 Instrumentation and Control Points Each. Supply Temperature, Return Temperature, Bypass and Alarms.	EA	\$3,305.71	\$3,352.25	\$0.00	\$6,657.96

23-09-19 Instrumentation and Control Devices for Central Cooling Equipment

109395	Air Cooled Chiller Temperature Control - Up to 500 Ton Includes 7 Instrumentation and Control Points Each	EA	\$3,781.99	\$3,797.18	\$0.00	\$7,579.17
109396	Air Cooled Chiller Temperature Control - 500 Ton & Up Includes 7 Instrumentation and Control Points Each	EA	\$5,382.67	\$5,418.46	\$0.00	\$10,801.13
109397	Water Cooled Chiller Temperature Control - Up to 500 Ton Includes 12 Instrumentation and Control Points Each	EA	\$6,481.17	\$6,509.46	\$0.00	\$12,990.63
109398	Water Cooled Chiller Temperature Control - 500 Ton & Up Includes 12 Instrumentation and Control Points Each	EA	\$9,227.43	\$9,288.78	\$0.00	\$18,516.21
109399	Condensing Unit Temperature Control Includes 2 Instrumentation and Control Points Each	EA	\$863.11	\$1,548.13	\$0.00	\$2,411.24
109400	Condenser Temperature Control Includes 2 Instrumentation and Control Points Each	EA	\$1,537.91	\$1,548.13	\$0.00	\$3,086.04
109401	Refrigerant Compressor Temperature Control Includes 2 Instrumentation and Control Points Each	EA	\$1,537.91	\$1,548.13	\$0.00	\$3,086.04
109402	Cooling Tower Temperature Control - Under 500 Ton Includes 8 Instrumentation and Control Points Each	EA	\$4,323.39	\$4,339.64	\$0.00	\$8,663.03
109403	Cooling Tower Temperature Control - 500 Ton & Up Includes 8 Instrumentation and Control Points Each	EA	\$7,383.51	\$6,192.52	\$0.00	\$13,576.03
109404	Fluid Cooler Temperature Control Includes 11 Instrumentation and Control Points Each	EA	\$5,939.76	\$5,967.00	\$0.00	\$11,906.76

23-09-20 Instrumentation and Control Devices for Central HVAC Equipment

109405	Air Handling Unit (AHU) Temperature Control - 8 Pts Ea Up to 50K CFM Includes 8 Instrumentation and Control Points Each	EA	\$3,993.85	\$4,047.08	\$0.00	\$8,040.93
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		Units	Labor	Material	Equipment	Total
109406	Air Handling Unit (AHU) Temperature Control - 13 Pts Ea Up to 50K CFM Includes 13 Instrumentation and Control Points Each	EA	\$6,496.86	\$6,576.50	\$0.00	\$13,073.36
109407	Air Handling Unit (AHU) Temperature Control - 18 Pts Ea Up to 50K CFM Includes 18 Instrumentation and Control Points Each	EA	\$8,992.03	\$9,105.93	\$0.00	\$18,097.96
109408	Air Handling Unit (AHU) Temperature Control - 23 Pts Ea Up to 50K CFM Includes 23 Instrumentation and Control Points Each	EA	\$11,455.82	\$11,635.36	\$0.00	\$23,091.18
109409	Air Handling Unit (AHU) Temperature Control - 28 Pts Ea Up to 50K CFM Includes 28 Instrumentation and Control Points Each	EA	\$13,966.68	\$14,164.78	\$0.00	\$28,131.46
109410	Air Handling Unit (AHU) Temperature Control - 35 Pts Ea Up to 50K CFM Includes 35 Instrumentation and Control Points Each	EA	\$17,497.58	\$17,705.98	\$0.00	\$35,203.56
109411	Air Handling Unit (AHU) Temperature Control - 42 Pts Ea Up to 50K CFM Includes 42 Instrumentation and Control Points Each	EA	\$21,028.49	\$21,247.17	\$0.00	\$42,275.66
109412	Air Handling Unit (AHU) Temperature Control - 50 Pts Ea Up to 50K CFM Includes 50 Instrumentation and Control Points Each	EA	\$24,951.71	\$25,294.25	\$0.00	\$50,245.96
23-09-21 Instrumentation and Control Devices for Decentralized HVAC Equipment						
109413	Radiant Floor Heat Temperature Control Includes 3 Instrumentation and Control Points Each	EA	\$1,985.15	\$2,011.35	\$0.00	\$3,996.50
109414	Variable Refrigerant Flow (VRF) Indoor Unit Temperature Control Includes 1 Instrumentation and Control Point Each	EA	\$539.05	\$542.46	\$0.00	\$1,081.51
109415	Variable Refrigerant Flow (VRF) Condensing Unit Temperature Control - Stand Alone Includes 3 Instrumentation and Control Points Each	EA	\$1,537.91	\$3,547.29	\$0.00	\$5,085.20
109416	Variable Refrigerant Flow (VRF) Condensing Unit Temperature Control - W/Bacnet Interface Includes 5 Instrumentation and Control Points Each	EA	\$2,926.73	\$5,912.15	\$0.00	\$8,838.88

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		Units	Labor	Material	Equipment	Total
109417	Computer Room Air Conditioner Unit Temperature Control - Water Cooled Includes 5 Instrumentation and Control Points Each	EA	\$1,522.21	\$1,523.75	\$0.00	\$3,045.96
109418	Computer Room Air Conditioner Unit Temperature Control - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser. Includes 6 Instrumentation and Control Points Each	EA	\$1,828.22	\$1,828.50	\$0.00	\$3,656.72
109419	Packaged Terminal Air Conditioner (PTAC) Unit Temperature Control Includes 1 Instrumentation and Control Point Each	EA	\$423.71	\$426.65	\$0.00	\$850.36
109420	Split System Air Conditioner (AC) Unit Temperature Control Includes Both Indoor AC Unit and Outdoor Condenser. Includes 1 Instrumentation and Control Point Each	EA	\$423.71	\$426.65	\$0.00	\$850.36
109421	Heat Pump Temperature Control Includes 5 Instrumentation and Control Points Each	EA	\$1,176.97	\$1,889.45	\$0.00	\$3,066.42
109422	Valance System Temperature Control - 2-Pipe Includes 2 Instrumentation and Control Points Each	EA	\$1,082.81	\$1,084.91	\$0.00	\$2,167.72
109423	Valance System Temperature Control - 4-Pipe Includes 3 Instrumentation and Control Points Each	EA	\$1,616.37	\$1,627.36	\$0.00	\$3,243.73
109424	Fan Coil Unit (FCU) Temperature Control - 2-Pipe Includes 4 Instrumentation and Control Points Each	EA	\$1,216.21	\$1,219.00	\$0.00	\$2,435.21
109425	Fan Coil Unit (FCU) Temperature Control - 4-Pipe Includes 5 Instrumentation and Control Points Each	EA	\$1,522.21	\$1,523.75	\$0.00	\$3,045.96
109426	Unit Ventilator Temperature Control - Single Coil Includes 5 Instrumentation and Control Points Each	EA	\$1,522.21	\$1,523.75	\$0.00	\$3,045.96
109427	Unit Ventilator Temperature Control - Dual Coil or DX Includes 6 Instrumentation and Control Points Each	EA	\$1,993.00	\$1,828.50	\$0.00	\$3,821.50
109428	Cabinet/Unit Heater Temperature Control Includes 3 Instrumentation and Control Points Each	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85
109429	Convector Temperature Control Includes 2 Instrumentation and Control Points Each	EA	\$612.02	\$609.50	\$0.00	\$1,221.52
109430	Air Curtain Temperature Control Includes 3 Instrumentation and Control Points Each	EA	\$706.18	\$1,133.67	\$0.00	\$1,839.85

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		Units	Labor	Material	Equipment	Total
109431	Fin Tube Temperature Control - w/o Controller Connect to Terminal Unit or Air Terminal Unit Controller. Includes 1 Instrumentation and Control Point Each	EA	\$306.02	\$304.75	\$0.00	\$610.77
109432	Fin Tube Temperature Control - w/Controller Includes 3 Instrumentation and Control Points Each	EA	\$612.02	\$609.50	\$0.00	\$1,221.52
109433	Radiant Ceiling Panel Temperature Control - w/o Controller Includes 1 Instrumentation and Control Point Each	EA	\$306.02	\$304.75	\$0.00	\$610.77
109434	Terminal Unit Temperature Control - Stand Alone/Non DDC Controls Stand-Alone Thermostat or On/Off Switch	EA	\$189.89	\$42.66	\$0.00	\$232.55
109435	Induction Unit Temperature Control- 2-Pipe Includes 4 Instrumentation and Control Points Each	EA	\$1,082.81	\$1,511.56	\$0.00	\$2,594.37
109436	Clean Steam Generator Temperature Control Includes 5 Instrumentation and Control Points Each	EA	\$2,102.84	\$2,133.25	\$0.00	\$4,236.09
109437	Humidifier Temperature Control Includes 4 Instrumentation and Control Points Each	EA	\$941.57	\$1,511.56	\$0.00	\$2,453.13
23-09-22 Instrumentation and Control Actuators and Control Valves						
109438	45 IN-LB Damper Actuator - Proportional/Modulating Control	EA	\$264.89	\$280.72	\$0.00	\$545.61
109439	90 IN-LB Damper Actuator - Proportional/Modulating Control	EA	\$331.11	\$343.48	\$0.00	\$674.59
109440	180 IN-LB Damper Actuator - Proportional/Modulating Control	EA	\$331.11	\$501.28	\$0.00	\$832.39
109441	360 IN-LB Damper Actuator - Proportional/Modulating Control	EA	\$397.32	\$628.89	\$0.00	\$1,026.21
109442	35 IN-LB Damper Actuator - Proportional/Modulating Control w/Spring Return	EA	\$264.89	\$451.59	\$0.00	\$716.48
109443	90 IN-LB Damper Actuator - Proportional/Modulating Control w/Spring Return	EA	\$264.89	\$532.22	\$0.00	\$797.11
109444	180 IN-LB Damper Actuator - Proportional/Modulating Control w/Spring Return	EA	\$331.11	\$536.70	\$0.00	\$867.81
109445	30 IN-LB Damper Actuator - On/Off Fire and Smoke Rated	EA	\$264.89	\$520.31	\$0.00	\$785.20
109446	70 IN-LB Damper Actuator - On/Off Fire and Smoke Rated	EA	\$264.89	\$593.17	\$0.00	\$858.06
109447	180 IN-LB Damper Actuator - On/Off Fire and Smoke Rated	EA	\$331.11	\$716.28	\$0.00	\$1,047.39

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		Units	Labor	Material	Equipment	Total
109448	3/4" 2-Way Ball Control Valve w/Actuator - Brass, 600 PSI WOG Two Piece, Full Port. Threaded Or Soldered.	EA	\$95.60	\$253.86	\$0.00	\$349.46
109449	1" 2-Way Ball Control Valve w/Actuator - Brass, 600 PSI WOG Two Piece, Full Port. Threaded Or Soldered.	EA	\$95.60	\$316.23	\$0.00	\$411.83
109450	1-1/4" 2-Way Ball Control Valve w/Actuator - Brass, 600 PSI WOG Two Piece, Full Port. Threaded Or Soldered.	EA	\$128.28	\$378.61	\$0.00	\$506.89
109451	1-1/2" 2-Way Ball Control Valve w/Actuator - Brass, 600 PSI WOG Two Piece, Full Port. Threaded Or Soldered.	EA	\$160.97	\$440.99	\$0.00	\$601.96
109452	2" 2-Way Ball Control Valve w/Actuator - Brass, 600 PSI WOG Two Piece, Full Port. Threaded Or Soldered.	EA	\$160.97	\$504.81	\$0.00	\$665.78
109453	2-1/2" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$190.38	\$2,078.40	\$0.00	\$2,268.78
109454	4" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$256.23	\$2,134.71	\$0.00	\$2,390.94
109455	6" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$315.72	\$2,735.44	\$0.00	\$3,051.16
109456	8" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Lever Operated, Lug Or Wafer.	EA	\$348.89	\$2,995.57	\$0.00	\$3,344.46
109457	10" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$518.85	\$3,679.43	\$0.00	\$4,198.28
109458	12" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$573.59	\$4,205.06	\$0.00	\$4,778.65
109459	14" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$662.65	\$5,975.05	\$0.00	\$6,637.70
109460	16" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$775.40	\$8,782.90	\$0.00	\$9,558.30
109461	18" 2-Way Butterfly Control Valve- Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$868.55	\$10,979.29	\$0.00	\$11,847.84
109462	20" 2-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,033.60	\$14,492.45	\$0.00	\$15,526.05

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		Units	Labor	Material	Equipment	Total
109463	3/4" 3-Way Ball Control Valve w/Actuator - Brass, 600 PSI WOG Two Piece, Full Port. Threaded Or Soldered.	EA	\$115.21	\$402.27	\$0.00	\$517.48
109464	2-1/2" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$442.85	\$2,891.91	\$0.00	\$3,334.76
109465	4" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$687.16	\$3,035.88	\$0.00	\$3,723.04
109466	6" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$822.79	\$3,746.47	\$0.00	\$4,569.26
109467	8" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,049.12	\$5,646.03	\$0.00	\$6,695.15
109468	10" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,307.32	\$6,457.25	\$0.00	\$7,764.57
109469	12" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,403.74	\$7,652.41	\$0.00	\$9,056.15
109470	14" 3-Way Butterfly Control Valve w/Actuator - Iron Body, Class 150 Gear Operated, Lug Or Wafer.	EA	\$1,730.57	\$14,236.60	\$0.00	\$15,967.17

23-10-00 Facility Fuel Systems

- Equipment costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within in 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Equipment costs exclude housekeeping pads and dunnage.

- Piping items include hangers and couplings (as required) unless stated otherwise.
- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

23-11-00 Facility Fuel Piping

23-11-13 Facility Fuel-Oil Piping

109471	1/2" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$16.34	\$5.89	\$0.00	\$22.23
109472	3/4" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$7.18	\$0.00	\$24.34
109473	1" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$9.36	\$0.00	\$27.33
109474	1-1/4" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$19.61	\$12.40	\$0.00	\$32.01
109475	1-1/2" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$14.45	\$0.00	\$31.61
109476	2" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$19.16	\$0.00	\$37.13
109477	1/2" Fuel Oil Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$44.13	\$3.80	\$0.00	\$47.93

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		Units	Labor	Material	Equipment	Total
109478	3/4" Fuel Oil Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$60.47	\$4.90	\$0.00	\$65.37
109479	1" Fuel Oil Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$74.36	\$8.63	\$0.00	\$82.99
109480	1-1/4" Fuel Oil Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$85.79	\$13.98	\$0.00	\$99.77
109481	1-1/2" Fuel Oil Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$93.15	\$17.97	\$0.00	\$111.12
109482	2" Fuel Oil Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$114.39	\$30.67	\$0.00	\$145.06
109483	2-1/2" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95
109484	3" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
109485	4" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
109486	5" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49
109487	6" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00
109488	8" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
109489	10" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
109490	12" Fuel Oil Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
109491	2-1/2" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
109492	3" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80
109493	4" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
109494	5" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
109495	6" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
109496	8" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90
109497	10" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39

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		Units	Labor	Material	Equipment	Total
109498	12" Fuel Oil Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15
109499	1" Fuel Oil Pipe - Flexible Plastic, Double-Containment, w/o Hangers (Includes Fittings)	LF	\$8.99	\$27.26	\$0.00	\$36.25
	Nylon 12 Inner Layer, Braided Nylon 6 Intermediate Layer, Polyethylene Outer Layer					
109500	1-1/2" Fuel Oil Pipe - Flexible Plastic, Double-Containment, w/o Hangers (Includes Fittings)	LF	\$10.63	\$34.83	\$0.00	\$45.46
	Nylon 12 Inner Layer, Braided Nylon 6 Intermediate Layer, Polyethylene Outer Layer					
109501	2" Fuel Oil Pipe - Flexible Plastic, Double-Containment, w/o Hangers (Includes Fittings)	LF	\$12.26	\$51.48	\$0.00	\$63.74
	Nylon 12 Inner Layer, Braided Nylon 6 Intermediate Layer, Polyethylene Outer Layer					
109502	2" and Down Generator Fuel Oil Hook-Up	EA	\$2,451.22	\$665.57	\$0.00	\$3,116.79
23-11-23	Facility Natural-Gas Piping					
109503	1/2" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$16.34	\$5.89	\$0.00	\$22.23
109504	3/4" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$7.18	\$0.00	\$24.34
109505	1" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$9.36	\$0.00	\$27.33
109506	1-1/4" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$19.61	\$12.40	\$0.00	\$32.01
109507	1-1/2" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$14.45	\$0.00	\$31.61
109508	2" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$19.16	\$0.00	\$37.13
109509	2-1/2" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95
109510	3" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
109511	4" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
109512	5" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49
109513	6" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00

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		Units	Labor	Material	Equipment	Total
109514	8" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
109515	10" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
109516	12" Natural Gas Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
109517	1/2" Natural Gas Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$44.13	\$3.80	\$0.00	\$47.93
109518	3/4" Natural Gas Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$60.47	\$4.90	\$0.00	\$65.37
109519	1" Natural Gas Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$74.36	\$8.63	\$0.00	\$82.99
109520	1-1/4" Natural Gas Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$85.79	\$13.98	\$0.00	\$99.77
109521	1-1/2" Natural Gas Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$93.15	\$17.97	\$0.00	\$111.12
109522	2" Natural Gas Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$114.39	\$30.67	\$0.00	\$145.06
109523	2-1/2" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
109524	3" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80
109525	4" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
109526	5" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
109527	6" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
109528	8" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90
109529	10" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39
109530	12" Natural Gas Fittings - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15
109531	1" Natural Gas Meter Diaphragm Type. Up To 500 Cfh.	EA	\$107.04	\$2,028.05	\$0.00	\$2,135.09
109532	1-1/2" Natural Gas Meter Diaphragm Type. Up To 1,000 Cfh.	EA	\$151.16	\$2,953.83	\$0.00	\$3,104.99
109533	2" Natural Gas Meter Diaphragm Type. Up To 6,000 Cfh.	EA	\$183.84	\$5,724.98	\$0.00	\$5,908.82

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		Units	Labor	Material	Equipment	Total
109534	3" Natural Gas Meter Turbine Type. Up To 10,000 Cfh	EA	\$269.63	\$6,870.60	\$0.00	\$7,140.23
109535	4" Natural Gas Meter Turbine Type. Up To 18,000 Cfh	EA	\$396.28	\$8,479.11	\$0.00	\$8,875.39
109536	6" Natural Gas Meter Turbine Type. Up To 30,000 Cfh	EA	\$562.96	\$9,438.95	\$0.00	\$10,001.91
109537	1" Natural Gas Pressure Regulator Single Stage.	EA	\$161.78	\$120.75	\$0.00	\$282.53
109538	1-1/2" Natural Gas Pressure Regulator Single Stage.	EA	\$187.92	\$975.32	\$0.00	\$1,163.24
109539	2" Natural Gas Pressure Regulator Single Stage.	EA	\$290.88	\$1,455.24	\$0.00	\$1,746.12
109540	3" Natural Gas Pressure Regulator Single Stage.	EA	\$460.83	\$2,441.40	\$0.00	\$2,902.23
109541	4" Natural Gas Pressure Regulator Single Stage.	EA	\$715.76	\$4,147.44	\$0.00	\$4,863.20
109542	6" Natural Gas Pressure Regulator Single Stage.	EA	\$864.47	\$4,616.52	\$0.00	\$5,480.99

23-12-00 Facility Fuel Pumps

23-12-13 Facility Fuel-Oil Pumps

109543	1/2 HP Duplex Fuel Oil Pump	EA	\$1,470.74	\$21,722.58	\$0.00	\$23,193.32
109544	3/4 HP Duplex Fuel Oil Pump	EA	\$1,470.74	\$32,535.11	\$0.00	\$34,005.85
109545	2" & Dn Fuel Oil Pump Hook-Up	EA	\$1,266.47	\$1,204.45	\$0.00	\$2,470.92

23-13-00 Facility Fuel-Storage Tanks

23-13-13 Facility Fuel-Oil, Storage Tanks

109546	Fuel Oil	GAL	\$0.05	\$4.35	\$0.00	\$4.40
109547	250 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$784.39	\$9,063.26	\$0.00	\$9,847.65
109548	500 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$784.39	\$14,388.59	\$0.00	\$15,172.98
109549	1,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$1,699.52	\$17,672.94	\$0.00	\$19,372.46
109550	2,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$1,699.52	\$22,052.08	\$0.00	\$23,751.60
109551	4,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$1,699.52	\$24,241.64	\$0.00	\$25,941.16
109552	6,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$3,006.84	\$31,435.94	\$0.00	\$34,442.78
109553	8,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$3,006.84	\$35,033.08	\$0.00	\$38,039.92
109554	10,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$3,006.84	\$40,663.40	\$0.00	\$43,670.24

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		Units	Labor	Material	Equipment	Total
109555	15,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$3,006.84	\$67,407.41	\$0.00	\$70,414.25
109556	20,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$4,183.42	\$82,890.78	\$0.00	\$87,074.20
109557	25,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$4,183.42	\$114,170.32	\$0.00	\$118,353.74
109558	30,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$4,183.42	\$136,847.99	\$0.00	\$141,031.41
109559	50,000 Gallon Double Wall Fuel Oil Tank Steel Or Fiberglass	EA	\$6,275.14	\$176,755.00	\$0.00	\$183,030.14
109560	Fuel Oil Tank Accessories- Under 1,000 Gallon (Per Tank) Overfill Assembly, Manholes, Spill Container & Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$972.32	\$1,924.80	\$0.00	\$2,897.12
109561	Fuel Oil Tank Accessories- 1,001 to 2,500 Gallon (Per Tank) Overfill Assembly, Manholes, Spill Container & Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$1,544.27	\$3,056.03	\$0.00	\$4,600.30
109562	Fuel Oil Tank Accessories- 2,501 to 7,500 Gallon (Per Tank) Overfill Assembly, Manholes, Spill Container & Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$2,451.22	\$4,851.62	\$0.00	\$7,302.84
109563	Fuel Oil Tank Accessories- 7,501 to 15,000 Gallon (Per Tank) Overfill Assembly, Manholes, Spill Container & Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$3,921.96	\$7,702.07	\$0.00	\$11,624.03
109564	Fuel Oil Tank Accessories- Over 15,000 Gallon (Per Tank) Overfill Assembly, Manholes, Spill Container & Service Station Hardware, Sidewalk/Street Box, Transition Sump, And Accessories.	EA	\$5,229.28	\$15,382.55	\$0.00	\$20,611.83
109565	Fuel Oil Tank Hook-Up	EA	\$2,353.18	\$4,589.93	\$0.00	\$6,943.11
109566	Fuel Oil Filtration System - Under 1,000 Gallon (Per System) Microprocessor Control, Pump & Motor Assembly, Strainer, Primary & Secondary Filters	EA	\$490.24	\$4,040.98	\$0.00	\$4,531.22

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		Units	Labor	Material	Equipment	Total
109567	Fuel Oil Filtration System - 1,001 to 2,500 Gallon (Per System) Microprocessor Control, Pump & Motor Assembly, Strainer, Primary & Secondary Filters	EA	\$776.23	\$6,411.94	\$0.00	\$7,188.17
109568	Fuel Oil Filtration System - 2,501 to 7,500 Gallon (Per System) Microprocessor Control, Pump & Motor Assembly, Strainer, Primary & Secondary Filters	EA	\$1,233.79	\$10,178.65	\$0.00	\$11,412.44
109569	Fuel Oil Filtration System - 7,501 to 15,000 Gallon (Per System) Microprocessor Control, Pump & Motor Assembly, Strainer, Primary & Secondary Filters	EA	\$1,960.98	\$16,159.95	\$0.00	\$18,120.93
109570	Fuel Oil Filtration System - Over 15,000 Gallon (Per System) Microprocessor Control, Pump & Motor Assembly, Strainer, Primary & Secondary Filters	EA	\$2,614.64	\$37,315.44	\$0.00	\$39,930.08
109571	Fuel Oil Monitoring System - Under 1,000 Gallon (Per System) Includes (2) Tank Level Probes, (3) Leak Detection Sensors, (1) Brine Sensor, Overfill Alarm And Alarm Console.	EA	\$980.49	\$2,681.80	\$0.00	\$3,662.29
109572	Fuel Oil Monitoring System - 1,001 to 2,500 Gallon (Per System) Includes (2) Tank Level Probes, (3) Leak Detection Sensors, (1) Brine Sensor, Overfill Alarm And Alarm Console.	EA	\$1,552.44	\$4,266.50	\$0.00	\$5,818.94
109573	Fuel Oil Monitoring System - 2,501 to 7,500 Gallon (Per System) Includes (2) Tank Level Probes, (3) Leak Detection Sensors, (1) Brine Sensor, Overfill Alarm And Alarm Console.	EA	\$2,451.22	\$6,765.45	\$0.00	\$9,216.67
109574	Fuel Oil Monitoring System - 7,501 to 15,000 Gallon (Per System) Includes (2) Tank Level Probes, (3) Leak Detection Sensors, (1) Brine Sensor, Overfill Alarm And Alarm Console.	EA	\$3,921.96	\$10,739.71	\$0.00	\$14,661.67
109575	Fuel Oil Monitoring System - 15,000 Gallon & Up (Per System) Includes (2) Tank Level Probes, (3) Leak Detection Sensors, (1) Brine Sensor, Overfill Alarm And Alarm Console.	EA	\$8,007.34	\$22,746.30	\$0.00	\$30,753.64

23-20-00 HVAC Piping and Pumps

The Simplebid® UPB

	Units	Labor	Material	Equipment	Total
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- HVAC Equipment costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections), unless stated otherwise. The contractor is responsible for adding these additional items as required.
- HVAC Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- Equipment costs exclude housekeeping pads and dunnage.

- Piping items include hangers and couplings (as required) unless stated otherwise.
- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.
- Pre-Insulated / Pre-Fabricated piping systems to be factory fabricated, assembled, and pressure tested. System includes insulated carrier piping, conduit, fittings, and inner pipe supports.

23-21-00 Hydronic Piping and Pumps

23-21-12 Hot Water Piping

109576	1/2" Hot Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$17.97	\$4.60	\$0.00	\$22.57
109577	3/4" Hot Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$6.36	\$0.00	\$25.15
109578	1" Hot Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$8.47	\$0.00	\$27.26
109579	1-1/4" Hot Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$19.61	\$11.78	\$0.00	\$31.39
109580	1-1/2" Hot Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$15.23	\$0.00	\$34.02
109581	2" Hot Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$19.61	\$21.84	\$0.00	\$41.45
109582	1/2" Hot Water Fitting - Copper, Wrot, Press Joint	EA	\$9.81	\$4.66	\$0.00	\$14.47
109583	3/4" Hot Water Fitting - Copper, Wrot, Press Joint	EA	\$13.89	\$7.90	\$0.00	\$21.79
109584	1" Hot Water Fitting - Copper, Wrot, Press Joint	EA	\$14.71	\$15.24	\$0.00	\$29.95
109585	1-1/4" Hot Water Fitting - Copper, Wrot, Press Joint	EA	\$17.16	\$28.79	\$0.00	\$45.95
109586	1-1/2" Hot Water Fitting - Copper, Wrot, Press Joint	EA	\$20.42	\$54.64	\$0.00	\$75.06
109587	2" Hot Water Fitting - Copper, Wrot, Press Joint	EA	\$23.69	\$72.58	\$0.00	\$96.27
109588	1/2" Hot Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
109589	3/4" Hot Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15
109590	1" Hot Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26
109591	1-1/4" Hot Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
109592	1-1/2" Hot Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
109593	2" Hot Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
109594	1/2" Hot Water Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
109595	3/4" Hot Water Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
109596	1" Hot Water Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
109597	1-1/4" Hot Water Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
109598	1-1/2" Hot Water Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00

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		Units	Labor	Material	Equipment	Total
109599	2" Hot Water Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
109600	2-1/2" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95
109601	3" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
109602	4" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
109603	5" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49
109604	6" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00
109605	8" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
109606	10" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
109607	12" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
109608	14" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$76.81	\$164.88	\$0.00	\$241.69
109609	16" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$82.52	\$185.65	\$0.00	\$268.17
109610	18" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$87.42	\$299.06	\$0.00	\$386.48
109611	20" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$92.33	\$327.42	\$0.00	\$419.75
109612	24" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$102.13	\$397.94	\$0.00	\$500.07
109613	2-1/2" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
109614	3" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80
109615	4" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
109616	5" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
109617	6" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
109618	8" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90

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		Units	Labor	Material	Equipment	Total
109619	10" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39
109620	12" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15
109621	14" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,339.19	\$874.67	\$0.00	\$2,213.86
109622	16" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,543.45	\$1,092.72	\$0.00	\$2,636.17
109623	18" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,759.17	\$1,572.28	\$0.00	\$3,331.45
109624	20" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,968.33	\$2,302.25	\$0.00	\$4,270.58
109625	24" Hot Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$2,385.04	\$3,139.81	\$0.00	\$5,524.85
109626	2-1/2" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$24.51	\$16.72	\$0.00	\$41.23
109627	3" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$26.97	\$20.53	\$0.00	\$47.50
109628	4" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$31.05	\$27.35	\$0.00	\$58.40
109629	5" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$34.32	\$36.00	\$0.00	\$70.32
109630	6" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$38.40	\$45.24	\$0.00	\$83.64
109631	8" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$44.13	\$72.26	\$0.00	\$116.39
109632	10" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$52.29	\$115.26	\$0.00	\$167.55
109633	12" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$58.02	\$140.29	\$0.00	\$198.31
109634	14" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$60.47	\$164.88	\$0.00	\$225.35
109635	16" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$62.92	\$185.65	\$0.00	\$248.57
109636	18" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$63.73	\$299.06	\$0.00	\$362.79
109637	20" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$67.82	\$327.42	\$0.00	\$395.24
109638	24" Hot Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$73.54	\$397.94	\$0.00	\$471.48
109639	2-1/2" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$86.61	\$66.48	\$0.00	\$153.09
109640	3" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$93.97	\$87.01	\$0.00	\$180.98

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		Units	Labor	Material	Equipment	Total
109641	4" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$129.92	\$116.94	\$0.00	\$246.86
109642	5" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$189.57	\$223.75	\$0.00	\$413.32
109643	6" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$232.05	\$262.32	\$0.00	\$494.37
109644	8" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$326.83	\$502.91	\$0.00	\$829.74
109645	10" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$423.25	\$808.78	\$0.00	\$1,232.03
109646	12" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$457.56	\$939.07	\$0.00	\$1,396.63
109647	14" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$565.42	\$1,136.57	\$0.00	\$1,701.99
109648	16" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$634.87	\$1,436.92	\$0.00	\$2,071.79
109649	18" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$719.84	\$1,756.15	\$0.00	\$2,475.99
109650	20" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$808.90	\$2,542.57	\$0.00	\$3,351.47
109651	24" Hot Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$976.41	\$3,319.13	\$0.00	\$4,295.54
109652	3" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$69.45	\$36.74	\$0.00	\$106.19
109653	4" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$75.18	\$46.53	\$0.00	\$121.71
109654	5" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$89.06	\$63.89	\$0.00	\$152.95
109655	6" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$94.78	\$74.59	\$0.00	\$169.37
109656	8" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$122.56	\$96.79	\$0.00	\$219.35
109657	10" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$147.89	\$128.08	\$0.00	\$275.97
109658	12" Hot Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$168.31	\$188.49	\$0.00	\$356.80
109659	1/2" Pipe - PEX, Crimp Ring	LF	\$17.97	\$2.21	\$0.00	\$20.18
109660	3/4" Pipe - PEX, Crimp Ring	LF	\$17.97	\$2.47	\$0.00	\$20.44
109661	1" Pipe - PEX, Crimp Ring	LF	\$13.89	\$2.67	\$0.00	\$16.56
109662	1-1/4" Pipe - PEX, Crimp Ring	LF	\$17.16	\$3.95	\$0.00	\$21.11
109663	1-1/2" Pipe - PEX, Crimp Ring	LF	\$17.16	\$5.67	\$0.00	\$22.83
109664	2" Pipe - PEX, Crimp Ring	LF	\$17.16	\$6.58	\$0.00	\$23.74
109665	1/2" Fitting - PEX, Crimp Ring	EA	\$7.35	\$1.50	\$0.00	\$8.85
109666	3/4" Fitting - PEX, Crimp Ring	EA	\$9.81	\$1.99	\$0.00	\$11.80
109667	1" Fitting - PEX, Crimp Ring	EA	\$11.44	\$3.91	\$0.00	\$15.35
109668	1-1/4" Fitting - PEX, Crimp Ring	EA	\$13.89	\$9.40	\$0.00	\$23.29

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		Units	Labor	Material	Equipment	Total
109669	1-1/2" Fitting - PEX, Crimp Ring	EA	\$17.16	\$12.99	\$0.00	\$30.15
109670	2" Fitting - PEX, Crimp Ring	EA	\$21.24	\$35.77	\$0.00	\$57.01
23-21-13	Chilled Water Piping					
109671	1/2" Chilled Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$17.97	\$4.60	\$0.00	\$22.57
109672	3/4" Chilled Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$6.36	\$0.00	\$25.15
109673	1" Chilled Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$8.47	\$0.00	\$27.26
109674	1-1/4" Chilled Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$19.61	\$11.78	\$0.00	\$31.39
109675	1-1/2" Chilled Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$18.79	\$15.23	\$0.00	\$34.02
109676	2" Chilled Water Pipe - Copper, Type L, Hard Drawn, Press Joint	LF	\$19.61	\$21.84	\$0.00	\$41.45
109677	1/2" Chilled Water Fitting - Copper, Wrot, Press Joint	EA	\$9.81	\$4.66	\$0.00	\$14.47
109678	3/4" Chilled Water Fitting - Copper, Wrot, Press Joint	EA	\$13.89	\$7.90	\$0.00	\$21.79
109679	1" Chilled Water Fitting - Copper, Wrot, Press Joint	EA	\$14.71	\$15.24	\$0.00	\$29.95
109680	1-1/4" Chilled Water Fitting - Copper, Wrot, Press Joint	EA	\$17.16	\$28.79	\$0.00	\$45.95
109681	1-1/2" Chilled Water Fitting - Copper, Wrot, Press Joint	EA	\$20.42	\$54.64	\$0.00	\$75.06
109682	2" Chilled Water Fitting - Copper, Wrot, Press Joint	EA	\$23.69	\$72.58	\$0.00	\$96.27
109683	1/2" Chilled Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
109684	3/4" Chilled Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15
109685	1" Chilled Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26
109686	1-1/4" Chilled Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
109687	1-1/2" Chilled Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
109688	2" Chilled Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
109689	1/2" Chilled Water Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
109690	3/4" Chilled Water Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
109691	1" Chilled Water Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
109692	1-1/4" Chilled Water Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
109693	1-1/2" Chilled Water Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00
109694	2" Chilled Water Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
109695	2-1/2" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95

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		Units	Labor	Material	Equipment	Total
109696	3" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
109697	4" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
109698	5" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49
109699	6" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00
109700	8" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
109701	10" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
109702	12" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
109703	14" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$76.81	\$164.88	\$0.00	\$241.69
109704	16" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$82.52	\$185.65	\$0.00	\$268.17
109705	18" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$87.42	\$299.06	\$0.00	\$386.48
109706	20" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$92.33	\$327.42	\$0.00	\$419.75
109707	24" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$102.13	\$397.94	\$0.00	\$500.07
109708	2-1/2" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
109709	3" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80
109710	4" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
109711	5" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
109712	6" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
109713	8" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90
109714	10" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39
109715	12" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15

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		Units	Labor	Material	Equipment	Total
109716	14" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,339.19	\$874.67	\$0.00	\$2,213.86
109717	16" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,543.45	\$1,092.72	\$0.00	\$2,636.17
109718	18" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,759.17	\$1,572.28	\$0.00	\$3,331.45
109719	20" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,968.33	\$2,302.25	\$0.00	\$4,270.58
109720	24" Chilled Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$2,385.04	\$3,139.81	\$0.00	\$5,524.85
109721	2-1/2" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$24.51	\$16.72	\$0.00	\$41.23
109722	3" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$26.97	\$20.53	\$0.00	\$47.50
109723	4" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$31.05	\$27.35	\$0.00	\$58.40
109724	5" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$34.32	\$36.00	\$0.00	\$70.32
109725	6" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$38.40	\$45.24	\$0.00	\$83.64
109726	8" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$44.13	\$72.26	\$0.00	\$116.39
109727	10" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$52.29	\$115.26	\$0.00	\$167.55
109728	12" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$58.02	\$140.29	\$0.00	\$198.31
109729	14" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$60.47	\$164.88	\$0.00	\$225.35
109730	16" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$62.92	\$185.65	\$0.00	\$248.57
109731	18" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$63.73	\$299.06	\$0.00	\$362.79
109732	20" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$67.82	\$327.42	\$0.00	\$395.24
109733	24" Chilled Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$73.54	\$397.94	\$0.00	\$471.48
109734	2-1/2" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$86.61	\$66.48	\$0.00	\$153.09
109735	3" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$93.97	\$87.01	\$0.00	\$180.98

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		Units	Labor	Material	Equipment	Total
109736	4" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$129.92	\$116.94	\$0.00	\$246.86
109737	5" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$189.57	\$223.75	\$0.00	\$413.32
109738	6" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$232.05	\$262.32	\$0.00	\$494.37
109739	8" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$326.83	\$502.91	\$0.00	\$829.74
109740	10" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$423.25	\$808.78	\$0.00	\$1,232.03
109741	12" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$457.56	\$939.07	\$0.00	\$1,396.63
109742	14" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$565.42	\$1,136.57	\$0.00	\$1,701.99
109743	16" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$634.87	\$1,436.92	\$0.00	\$2,071.79
109744	18" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$719.84	\$1,756.15	\$0.00	\$2,475.99
109745	20" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$808.90	\$2,542.57	\$0.00	\$3,351.47
109746	24" Chilled Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$976.41	\$3,319.13	\$0.00	\$4,295.54
109747	3" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$69.45	\$36.74	\$0.00	\$106.19
109748	4" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$75.18	\$46.53	\$0.00	\$121.71
109749	5" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$89.06	\$63.89	\$0.00	\$152.95
109750	6" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$94.78	\$74.59	\$0.00	\$169.37
109751	8" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$122.56	\$96.79	\$0.00	\$219.35
109752	10" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$147.89	\$128.08	\$0.00	\$275.97
109753	12" Chilled Water Pipe - Pre-Insulated, Standard Weight Steel Carrier, PVC Conduit Casing, Includes Fittings	LF	\$168.31	\$188.49	\$0.00	\$356.80
23-21-14	Condenser Water Piping					
109754	1/2" Condenser Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
109755	3/4" Condenser Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15

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		Units	Labor	Material	Equipment	Total
109756	1" Condenser Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26
109757	1-1/4" Condenser Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
109758	1-1/2" Condenser Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
109759	2" Condenser Water Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
109760	1/2" Condenser Water Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
109761	3/4" Condenser Water Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
109762	1" Condenser Water Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
109763	1-1/4" Condenser Water Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
109764	1-1/2" Condenser Water Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00
109765	2" Condenser Water Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
109766	2-1/2" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95
109767	3" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
109768	4" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
109769	5" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49
109770	6" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00
109771	8" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
109772	10" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
109773	12" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
109774	14" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$76.81	\$164.88	\$0.00	\$241.69
109775	16" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$82.52	\$185.65	\$0.00	\$268.17
109776	18" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$87.42	\$299.06	\$0.00	\$386.48
109777	20" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$92.33	\$327.42	\$0.00	\$419.75

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		Units	Labor	Material	Equipment	Total
109778	24" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$102.13	\$397.94	\$0.00	\$500.07
109779	2-1/2" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
109780	3" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80
109781	4" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
109782	5" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
109783	6" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
109784	8" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90
109785	10" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39
109786	12" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15
109787	14" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,339.19	\$874.67	\$0.00	\$2,213.86
109788	16" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,543.45	\$1,092.72	\$0.00	\$2,636.17
109789	18" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,759.17	\$1,572.28	\$0.00	\$3,331.45
109790	20" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,968.33	\$2,302.25	\$0.00	\$4,270.58
109791	24" Condenser Water Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$2,385.04	\$3,139.81	\$0.00	\$5,524.85
109792	2-1/2" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$24.51	\$16.72	\$0.00	\$41.23
109793	3" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$26.97	\$20.53	\$0.00	\$47.50
109794	4" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$31.05	\$27.35	\$0.00	\$58.40
109795	5" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$34.32	\$36.00	\$0.00	\$70.32
109796	6" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$38.40	\$45.24	\$0.00	\$83.64
109797	8" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$44.13	\$72.26	\$0.00	\$116.39

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		Units	Labor	Material	Equipment	Total
109798	10" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$52.29	\$115.26	\$0.00	\$167.55
109799	12" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$58.02	\$140.29	\$0.00	\$198.31
109800	14" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$60.47	\$164.88	\$0.00	\$225.35
109801	16" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$62.92	\$185.65	\$0.00	\$248.57
109802	18" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$63.73	\$299.06	\$0.00	\$362.79
109803	20" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$67.82	\$327.42	\$0.00	\$395.24
109804	24" Condenser Water Pipe - Carbon Steel, Standard Weight, ERW, Grooved	LF	\$73.54	\$397.94	\$0.00	\$471.48
109805	2-1/2" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$86.61	\$66.48	\$0.00	\$153.09
109806	3" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$93.97	\$87.01	\$0.00	\$180.98
109807	4" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$129.92	\$116.94	\$0.00	\$246.86
109808	5" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$189.57	\$223.75	\$0.00	\$413.32
109809	6" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$232.05	\$262.32	\$0.00	\$494.37
109810	8" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$326.83	\$502.91	\$0.00	\$829.74
109811	10" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$423.25	\$808.78	\$0.00	\$1,232.03
109812	12" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$457.56	\$939.07	\$0.00	\$1,396.63
109813	14" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$565.42	\$1,136.57	\$0.00	\$1,701.99
109814	16" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$634.87	\$1,436.92	\$0.00	\$2,071.79
109815	18" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$719.84	\$1,756.15	\$0.00	\$2,475.99
109816	20" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$808.90	\$2,542.57	\$0.00	\$3,351.47
109817	24" Condenser Water Fitting - Carbon Steel, Standard Weight, Grooved	EA	\$976.41	\$3,319.13	\$0.00	\$4,295.54

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		Units	Labor	Material	Equipment	Total
109818	1" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$4.08	\$1.00	\$0.00	\$5.08
109819	1-1/4" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$4.08	\$1.63	\$0.00	\$5.71
109820	1-1/2" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$4.08	\$2.15	\$0.00	\$6.23
109821	2" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$4.08	\$2.88	\$0.00	\$6.96
109822	3" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$4.90	\$4.46	\$0.00	\$9.36
109823	4" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$5.72	\$6.55	\$0.00	\$12.27
109824	6" Geothermal Water Pipe - HDPE Polyethylene, DR-11, Butt Fusion	LF	\$8.18	\$12.82	\$0.00	\$21.00
109825	1" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$54.74	\$7.55	\$0.00	\$62.29
109826	1-1/4" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$58.83	\$9.18	\$0.00	\$68.01
109827	1-1/2" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$66.18	\$12.41	\$0.00	\$78.59
109828	2" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$68.63	\$14.06	\$0.00	\$82.69
109829	3" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$80.89	\$24.17	\$0.00	\$105.06
109830	4" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$98.87	\$33.77	\$0.00	\$132.64
109831	6" Geothermal Water Fitting - HDPE Polyethylene, DR-11, Butt Fusion	EA	\$148.71	\$94.27	\$0.00	\$242.98
23-21-15	Condensate Drain Piping					
501172	1" Condensate Drain Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement Includes pipe straps. Excludes hanger assemblies. - Added: 6/29/2023	LF	\$18.13	\$2.19	\$0.00	\$20.32
501173	1" Condensate Drain Fitting - PVC, Schedule 40, Solvent Cement - Added: 6/29/2023	EA	\$26.50	\$1.83	\$0.00	\$28.33
501174	1" Condensate Drain Fitting - PVC, Schedule 40, Solvent Cement - Added: 6/29/2023	EA	\$22.49	\$1.83	\$0.00	\$24.32

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		Units	Labor	Material	Equipment	Total
501175	1" Condensate Drain Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement Includes pipe straps. Excludes hanger assemblies. - Added: 6/29/2023	LF	\$15.39	\$2.19	\$0.00	\$17.58
109832	80 GPH Condensate Removal Pump Little Giant Vcma-15 Or 20.	EA	\$138.90	\$68.26	\$0.00	\$207.16
109833	270 GPH Condensate Removal Pump Little Giant Vcl-14 Or 24.	EA	\$163.42	\$142.62	\$0.00	\$306.04
109834	450 GPH Condensate Removal Pump Little Giant Vcl-45.	EA	\$220.62	\$315.72	\$0.00	\$536.34
109835	1/2" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$17.97	\$4.60	\$0.00	\$22.57
109836	3/4" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$6.36	\$0.00	\$25.15
109837	1" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$18.79	\$8.47	\$0.00	\$27.26
109838	1-1/4" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$11.78	\$0.00	\$32.20
109839	1-1/2" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$19.61	\$15.23	\$0.00	\$34.84
109840	2" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$20.42	\$21.84	\$0.00	\$42.26
109841	2-1/2" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$21.24	\$29.38	\$0.00	\$50.62
109842	3" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$23.69	\$41.12	\$0.00	\$64.81
109843	4" Condensate Drain Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$26.15	\$65.84	\$0.00	\$91.99
109844	1/2" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.40	\$0.00	\$36.53
109845	3/4" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.95	\$0.00	\$50.53
109846	1" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$10.72	\$0.00	\$65.46
109847	1-1/4" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$15.30	\$0.00	\$76.58
109848	1-1/2" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$23.45	\$0.00	\$88.00
109849	2" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$40.00	\$0.00	\$114.36
109850	2-1/2" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$120.11	\$73.24	\$0.00	\$193.35
109851	3" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$143.81	\$104.70	\$0.00	\$248.51
109852	4" Condensate Drain Fitting - Copper, Wrot, Soldered	EA	\$192.83	\$236.78	\$0.00	\$429.61

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		Units	Labor	Material	Equipment	Total
23-21-16	Hydronic Piping Specialties					
109853	Expansion Tank, Air Separator & Make-Up Water Hook-Up (1) Each Includes Hook-Ups for All Three Items	EA	\$2,612.19	\$1,715.13	\$0.00	\$4,327.32
109854	2" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$58.83	\$3,458.18	\$0.00	\$3,517.01
109855	2-1/2" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$130.73	\$3,726.36	\$0.00	\$3,857.09
109856	3" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$163.42	\$5,040.44	\$0.00	\$5,203.86
109857	4" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$204.27	\$5,563.39	\$0.00	\$5,767.66
109858	5" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$261.46	\$8,714.27	\$0.00	\$8,975.73
109859	6" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$326.83	\$11,360.71	\$0.00	\$11,687.54
109860	8" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$449.39	\$18,159.08	\$0.00	\$18,608.47
109861	10" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$571.95	\$23,605.69	\$0.00	\$24,177.64
109862	12" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$694.51	\$27,415.31	\$0.00	\$28,109.82
109863	14" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$890.62	\$32,644.82	\$0.00	\$33,535.44
109864	16" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$980.49	\$48,650.29	\$0.00	\$49,630.78
109865	18" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$1,103.05	\$64,021.88	\$0.00	\$65,124.93
109866	20" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$1,225.61	\$74,322.43	\$0.00	\$75,548.04
109867	24" Air & Dirt Separator W/Strainer Spirotherm Spirovent Vdn Or Equal.	EA	\$1,634.15	\$121,912.19	\$0.00	\$123,546.34
109868	250 Gallon Steel Chilled Water Buffer Tank	EA	\$392.20	\$12,663.53	\$0.00	\$13,055.73
109869	500 Gallon Steel Chilled Water Buffer Tank	EA	\$653.66	\$16,237.56	\$0.00	\$16,891.22

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		Units	Labor	Material	Equipment	Total
109870	750 Gallon Steel Chilled Water Buffer Tank	EA	\$653.66	\$22,382.05	\$0.00	\$23,035.71
109871	50 Gallon Expansion Tank - Steel Bladder Type	EA	\$294.15	\$4,939.00	\$0.00	\$5,233.15
109872	Bell & Gossett Series B Or Equal. 100 Gallon Expansion Tank - Steel Bladder Type	EA	\$294.15	\$5,424.40	\$0.00	\$5,718.55
109873	Bell & Gossett Series B Or Equal. 150 Gallon Expansion Tank - Steel Bladder Type	EA	\$310.49	\$7,493.50	\$0.00	\$7,803.99
109874	Bell & Gossett Series B Or Equal. 200 Gallon Expansion Tank - Steel Bladder Type	EA	\$392.20	\$8,667.86	\$0.00	\$9,060.06
109875	Bell & Gossett Series B Or Equal. 250 Gallon Expansion Tank - Steel Bladder Type	EA	\$392.20	\$9,589.45	\$0.00	\$9,981.65
109876	Bell & Gossett Series B Or Equal. 300 Gallon Expansion Tank - Steel Bladder Type	EA	\$588.29	\$11,352.10	\$0.00	\$11,940.39
109877	Bell & Gossett Series B Or Equal. 350 Gallon Expansion Tank - Steel Bladder Type	EA	\$588.29	\$13,644.88	\$0.00	\$14,233.17
109878	Bell & Gossett Series B Or Equal. 400 Gallon Expansion Tank - Steel Bladder Type	EA	\$588.29	\$16,776.49	\$0.00	\$17,364.78
109879	Bell & Gossett Series B Or Equal. 450 Gallon Expansion Tank - Steel Bladder Type	EA	\$653.66	\$17,671.23	\$0.00	\$18,324.89
109880	Bell & Gossett Series B Or Equal. 500 Gallon Expansion Tank - Steel Bladder Type	EA	\$653.66	\$18,342.29	\$0.00	\$18,995.95
109881	Bell & Gossett Series B Or Equal. 750 Gallon Expansion Tank - Steel Bladder Type	EA	\$653.66	\$26,238.43	\$0.00	\$26,892.09
109882	Bell & Gossett Series B Or Equal. 1,000 Gallon Expansion Tank - Steel Bladder Type	EA	\$980.49	\$34,139.03	\$0.00	\$35,119.52
109883	Bell & Gossett Series B Or Equal. 1,500 Gallon Expansion Tank - Steel Bladder Type	EA	\$980.49	\$51,224.21	\$0.00	\$52,204.70
109884	Bell & Gossett Series B Or Equal. 2,000 Gallon Expansion Tank - Steel Bladder Type	EA	\$1,470.74	\$68,278.07	\$0.00	\$69,748.81
109885	6" Duplex Basket Strainer	EA	\$652.84	\$2,929.00	\$0.00	\$3,581.84
109886	8" Duplex Basket Strainer	EA	\$818.71	\$4,827.25	\$0.00	\$5,645.96
109887	10" Duplex Basket Strainer	EA	\$900.42	\$8,879.83	\$0.00	\$9,780.25
109888	12" Duplex Basket Strainer	EA	\$1,027.06	\$11,821.64	\$0.00	\$12,848.70
109889	1" & Dn Wye Type Strainer Cast Iron, Threaded	EA	\$86.28	\$27.35	\$0.00	\$113.63
109890	1-1/4" to 2" Wye Type Strainer Cast Iron, Threaded	EA	\$128.28	\$54.71	\$0.00	\$182.99
109891	2-1/2" Wye Type Strainer Cast Iron, Flanged	EA	\$151.97	\$228.90	\$0.00	\$380.87
109892	3" Wye Type Strainer Cast Iron, Flanged	EA	\$151.97	\$272.09	\$0.00	\$424.06
109893	4" Wye Type Strainer Cast Iron, Flanged	EA	\$251.65	\$416.06	\$0.00	\$667.71
109894	6" Wye Type Strainer Cast Iron, Flanged	EA	\$368.51	\$1,150.27	\$0.00	\$1,518.78

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		Units	Labor	Material	Equipment	Total
109895	8" Wye Type Strainer Cast Iron, Flanged	EA	\$406.09	\$1,783.71	\$0.00	\$2,189.80
109896	10" Wye Type Strainer Cast Iron, Flanged	EA	\$544.17	\$2,707.24	\$0.00	\$3,251.41
109897	12" Wye Type Strainer Cast Iron, Flanged	EA	\$656.93	\$3,816.10	\$0.00	\$4,473.03
109898	14" Wye Type Strainer Cast Iron, Flanged	EA	\$857.11	\$8,253.11	\$0.00	\$9,110.22
109899	1/2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$56.37	\$30.54	\$0.00	\$86.91
109900	3/4" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$82.52	\$30.60	\$0.00	\$113.12
109901	1" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$98.87	\$30.84	\$0.00	\$129.71
109902	1-1/4" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$115.21	\$31.47	\$0.00	\$146.68
109903	1-1/2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$132.36	\$31.65	\$0.00	\$164.01
109904	2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$169.13	\$36.36	\$0.00	\$205.49
109905	2-1/2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$195.28	\$38.25	\$0.00	\$233.53
109906	3" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$203.45	\$41.71	\$0.00	\$245.16
109907	4" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$278.62	\$62.67	\$0.00	\$341.29
109908	5" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$322.75	\$99.14	\$0.00	\$421.89
109909	6" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$345.62	\$98.18	\$0.00	\$443.80
109910	8" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$424.06	\$134.87	\$0.00	\$558.93
109911	10" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$559.69	\$262.17	\$0.00	\$821.86
109912	12" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$670.82	\$323.61	\$0.00	\$994.43
109913	2" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$21.24	\$207.82	\$0.00	\$229.06

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		Units	Labor	Material	Equipment	Total
109914	2-1/2" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$27.78	\$253.14	\$0.00	\$280.92
109915	3" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$32.68	\$270.68	\$0.00	\$303.36
109916	4" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$53.92	\$372.99	\$0.00	\$426.91
109917	5" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$62.10	\$448.70	\$0.00	\$510.80
109918	6" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$74.36	\$485.43	\$0.00	\$559.79
109919	8" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$89.88	\$545.39	\$0.00	\$635.27
109920	10" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$124.20	\$908.02	\$0.00	\$1,032.22
109921	12" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$130.73	\$1,150.37	\$0.00	\$1,281.10
23-21-23	Hydronic Pumps					
109922	5 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$980.49	\$9,092.22	\$0.00	\$10,072.71
109923	7-1/2 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$980.49	\$10,968.26	\$0.00	\$11,948.75
109924	10 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$12,844.30	\$0.00	\$14,020.89
109925	15 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$16,036.86	\$0.00	\$17,213.45
109926	20 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$17,633.14	\$0.00	\$18,809.73
109927	25 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$19,229.42	\$0.00	\$20,406.01

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		Units	Labor	Material	Equipment	Total
109928	30 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$20,825.70	\$0.00	\$22,002.29
109929	40 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$24,018.26	\$0.00	\$25,194.85
109930	50 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$27,210.82	\$0.00	\$28,387.41
109931	60 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$2,353.18	\$30,403.38	\$0.00	\$32,756.56
109932	75 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$35,192.23	\$0.00	\$38,329.80
109933	100 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$43,173.63	\$0.00	\$46,311.20
109934	125 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$51,155.03	\$0.00	\$54,292.60
109935	150 HP End Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$59,136.43	\$0.00	\$62,274.00
109936	2-1/2" End Suction Centrifugal Pump Hook-Up	EA	\$1,781.22	\$1,804.12	\$0.00	\$3,585.34
109937	4" End Suction Centrifugal Pump Hook-Up	EA	\$2,614.64	\$2,852.46	\$0.00	\$5,467.10
109938	6" End Suction Centrifugal Pump Hook-Up	EA	\$3,350.01	\$4,729.72	\$0.00	\$8,079.73
109939	8" End Suction Centrifugal Pump Hook-Up	EA	\$3,840.25	\$6,887.35	\$0.00	\$10,727.60
109940	10" End Suction Centrifugal Pump Hook-Up	EA	\$4,657.33	\$10,660.16	\$0.00	\$15,317.49
109941	12" End Suction Centrifugal Pump Hook-Up	EA	\$5,556.11	\$14,140.40	\$0.00	\$19,696.51
109942	1/2 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$3,209.02	\$0.00	\$3,797.31
109943	1 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$3,488.78	\$0.00	\$4,077.07
109944	2 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$4,122.35	\$0.00	\$4,710.64
109945	3 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$4,862.90	\$0.00	\$5,451.19
109946	5 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$6,780.08	\$0.00	\$7,368.37

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		Units	Labor	Material	Equipment	Total
109947	7-1/2 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$11,437.27	\$0.00	\$12,025.56
109948	10 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$14,572.23	\$0.00	\$15,160.52
109949	15 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$18,990.80	\$0.00	\$19,579.09
109950	20 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$588.29	\$22,125.76	\$0.00	\$22,714.05
109951	25 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$784.39	\$24,553.10	\$0.00	\$25,337.49
109952	30 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$784.39	\$26,544.33	\$0.00	\$27,328.72
109953	40 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$784.39	\$29,679.30	\$0.00	\$30,463.69
109954	50 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$784.39	\$32,106.63	\$0.00	\$32,891.02
109955	60 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$980.49	\$34,097.87	\$0.00	\$35,078.36
109956	75 HP In-Line Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$980.49	\$36,525.20	\$0.00	\$37,505.69
109957	2" & Dn In-Line Centrifugal Pump Hook-Up	EA	\$743.53	\$1,224.31	\$0.00	\$1,967.84
109958	2-1/2" In-Line Centrifugal Pump Hook-Up	EA	\$1,372.69	\$902.06	\$0.00	\$2,274.75
109959	4" In-Line Centrifugal Pump Hook-Up	EA	\$1,920.12	\$1,426.23	\$0.00	\$3,346.35
109960	6" In-Line Centrifugal Pump Hook-Up	EA	\$2,287.81	\$2,364.86	\$0.00	\$4,652.67
109961	8" In-Line Centrifugal Pump Hook-Up	EA	\$2,720.85	\$3,443.68	\$0.00	\$6,164.53
109962	5 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$6,525.00	\$0.00	\$7,701.59
109963	10 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$10,672.04	\$0.00	\$11,848.63
109964	15 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$14,234.87	\$0.00	\$15,411.46
109965	20 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$17,460.35	\$0.00	\$18,636.94

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		Units	Labor	Material	Equipment	Total
109966	25 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$20,463.66	\$0.00	\$21,640.25
109967	30 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$23,294.18	\$0.00	\$24,470.77
109968	40 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$28,576.71	\$0.00	\$29,753.30
109969	50 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$1,176.59	\$33,480.75	\$0.00	\$34,657.34
109970	60 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$2,353.18	\$38,113.25	\$0.00	\$40,466.43
109971	75 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$44,654.71	\$0.00	\$47,792.28
109972	100 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$54,775.46	\$0.00	\$57,913.03
109973	125 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,137.57	\$64,188.58	\$0.00	\$67,326.15
109974	150 HP Double-Suction Centrifugal Pump Includes Suction Diffuser & Triple Duty Valve.	EA	\$3,921.96	\$73,058.63	\$0.00	\$76,980.59
109975	2-1/2" Double-Suction Centrifugal Pump Hook-Up	EA	\$2,369.52	\$1,913.83	\$0.00	\$4,283.35
109976	4" Double-Suction Centrifugal Pump Hook-Up	EA	\$3,431.72	\$3,023.12	\$0.00	\$6,454.84
109977	6" Double-Suction Centrifugal Pump Hook-Up	EA	\$4,412.20	\$5,010.09	\$0.00	\$9,422.29
109978	8" Double-Suction Centrifugal Pump Hook-Up	EA	\$5,310.99	\$7,314.00	\$0.00	\$12,624.99
109979	10" Double-Suction Centrifugal Pump Hook-Up	EA	\$6,209.77	\$11,300.13	\$0.00	\$17,509.90
109980	12" Double-Suction Centrifugal Pump Hook-Up	EA	\$7,353.68	\$14,993.70	\$0.00	\$22,347.38
109981	14" Double-Suction Centrifugal Pump Hook-Up	EA	\$8,415.87	\$19,260.20	\$0.00	\$27,676.07

23-22-00 Steam and Condensate Piping and Pumps

23-22-13 Steam and Condensate Heating Piping

109982	1/2" Steam Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.16	\$6.55	\$0.00	\$23.71
109983	3/4" Steam Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$17.97	\$7.84	\$0.00	\$25.81

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		Units	Labor	Material	Equipment	Total
109984	1" Steam Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$18.79	\$10.01	\$0.00	\$28.80
109985	1-1/4" Steam Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$23.69	\$14.04	\$0.00	\$37.73
109986	1-1/2" Steam Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$20.42	\$16.85	\$0.00	\$37.27
109987	2" Steam Pipe - Carbon Steel, Standard Weight, ERW, Threaded	LF	\$21.24	\$21.32	\$0.00	\$42.56
109988	1/2" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Threaded	LF	\$17.16	\$11.54	\$0.00	\$28.70
109989	3/4" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Threaded	LF	\$17.97	\$14.13	\$0.00	\$32.10
109990	1" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Threaded	LF	\$18.79	\$18.46	\$0.00	\$37.25
109991	1-1/4" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Threaded	LF	\$23.69	\$25.53	\$0.00	\$49.22
109992	1-1/2" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Threaded	LF	\$20.42	\$30.58	\$0.00	\$51.00
109993	2" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Threaded	LF	\$21.24	\$39.84	\$0.00	\$61.08
109994	1/2" Steam Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$44.13	\$3.80	\$0.00	\$47.93
109995	3/4" Steam Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$60.47	\$4.90	\$0.00	\$65.37
109996	1" Steam Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$74.36	\$8.63	\$0.00	\$82.99
109997	1-1/4" Steam Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$85.79	\$13.98	\$0.00	\$99.77
109998	1-1/2" Steam Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$93.15	\$17.97	\$0.00	\$111.12
109999	2" Steam Fitting - Cast Iron 125 PSI or Malleable Iron 150 PSI, Threaded	EA	\$114.39	\$30.67	\$0.00	\$145.06
110000	2-1/2" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$30.23	\$16.72	\$0.00	\$46.95
110001	3" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$31.87	\$20.53	\$0.00	\$52.40
110002	4" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$36.77	\$27.35	\$0.00	\$64.12
110003	5" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$42.49	\$36.00	\$0.00	\$78.49

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		Units	Labor	Material	Equipment	Total
110004	6" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$45.24	\$0.00	\$91.00
110005	8" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$53.92	\$72.26	\$0.00	\$126.18
110006	10" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$62.92	\$115.26	\$0.00	\$178.18
110007	12" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$71.08	\$140.29	\$0.00	\$211.37
110008	14" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$76.81	\$164.88	\$0.00	\$241.69
110009	16" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$82.52	\$185.65	\$0.00	\$268.17
110010	18" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$87.42	\$299.06	\$0.00	\$386.48
110011	20" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$92.33	\$327.42	\$0.00	\$419.75
110012	24" Steam Pipe - Carbon Steel, Standard Weight, ERW, Butt Weld	LF	\$102.13	\$397.94	\$0.00	\$500.07
110013	2-1/2" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$30.23	\$29.02	\$0.00	\$59.25
110014	3" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$31.87	\$36.62	\$0.00	\$68.49
110015	4" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$36.77	\$50.26	\$0.00	\$87.03
110016	5" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$42.49	\$67.03	\$0.00	\$109.52
110017	6" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$45.76	\$85.50	\$0.00	\$131.26
110018	8" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$53.92	\$138.89	\$0.00	\$192.81
110019	10" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$62.92	\$222.41	\$0.00	\$285.33
110020	12" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$71.08	\$271.48	\$0.00	\$342.56
110021	14" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$76.81	\$316.53	\$0.00	\$393.34
110022	16" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$82.52	\$351.30	\$0.00	\$433.82
110023	18" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$87.42	\$578.10	\$0.00	\$665.52

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		Units	Labor	Material	Equipment	Total
110024	20" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$92.33	\$628.37	\$0.00	\$720.70
110025	24" Steam Pipe - Carbon Steel, Standard Weight, Seamless, Butt Weld	LF	\$102.13	\$758.80	\$0.00	\$860.93
110026	2-1/2" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$323.56	\$31.13	\$0.00	\$354.69
110027	3" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$340.72	\$36.08	\$0.00	\$376.80
110028	4" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$423.25	\$54.55	\$0.00	\$477.80
110029	5" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$493.51	\$103.38	\$0.00	\$596.89
110030	6" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$526.19	\$106.59	\$0.00	\$632.78
110031	8" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$707.58	\$194.32	\$0.00	\$901.90
110032	10" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$907.78	\$384.61	\$0.00	\$1,292.39
110033	12" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,121.03	\$556.12	\$0.00	\$1,677.15
110034	14" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,339.19	\$874.67	\$0.00	\$2,213.86
110035	16" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,543.45	\$1,092.72	\$0.00	\$2,636.17
110036	18" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,759.17	\$1,572.28	\$0.00	\$3,331.45
110037	20" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$1,968.33	\$2,302.25	\$0.00	\$4,270.58
110038	24" Steam Fitting - Carbon Steel, Standard Weight, Butt Weld	EA	\$2,385.04	\$3,139.81	\$0.00	\$5,524.85
110039	1/2" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Threaded	LF	\$17.16	\$6.38	\$0.00	\$23.54
110040	3/4" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Threaded	LF	\$17.97	\$7.78	\$0.00	\$25.75
110041	1" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Threaded	LF	\$19.61	\$10.03	\$0.00	\$29.64
110042	1-1/4" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Threaded	LF	\$23.69	\$14.01	\$0.00	\$37.70
110043	1-1/2" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Threaded	LF	\$21.24	\$16.63	\$0.00	\$37.87
110044	2" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Threaded	LF	\$21.24	\$20.54	\$0.00	\$41.78
110045	1/2" Clean Steam Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$51.47	\$7.67	\$0.00	\$59.14

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		Units	Labor	Material	Equipment	Total
110046	3/4" Clean Steam Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$72.71	\$8.74	\$0.00	\$81.45
110047	1" Clean Steam Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$88.24	\$11.67	\$0.00	\$99.91
110048	1-1/4" Clean Steam Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$102.13	\$18.63	\$0.00	\$120.76
110049	1-1/2" Clean Steam Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$111.12	\$22.50	\$0.00	\$133.62
110050	2" Clean Steam Fitting - Stainless Steel, Type 304, 150 PSI, Threaded	EA	\$136.45	\$30.54	\$0.00	\$166.99
110051	2-1/2" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$35.95	\$32.63	\$0.00	\$68.58
110052	3" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$38.40	\$41.03	\$0.00	\$79.43
110053	4" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$45.76	\$55.73	\$0.00	\$101.49
110054	5" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$51.47	\$77.21	\$0.00	\$128.68
110055	6" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$55.56	\$95.31	\$0.00	\$150.87
110056	8" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$66.18	\$147.26	\$0.00	\$213.44
110057	10" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$80.07	\$260.07	\$0.00	\$340.14
110058	12" Clean Steam Pipe - Stainless Steel, Type 304, Standard Weight, ERW, Butt Weld	LF	\$92.33	\$316.95	\$0.00	\$409.28
110059	2-1/2" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$638.14	\$52.87	\$0.00	\$691.01
110060	3" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$670.00	\$45.75	\$0.00	\$715.75
110061	4" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$830.97	\$71.77	\$0.00	\$902.74
110062	5" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$962.52	\$249.88	\$0.00	\$1,212.40
110063	6" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$1,062.20	\$194.37	\$0.00	\$1,256.57
110064	8" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$1,345.72	\$410.91	\$0.00	\$1,756.63

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		Units	Labor	Material	Equipment	Total
110065	10" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$1,709.33	\$645.55	\$0.00	\$2,354.88
110066	12" Clean Steam Fitting - Stainless Steel, Type 304, Standard Weight, Butt Weld	EA	\$2,088.45	\$909.86	\$0.00	\$2,998.31
110067	2-1/2" Steam Pipe - Pre-Insulated, Standard Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$104.58	\$93.44	\$0.00	\$198.02
110068	3" Steam Pipe - Pre-Insulated, Standard Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$107.12	\$107.09	\$0.00	\$214.21
110069	4" Steam Pipe - Pre-Insulated, Standard Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$112.76	\$199.32	\$0.00	\$312.08
110070	6" Steam Pipe - Pre-Insulated, Standard Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$137.26	\$234.44	\$0.00	\$371.70
110071	8" Steam Pipe - Pre-Insulated, Standard Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$171.59	\$301.54	\$0.00	\$473.13
110072	10" Steam Pipe - Pre-Insulated, Standard Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$198.55	\$354.30	\$0.00	\$552.85
110073	12" Steam Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$229.60	\$411.74	\$0.00	\$641.34
110074	14" Steam Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$263.10	\$483.93	\$0.00	\$747.03
110075	1/2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Threaded	LF	\$18.79	\$7.09	\$0.00	\$25.88
110076	3/4" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Threaded	LF	\$19.61	\$8.33	\$0.00	\$27.94
110077	1" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Threaded	LF	\$20.42	\$10.08	\$0.00	\$30.50
110078	1-1/4" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Threaded	LF	\$25.33	\$14.37	\$0.00	\$39.70
110079	1-1/2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Threaded	LF	\$22.87	\$17.26	\$0.00	\$40.13
110080	2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Threaded	LF	\$23.69	\$20.20	\$0.00	\$43.89
110081	1/2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Threaded	LF	\$18.79	\$7.09	\$0.00	\$25.88

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		Units	Labor	Material	Equipment	Total
110082	3/4" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Threaded	LF	\$19.61	\$8.33	\$0.00	\$27.94
110083	1" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Threaded	LF	\$20.42	\$10.08	\$0.00	\$30.50
110084	1-1/4" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Threaded	LF	\$25.33	\$14.37	\$0.00	\$39.70
110085	1-1/2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Threaded	LF	\$22.87	\$17.26	\$0.00	\$40.13
110086	2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Threaded	LF	\$23.69	\$20.20	\$0.00	\$43.89
110087	1/2" Steam Condensate Fitting - Cast Iron 250 PSI or Malleable Iron 300 PSI, Threaded	EA	\$49.02	\$3.80	\$0.00	\$52.82
110088	3/4" Steam Condensate Fitting - Cast Iron 250 PSI or Malleable Iron 300 PSI, Threaded	EA	\$67.00	\$4.90	\$0.00	\$71.90
110089	1" Steam Condensate Fitting - Cast Iron 250 PSI or Malleable Iron 300 PSI, Threaded	EA	\$82.52	\$8.63	\$0.00	\$91.15
110090	1-1/4" Steam Condensate Fitting - Cast Iron 250 PSI or Malleable Iron 300 PSI, Threaded	EA	\$95.60	\$13.98	\$0.00	\$109.58
110091	1-1/2" Steam Condensate Fitting - Cast Iron 250 PSI or Malleable Iron 300 PSI, Threaded	EA	\$103.76	\$17.97	\$0.00	\$121.73
110092	2" Steam Condensate Fitting - Cast Iron 250 PSI or Malleable Iron 300 PSI, Threaded	EA	\$126.65	\$30.67	\$0.00	\$157.32
110093	2-1/2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$35.13	\$22.17	\$0.00	\$57.30
110094	3" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$37.58	\$26.50	\$0.00	\$64.08
110095	4" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$42.49	\$34.21	\$0.00	\$76.70
110096	5" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$49.84	\$44.40	\$0.00	\$94.24
110097	6" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$53.92	\$54.87	\$0.00	\$108.79
110098	8" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$62.92	\$85.95	\$0.00	\$148.87
110099	10" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$73.54	\$136.47	\$0.00	\$210.01
110100	12" Steam Condensate Pipe - Carbon Steel, Extra Heavy, ERW, Butt Weld	LF	\$83.34	\$165.56	\$0.00	\$248.90
110101	2-1/2" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$35.13	\$22.17	\$0.00	\$57.30

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		Units	Labor	Material	Equipment	Total
110102	3" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$37.58	\$26.50	\$0.00	\$64.08
110103	4" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$42.49	\$34.21	\$0.00	\$76.70
110104	5" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$49.84	\$44.40	\$0.00	\$94.24
110105	6" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$53.92	\$54.87	\$0.00	\$108.79
110106	8" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$62.92	\$85.95	\$0.00	\$148.87
110107	10" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$73.54	\$136.47	\$0.00	\$210.01
110108	12" Steam Condensate Pipe - Carbon Steel, Extra Heavy, Seamless, Butt Weld	LF	\$83.34	\$165.56	\$0.00	\$248.90
110109	2-1/2" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$359.51	\$31.13	\$0.00	\$390.64
110110	3" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$378.30	\$36.08	\$0.00	\$414.38
110111	4" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$469.82	\$54.55	\$0.00	\$524.37
110112	5" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$547.43	\$103.38	\$0.00	\$650.81
110113	6" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$584.21	\$106.59	\$0.00	\$690.80
110114	8" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$786.02	\$194.32	\$0.00	\$980.34
110115	10" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$1,007.46	\$384.61	\$0.00	\$1,392.07
110116	12" Steam Condensate Fitting - Carbon Steel, Extra Heavy, Butt Weld	EA	\$1,244.40	\$556.12	\$0.00	\$1,800.52
110117	1/2" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Threaded	LF	\$18.79	\$9.61	\$0.00	\$28.40
110118	3/4" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Threaded	LF	\$20.42	\$11.73	\$0.00	\$32.15
110119	1" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Threaded	LF	\$22.06	\$15.13	\$0.00	\$37.19
110120	1-1/4" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Threaded	LF	\$26.15	\$21.11	\$0.00	\$47.26
110121	1-1/2" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Threaded	LF	\$24.51	\$25.07	\$0.00	\$49.58

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		Units	Labor	Material	Equipment	Total
110122	2" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Threaded	LF	\$24.51	\$30.96	\$0.00	\$55.47
110123	1/2" Clean Steam Condensate Fitting - Stainless Steel, Type 304, 2000 PSI, Threaded	EA	\$58.02	\$11.56	\$0.00	\$69.58
110124	3/4" Clean Steam Condensate Fitting - Stainless Steel, Type 304, 2000 PSI, Threaded	EA	\$81.71	\$13.18	\$0.00	\$94.89
110125	1" Clean Steam Condensate Fitting - Stainless Steel, Type 304, 2000 PSI, Threaded	EA	\$99.68	\$17.59	\$0.00	\$117.27
110126	1-1/4" Clean Steam Condensate Fitting - Stainless Steel, Type 304, 2000 PSI, Threaded	EA	\$116.02	\$28.10	\$0.00	\$144.12
110127	1-1/2" Clean Steam Condensate Fitting - Stainless Steel, Type 304, 2000 PSI, Threaded	EA	\$125.02	\$33.94	\$0.00	\$158.96
110128	2" Clean Steam Condensate Fitting - Stainless Steel, Type 304, 2000 PSI, Threaded	EA	\$153.61	\$46.05	\$0.00	\$199.66
110129	2-1/2" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$40.03	\$49.21	\$0.00	\$89.24
110130	3" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$43.31	\$61.89	\$0.00	\$105.20
110131	4" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$52.29	\$84.04	\$0.00	\$136.33
110132	5" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$58.02	\$116.44	\$0.00	\$174.46
110133	6" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$62.92	\$143.73	\$0.00	\$206.65
110134	8" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$74.36	\$222.05	\$0.00	\$296.41
110135	10" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$89.88	\$392.19	\$0.00	\$482.07
110136	12" Clean Steam Condensate Pipe - Stainless Steel, Type 304, Extra Heavy, ERW, Butt Weld	LF	\$103.76	\$477.97	\$0.00	\$581.73
110137	2-1/2" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$720.66	\$79.72	\$0.00	\$800.38
110138	3" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$757.42	\$68.98	\$0.00	\$826.40
110139	4" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$938.81	\$108.22	\$0.00	\$1,047.03
110140	5" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$1,087.53	\$376.82	\$0.00	\$1,464.35
110141	6" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$1,199.46	\$293.11	\$0.00	\$1,492.57

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		Units	Labor	Material	Equipment	Total
110142	8" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$1,520.58	\$619.64	\$0.00	\$2,140.22
110143	10" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$1,931.56	\$973.48	\$0.00	\$2,905.04
110144	12" Clean Steam Condensate Fitting - Stainless Steel, Type 304, Extra Heavy, Butt Weld	EA	\$2,360.52	\$1,372.07	\$0.00	\$3,732.59
110145	2-1/2" Steam Condensate Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$104.58	\$107.45	\$0.00	\$212.03
110146	3" Steam Condensate Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$107.04	\$123.14	\$0.00	\$230.18
110147	4" Steam Condensate Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$112.76	\$229.22	\$0.00	\$341.98
110148	6" Steam Condensate Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$137.26	\$269.61	\$0.00	\$406.87
110149	8" Steam Condensate Pipe - Pre-Insulated, Extra Heavy Weight Steel Carrier, Epoxy Coated Steel Conduit Casing, Includes Fittings	LF	\$171.59	\$346.77	\$0.00	\$518.36
23-22-16	Steam and Condensate Heating Piping Specialties					
110150	Steam Pressure Reducing Valve (PRV) / Station - 1/3 & 2/3 Arrangement, 2" Inlet & 2-1/2" Outlet	EA	\$7,680.50	\$15,436.45	\$0.00	\$23,116.95
110151	Steam Pressure Reducing Valve (PRV) / Station - 1/3 & 2/3 Arrangement, 2-1/2" Inlet & 4" Outlet	EA	\$10,948.80	\$22,005.16	\$0.00	\$32,953.96
110152	Steam Pressure Reducing Valve (PRV) / Station - 1/3 & 2/3 Arrangement, 4" Inlet & 6" Outlet	EA	\$14,462.23	\$29,066.52	\$0.00	\$43,528.75
110153	Steam Pressure Reducing Valve (PRV) / Station - 1/3 & 2/3 Arrangement, 6" Inlet & 8" Outlet	EA	\$17,321.99	\$34,814.13	\$0.00	\$52,136.12
110154	Under 1" Float & Thermostatic Steam Trap 30 Psi Max Pressure.	EA	\$111.12	\$255.99	\$0.00	\$367.11
110155	1" Float & Thermostatic Steam Trap 30 Psi Max Pressure.	EA	\$124.20	\$271.84	\$0.00	\$396.04
110156	1-1/4" Float & Thermostatic Steam Trap 30 Psi Max Pressure.	EA	\$141.36	\$331.57	\$0.00	\$472.93

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		Units	Labor	Material	Equipment	Total
110157	1-1/2" Float & Thermostatic Steam Trap 30 Psi Max Pressure.	EA	\$174.04	\$486.38	\$0.00	\$660.42
110158	2" Float & Thermostatic Steam Trap 30 Psi Max Pressure.	EA	\$209.99	\$864.27	\$0.00	\$1,074.26
110159	Under 1" Inverted Bucket Steam Trap w/Strainer	EA	\$107.04	\$202.35	\$0.00	\$309.39
110160	1" Inverted Bucket Steam Trap w/Strainer	EA	\$140.54	\$581.46	\$0.00	\$722.00
110161	1-1/4" Inverted Bucket Steam Trap w/Strainer	EA	\$167.50	\$949.60	\$0.00	\$1,117.10
110162	1-1/2" Inverted Bucket Steam Trap w/Strainer	EA	\$201.00	\$1,022.74	\$0.00	\$1,223.74
110163	2" Inverted Bucket Steam Trap w/Strainer	EA	\$267.18	\$1,766.33	\$0.00	\$2,033.51
110164	1/2" Flange, Carbon Steel, 150 lb	EA	\$56.37	\$30.54	\$0.00	\$86.91
110165	3/4" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$82.52	\$30.60	\$0.00	\$113.12
110166	1" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$98.87	\$30.84	\$0.00	\$129.71
110167	1-1/4" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$115.21	\$31.47	\$0.00	\$146.68
110168	1-1/2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$132.36	\$31.65	\$0.00	\$164.01
110169	2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$169.13	\$36.36	\$0.00	\$205.49
110170	2-1/2" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$195.28	\$38.25	\$0.00	\$233.53
110171	3" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$203.45	\$41.71	\$0.00	\$245.16
110172	4" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$278.62	\$62.67	\$0.00	\$341.29
110173	5" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$322.75	\$99.14	\$0.00	\$421.89
110174	6" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$345.62	\$98.18	\$0.00	\$443.80
110175	8" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$424.06	\$134.87	\$0.00	\$558.93
110176	10" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$559.69	\$262.17	\$0.00	\$821.86
110177	12" Flange, Carbon Steel, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$670.82	\$323.61	\$0.00	\$994.43

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		Units	Labor	Material	Equipment	Total
110178	2" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$21.24	\$207.82	\$0.00	\$229.06
110179	2-1/2" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$27.78	\$253.14	\$0.00	\$280.92
110180	3" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$32.68	\$270.68	\$0.00	\$303.36
110181	4" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$53.92	\$372.99	\$0.00	\$426.91
110182	5" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$62.10	\$448.70	\$0.00	\$510.80
110183	6" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$74.36	\$485.43	\$0.00	\$559.79
110184	8" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$89.88	\$545.39	\$0.00	\$635.27
110185	10" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$124.20	\$908.02	\$0.00	\$1,032.22
110186	12" Flange, Ductile Iron, Grooved, 150 lb Includes Gaskets, Bolts and Nuts.	EA	\$130.73	\$1,150.37	\$0.00	\$1,281.10
23-22-23 Steam Condensate Pumps						
110187	23 Gallon Condensate Pump & Receiver- Duplex	EA	\$784.39	\$39,283.49	\$0.00	\$40,067.88
110188	75 Gallon Condensate Pump & Receiver- Duplex	EA	\$1,568.78	\$62,290.90	\$0.00	\$63,859.68
110189	120 Gallon Condensate Pump & Receiver- Duplex	EA	\$1,830.25	\$73,410.62	\$0.00	\$75,240.87
110190	250 Gallon Condensate Pump & Receiver- Duplex	EA	\$1,830.25	\$87,068.29	\$0.00	\$88,898.54
110191	500 Gallon Condensate Pump & Receiver- Duplex	EA	\$2,353.18	\$110,963.13	\$0.00	\$113,316.31
110192	2" & Dn Condensate Pump Hook-Up	EA	\$2,124.40	\$1,975.41	\$0.00	\$4,099.81
110193	2-1/2" to 6" Condensate Pump Hook-Up	EA	\$4,279.43	\$3,712.11	\$0.00	\$7,991.54
23-23-00 Refrigerant Piping						
23-23-13 Refrigerant Piping						
110194	3/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$17.97	\$2.46	\$0.00	\$20.43
110195	5/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$17.97	\$4.33	\$0.00	\$22.30
110196	7/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$18.79	\$6.42	\$0.00	\$25.21

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		Units	Labor	Material	Equipment	Total
110197	1-1/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$18.79	\$8.84	\$0.00	\$27.63
110198	1-3/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$17.16	\$11.46	\$0.00	\$28.62
110199	1-5/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$16.34	\$14.36	\$0.00	\$30.70
110200	2-1/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$17.16	\$22.30	\$0.00	\$39.46
110201	2-5/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$17.97	\$32.18	\$0.00	\$50.15
110202	3-1/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$18.79	\$44.34	\$0.00	\$63.13
110203	4-1/8" Refrigerant Pipe - Copper, ACR, Hard Drawn, Brazed	LF	\$24.51	\$74.21	\$0.00	\$98.72
110204	3/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$36.77	\$1.58	\$0.00	\$38.35
110205	5/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$36.77	\$1.77	\$0.00	\$38.54
110206	7/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$49.84	\$4.07	\$0.00	\$53.91
110207	1-1/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$59.65	\$11.08	\$0.00	\$70.73
110208	1-3/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$64.55	\$15.82	\$0.00	\$80.37
110209	1-5/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$68.63	\$24.45	\$0.00	\$93.08
110210	2-1/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$79.26	\$43.31	\$0.00	\$122.57
110211	2-5/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$125.83	\$86.87	\$0.00	\$212.70
110212	3-1/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$151.16	\$117.04	\$0.00	\$268.20
110213	4-1/8" Refrigerant Fitting - Copper, ACR, Wrot, Brazed	EA	\$201.81	\$265.47	\$0.00	\$467.28
110214	3/8" Refrigerant Pipe - Copper, ACR, Soft, Brazed	LF	\$17.97	\$2.63	\$0.00	\$20.60
110215	5/8" Refrigerant Pipe - Copper, ACR, Soft, Brazed	LF	\$17.97	\$4.00	\$0.00	\$21.97
110216	7/8" Refrigerant Pipe - Copper, ACR, Soft, Brazed	LF	\$18.79	\$6.22	\$0.00	\$25.01

23-25-00 HVAC Water Treatment

23-25-13 Water Treatment for Closed-Loop Hydronic Systems

110217	250 Ton Side Stream Filter & Pump Package	EA	\$653.66	\$10,301.37	\$0.00	\$10,955.03
110218	500 Ton Side Stream Filter & Pump Package	EA	\$653.66	\$16,547.19	\$0.00	\$17,200.85
110219	750 Ton Side Stream Filter & Pump Package	EA	\$980.49	\$23,337.21	\$0.00	\$24,317.70
110220	1,000 Ton Side Stream Filter & Pump Package	EA	\$980.49	\$30,127.22	\$0.00	\$31,107.71
110221	1,400 Ton Side Stream Filter & Pump Package	EA	\$1,307.32	\$43,707.24	\$0.00	\$45,014.56
110222	2,200 Ton Side Stream Filter & Pump Package	EA	\$2,614.64	\$68,681.93	\$0.00	\$71,296.57
110223	Chemical Treatment Bypass Feeder - Chilled Water System Up to 10 Gallon, Manual, Closed Loop System	EA	\$617.71	\$1,596.89	\$0.00	\$2,214.60

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		Units	Labor	Material	Equipment	Total
110224	Chemical Treatment Bypass Feeder - Hot Water System Up to 5 Gallon, Manual, Closed Loop System	EA	\$617.71	\$994.70	\$0.00	\$1,612.41
23-25-16 Water Treatment for Open Hydronic Systems						
110225	Chemical Treatment Assembly - Condenser Water System Automatic, Open Loop, Includes - Controller w/ Conductivity, Flow Sensor, Double Wall Containment Tanks, Chemical Feed Pumps, Degassing Pump, Level Transmitter, System Piping, Sulfuric Acid. Walchem Iwaki or Equal.	EA	\$2,287.81	\$25,699.30	\$0.00	\$27,987.11
23-30-00 HVAC Air Distribution						
23-31-00 HVAC Ducts and Casings						
• Ductwork costs include hangers and fittings.						
23-31-13 Metal Ducts						
110226	Ductwork / Sheetmetal - Galvanized, Mechanically Fastened Includes Fittings, Volume Dampers, Access Doors & Hangers	LB	\$7.45	\$2.21	\$0.00	\$9.66
110227	Ductwork / Sheetmetal - Black Iron, Welded Includes Fittings, Volume Dampers, Access Doors & Hangers	LB	\$10.76	\$1.77	\$0.00	\$12.53
110228	Ductwork / Sheetmetal - Aluminum, Mechanically Fastened Includes Fittings, Volume Dampers, Access Doors & Hangers	LB	\$9.94	\$3.57	\$0.00	\$13.51
110229	Ductwork / Sheetmetal - Stainless Steel, Mechanically Fastened Type 304 - Includes Fittings, Volume Dampers, Access Doors & Hangers	LB	\$9.11	\$5.79	\$0.00	\$14.90
110230	Ductwork / Sheetmetal - Stainless Steel, Welded Type 304 - Includes Fittings, Volume Dampers, Access Doors & Hangers	LB	\$12.42	\$5.79	\$0.00	\$18.21
110231	Double Wall Insulated Plenum - (Per SF) 18 Gauge Wall, 2" Insulation & 26 Gauge Liner	SF	\$19.87	\$7.85	\$0.00	\$27.72
110232	8" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$24.00	\$74.51	\$0.00	\$98.51

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		Units	Labor	Material	Equipment	Total
110233	12" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$41.39	\$94.58	\$0.00	\$135.97
110234	18" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$53.81	\$147.19	\$0.00	\$201.00
110235	24" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$68.70	\$212.42	\$0.00	\$281.12
110236	30" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$86.09	\$259.85	\$0.00	\$345.94
110237	36" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$104.29	\$308.80	\$0.00	\$413.09
110238	42" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$143.21	\$360.28	\$0.00	\$503.49
110239	50" Double Wall Galvanized Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint.	LF	\$181.29	\$428.58	\$0.00	\$609.87
110240	8" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$24.00	\$153.76	\$0.00	\$177.76
110241	12" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$41.39	\$195.83	\$0.00	\$237.22
110242	18" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$53.81	\$304.63	\$0.00	\$358.44
110243	24" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$68.70	\$436.63	\$0.00	\$505.33
110244	30" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$86.09	\$541.08	\$0.00	\$627.17
110245	36" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$104.29	\$645.52	\$0.00	\$749.81

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		Units	Labor	Material	Equipment	Total
110246	42" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$143.21	\$753.34	\$0.00	\$896.55
110247	50" Double Wall Stainless Steel Duct - Includes Fittings Prefabricated, Gasketed Slip-Joint. 304 Stainless Steel Interior & Exterior.	LF	\$181.29	\$894.95	\$0.00	\$1,076.24
110248	Galvanized Ductwork - 8" x 4" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$21.85	\$7.23	\$0.00	\$29.08
110249	Galvanized Ductwork - 8" x 6" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$25.58	\$8.45	\$0.00	\$34.03
110250	Galvanized Ductwork - 10" x 6" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$29.22	\$9.65	\$0.00	\$38.87
110251	Galvanized Ductwork - 12" x 6" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$32.87	\$10.85	\$0.00	\$43.72
110252	Galvanized Ductwork - 12" x 8" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$36.50	\$12.04	\$0.00	\$48.54
110253	Galvanized Ductwork - 14" x 8" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$40.23	\$13.27	\$0.00	\$53.50
110254	Galvanized Ductwork - 16" x 8" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$43.87	\$14.47	\$0.00	\$58.34
110255	Galvanized Ductwork - 16" x 10" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$47.43	\$15.68	\$0.00	\$63.11
110256	Galvanized Ductwork - 18" x 10" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$51.07	\$16.88	\$0.00	\$67.95
110257	Galvanized Ductwork - 18" x 12" Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$54.88	\$18.10	\$0.00	\$72.98
110258	Galvanized Ductwork - 8" ø Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$22.93	\$7.58	\$0.00	\$30.51
110259	Galvanized Ductwork - 10" ø Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$28.73	\$9.48	\$0.00	\$38.21

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		Units	Labor	Material	Equipment	Total
110260	Galvanized Ductwork - 12" ø Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$34.43	\$11.37	\$0.00	\$45.80
110261	Galvanized Ductwork - 14" ø Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$40.15	\$13.24	\$0.00	\$53.39
110262	Galvanized Ductwork - 16" ø Includes Volume Dampers, Access Doors, Hangers And Waste.	LF	\$45.94	\$15.15	\$0.00	\$61.09
110263	Ductwork Tap or Tie-Ins - 18" x 18" & Dn Includes Duct Tap, Tie-In, or Branch Connection to Existing Duct Main. Not to be Used for Connection to Existing Open-Ended Duct.	EA	\$148.99	\$44.13	\$0.00	\$193.12
110264	Ductwork Tap or Tie-Ins - 36" x 36" Includes Duct Tap, Tie-In, or Branch Connection to Existing Duct Main. Not to be Used for Connection to Existing Open-Ended Duct.	EA	\$454.45	\$134.09	\$0.00	\$588.54
110265	Ductwork Tap or Tie-Ins - 54" x 54" & Up (Per SF) Includes Duct Tap, Tie-In, or Branch Connection to Existing Duct Main. Not to be Used for Connection to Existing Open-Ended Duct.	SF	\$33.11	\$9.81	\$0.00	\$42.92
23-31-16 Nonmetal Ducts						
110266	8" Fabric Duct Sox - Includes Fittings	LF	\$6.62	\$7.47	\$0.00	\$14.09
110267	16" Fabric Duct Sox - Includes Fittings	LF	\$22.34	\$19.56	\$0.00	\$41.90
110268	24" Fabric Duct Sox - Includes Fittings	LF	\$35.59	\$28.04	\$0.00	\$63.63
110269	30" Fabric Duct Sox - Includes Fittings	LF	\$48.84	\$36.52	\$0.00	\$85.36
110270	44" Fabric Duct Sox - Includes Fittings	LF	\$77.81	\$54.78	\$0.00	\$132.59
23-33-00 Air Duct Accessories						
23-33-13 Dampers						
110271	Fire Damper - 12" x 12" Type "A" w/Sleeve	EA	\$109.26	\$74.61	\$0.00	\$183.87
110272	Fire Damper - 24" x 24" Type "A" w/Sleeve	EA	\$178.80	\$142.62	\$0.00	\$321.42
110273	Fire Damper - 36" x 36" & Up (Per SF) Type "A" w/Sleeve	SF	\$28.70	\$27.55	\$0.00	\$56.25
110274	Fire Smoke Damper - 12" x 12"	EA	\$130.79	\$814.29	\$0.00	\$945.08
110275	Fire Smoke Damper - 24" x 24"	EA	\$214.39	\$1,000.80	\$0.00	\$1,215.19
110276	Fire Smoke Damper - 36" x 36" & Up (Per SF)	SF	\$34.43	\$136.26	\$0.00	\$170.69

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		Units	Labor	Material	Equipment	Total
110277	Motorized Damper w/Actuator - 12" x 12" w/Flange	EA	\$109.26	\$589.39	\$0.00	\$698.65
110278	Motorized Damper w/Actuator - 24" x 24" w/Flange	EA	\$178.80	\$797.84	\$0.00	\$976.64
110279	Motorized Damper w/Actuator - 36" x 36" & Up (Per SF) w/Flange	SF	\$28.70	\$135.05	\$0.00	\$163.75
110280	Volume Damper Parallel or Opposed Blade - 12" x 12" Cable or Lever Operated	EA	\$91.06	\$199.92	\$0.00	\$290.98
110281	Volume Damper Parallel or Opposed Blade - 24" x 24" Cable or Lever Operated	EA	\$148.99	\$373.01	\$0.00	\$522.00
110282	Volume Damper Parallel or Opposed Blade - 36" x 36" & Up (Per SF) Cable or Lever Operated	SF	\$23.92	\$64.53	\$0.00	\$88.45
110283	Backdraft Damper - 12" x 12" w/Flange	EA	\$91.06	\$101.79	\$0.00	\$192.85
110284	Backdraft Damper - 24" x 24" w/Flange	EA	\$148.99	\$201.74	\$0.00	\$350.73
110285	Backdraft Damper - 36" x 36" & Up (Per SF) w/Flange	SF	\$23.92	\$37.08	\$0.00	\$61.00
110286	Bird or Insect Screen - 12" x 12"	EA	\$74.50	\$36.57	\$0.00	\$111.07
110287	Bird or Insect Screen - 24" x 24"	EA	\$107.61	\$258.43	\$0.00	\$366.04
110288	Bird or Insect Screen - 36" x 36" & Up (Per SF)	SF	\$15.64	\$29.26	\$0.00	\$44.90
110289	Louver - Motorized w/Actuator 12" x 12" 4" Operable Drainable	EA	\$119.20	\$681.42	\$0.00	\$800.62
110290	Louver - Motorized w/Actuator 24" x 24" 4" Operable Drainable	EA	\$198.66	\$855.74	\$0.00	\$1,054.40
110291	Louver - Motorized w/Actuator 36" x 36" & Up (Per SF) 4" Operable Drainable	SF	\$30.90	\$187.07	\$0.00	\$217.97
110292	Louvered Penthouse Gravity Ventilator w/Motorized Damper & Actuator - 12" x 12" x 12" Includes Roof Curb	EA	\$496.66	\$1,537.16	\$0.00	\$2,033.82
110293	Louvered Penthouse Gravity Ventilator w/Motorized Damper & Actuator - 24" x 24" x 24" Includes Roof Curb	EA	\$703.60	\$6,192.52	\$0.00	\$6,896.12
110294	Louvered Penthouse Gravity Ventilator w/Motorized Damper & Actuator - 36" x 36" x 36" & Up (Per CF) Includes Roof Curb	CF	\$42.92	\$405.84	\$0.00	\$448.76
23-33-19 Duct Silencers						
110295	Sound Attenuator- Under 10,000 CFM	EA	\$198.66	\$2,398.99	\$0.00	\$2,597.65
110296	Sound Attenuator- 10,000 to 20,000 CFM	EA	\$364.22	\$3,598.49	\$0.00	\$3,962.71
110297	Sound Attenuator- Over 20,000 CFM (Per CFM)	CFM	\$0.02	\$0.24	\$0.00	\$0.26

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		Units	Labor	Material	Equipment	Total
110298	Flexible Duct Connector 6" Wide Vibration Dampening Vinyl Duct Connector W/ Galvanized Metal Strips.	LF	\$20.70	\$3.08	\$0.00	\$23.78
23-33-33 Duct-Mounting Access Doors						
110299	Access Door 12" x 12" Double Cam Latch	EA	\$41.39	\$47.13	\$0.00	\$88.52
110300	Access Door 18" x 18" Double Cam Latch	EA	\$57.95	\$76.81	\$0.00	\$134.76
110301	Access Door 24" x 24" Double Cam Latch	EA	\$165.55	\$101.25	\$0.00	\$266.80
110302	Access Door- Grease Duct 12" x 12"	EA	\$62.08	\$336.93	\$0.00	\$399.01
110303	Access Door- Grease Duct 18" x 18"	EA	\$86.92	\$414.69	\$0.00	\$501.61
110304	Access Door- Grease Duct 24" x 24"	EA	\$248.33	\$528.74	\$0.00	\$777.07
110305	Access Door- Walk Through 18" x 48"	EA	\$248.33	\$531.48	\$0.00	\$779.81
110306	Access Door- Walk Through 24" x 60"	EA	\$306.28	\$642.41	\$0.00	\$948.69
110307	Access Door- Walk Through 36" x 72"	EA	\$455.27	\$983.73	\$0.00	\$1,439.00
23-33-46 Flexible Ducts						
110308	Flex Duct Insulated - 4" Black Polyester Inner Core W/Corrosion Resistant Galvanized Steel Helix, R6 Fiberglass Insulation & Vapor Barrier	LF	\$3.31	\$6.49	\$0.00	\$9.80
110309	Flex Duct Insulated - 6" Black Polyester Inner Core W/Corrosion Resistant Galvanized Steel Helix, R6 Fiberglass Insulation & Vapor Barrier	LF	\$4.97	\$8.65	\$0.00	\$13.62
110310	Flex Duct Insulated - 8" Black Polyester Inner Core W/Corrosion Resistant Galvanized Steel Helix, R6 Fiberglass Insulation & Vapor Barrier	LF	\$8.28	\$9.73	\$0.00	\$18.01
110311	Flex Duct Insulated - 10" Black Polyester Inner Core W/Corrosion Resistant Galvanized Steel Helix, R6 Fiberglass Insulation & Vapor Barrier	LF	\$11.59	\$9.73	\$0.00	\$21.32
110312	Flex Duct Insulated - 12" Black Polyester Inner Core W/Corrosion Resistant Galvanized Steel Helix, R6 Fiberglass Insulation & Vapor Barrier	LF	\$13.25	\$9.74	\$0.00	\$22.99

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		Units	Labor	Material	Equipment	Total
110313	Flex Duct Insulated - 14" Black Polyester Inner Core W/Corrosion Resistant Galvanized Steel Helix, R6 Fiberglass Insulation & Vapor Barrier	LF	\$16.56	\$10.23	\$0.00	\$26.79
110314	Flex Duct Uninsulated - 4"	LF	\$3.31	\$1.55	\$0.00	\$4.86
110315	Flex Duct Uninsulated - 6"	LF	\$4.97	\$1.47	\$0.00	\$6.44
110316	Flex Duct Uninsulated - 8"	LF	\$8.28	\$2.04	\$0.00	\$10.32
110317	Flex Duct Uninsulated - 10"	LF	\$11.59	\$2.26	\$0.00	\$13.85
110318	Flex Duct Uninsulated - 12"	LF	\$13.25	\$3.00	\$0.00	\$16.25
110319	Flex Duct Uninsulated - 14"	LF	\$16.56	\$3.63	\$0.00	\$20.19
23-36-16 Air Terminal Units						
110320	Exhaust Air Variable or Constant Air Volume (VAV/CV) Box - Under 1,000 CFM	EA	\$273.16	\$744.81	\$0.00	\$1,017.97
110321	Exhaust Air Variable or Constant Air Volume (VAV/CV) Box - 1,000 to 2,499 CFM	EA	\$372.50	\$950.82	\$0.00	\$1,323.32
110322	Exhaust Air Variable or Constant Air Volume (VAV/CV) Box - 2,500 to 5,000 CFM	EA	\$455.27	\$1,210.47	\$0.00	\$1,665.74
110323	Laboratory Exhaust Air Variable or Constant Air Volume (VAV/CV) Box - Up to 1,500 CFM	EA	\$372.50	\$1,414.04	\$0.00	\$1,786.54
110324	Laboratory Exhaust Air Variable or Constant Air Volume (VAV/CV) Box - Up to 3,000 CFM (Double)	EA	\$455.27	\$1,865.07	\$0.00	\$2,320.34
110325	Laboratory Exhaust Venturi Valve- Up to 1,500 CFM	EA	\$372.50	\$4,083.65	\$0.00	\$4,456.15
110326	Laboratory Exhaust Venturi Valve- Double- Up to 3,000 CFM	EA	\$455.27	\$6,003.58	\$0.00	\$6,458.85
110327	Laboratory Exhaust Venturi Valve- Triple- Up to 4,500 CFM	EA	\$744.99	\$8,606.14	\$0.00	\$9,351.13
110328	Laboratory Fume Hood Exhaust Variable or Constant Air Volume (VAV/CV) Box - Up to 1,500 CFM	EA	\$355.94	\$2,108.87	\$0.00	\$2,464.81
110329	Laboratory Fume Hood Exhaust Venturi Valve- Up to 1,500 CFM	EA	\$355.94	\$5,363.60	\$0.00	\$5,719.54
110330	Air Terminal Unit Sound Attenuator - Exhaust	EA	\$67.87	\$236.75	\$0.00	\$304.62
110331	Return Air Variable or Constant Air Volume (VAV/CV) Box - Under 1,000 CFM	EA	\$273.16	\$744.81	\$0.00	\$1,017.97
110332	Return Air Variable or Constant Air Volume (VAV/CV) Box - 1,000 to 2,499 CFM	EA	\$372.50	\$950.82	\$0.00	\$1,323.32
110333	Return Air Variable or Constant Air Volume (VAV/CV) Box - 2,500 to 5,000 CFM	EA	\$455.27	\$1,210.47	\$0.00	\$1,665.74
110334	Supply Air Variable or Constant Air Volume (VAV/CV) Box - Under 1,000 CFM	EA	\$273.16	\$744.81	\$0.00	\$1,017.97
110335	Supply Air Variable or Constant Air Volume (VAV/CV) Box - 1,000 to 2,499 CFM	EA	\$372.50	\$950.82	\$0.00	\$1,323.32
110336	Supply Air Variable or Constant Air Volume (VAV/CV) Box - 2,500 to 5,000 CFM	EA	\$455.27	\$1,210.47	\$0.00	\$1,665.74

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		Units	Labor	Material	Equipment	Total
110337	Supply Air Variable or Constant Air Volume (VAV/CV) Box - Fan Powered Under 1,000 CFM	EA	\$314.55	\$2,414.84	\$0.00	\$2,729.39
110338	Supply Air Variable or Constant Air Volume (VAV/CV) Box - Fan Powered 1,000 to 2,499 CFM	EA	\$430.44	\$2,896.34	\$0.00	\$3,326.78
110339	Supply Air Variable or Constant Air Volume (VAV/CV) Box - Fan Powered 2,500 to 5,000 CFM	EA	\$521.49	\$3,539.98	\$0.00	\$4,061.47
110340	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - Under 1,000 CFM	EA	\$298.00	\$1,399.41	\$0.00	\$1,697.41
110341	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - 1,000 to 2,499 CFM	EA	\$405.60	\$1,894.33	\$0.00	\$2,299.93
110342	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - 2,500 to 5,000 CFM	EA	\$496.66	\$2,656.20	\$0.00	\$3,152.86
110343	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Electric Reheat - Up to 1,500 CFM	EA	\$298.00	\$1,548.13	\$0.00	\$1,846.13
110344	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - Fan Powered Under 1,000 CFM	EA	\$339.39	\$3,973.94	\$0.00	\$4,313.33
110345	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - Fan Powered 1,000 to 2,499 CFM	EA	\$455.27	\$5,331.91	\$0.00	\$5,787.18
110346	Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - Fan Powered 2,500 to 5,000 CFM	EA	\$554.61	\$6,516.77	\$0.00	\$7,071.38
110347	Supply Air Dual Duct Terminal Unit - Up to 1,500 CFM	EA	\$455.27	\$1,974.78	\$0.00	\$2,430.05
110348	Supply Air Dual Duct Terminal Unit - 1,500 CFM & Up	EA	\$554.61	\$2,785.42	\$0.00	\$3,340.03
110349	Laboratory Supply Air Variable or Constant Air Volume (VAV/CV) Box - Up to 1,500 CFM	EA	\$372.50	\$1,414.04	\$0.00	\$1,786.54
110350	Laboratory Supply Air Variable or Constant Air Volume (VAV/CV) Box - 1,501 to 3,000 CFM (Double)	EA	\$455.27	\$1,865.07	\$0.00	\$2,320.34
110351	Laboratory Supply Venturi Valve- Up to 1,500 CFM	EA	\$372.50	\$4,083.65	\$0.00	\$4,456.15
110352	Laboratory Supply Venturi Valve- Double- 1,501 to 3,000 CFM	EA	\$455.27	\$6,003.58	\$0.00	\$6,458.85
110353	Laboratory Supply Venturi Valve- Triple- 3,001 to 4,500 CFM	EA	\$744.99	\$8,606.14	\$0.00	\$9,351.13
110354	Laboratory Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - Up to 1,500 CFM	EA	\$405.60	\$1,980.88	\$0.00	\$2,386.48

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		Units	Labor	Material	Equipment	Total
110355	Laboratory Supply Air Variable or Constant Air Volume (VAV/CV) Box w/Hot Water Reheat - 1,501 to 3,000 CFM (Double)	EA	\$496.66	\$2,834.18	\$0.00	\$3,330.84
110356	Laboratory Supply Venturi Valve W/Reheat- Up to 1,500 CFM	EA	\$405.60	\$4,729.72	\$0.00	\$5,135.32
110357	Laboratory Supply Venturi Valve W/Reheat- Double- 1,501 to 3,000 CFM	EA	\$496.66	\$6,899.54	\$0.00	\$7,396.20
110358	Laboratory Supply Venturi Valve W/Reheat- Triple- 3,001 to 4,500 CFM	EA	\$811.21	\$9,959.23	\$0.00	\$10,770.44
110359	Air Terminal Unit Sound Attenuator - Supply	EA	\$107.61	\$236.75	\$0.00	\$344.36
110360	Reheat Coil- Up to 1,500 CFM Up To 12" X 12"	EA	\$147.07	\$616.81	\$0.00	\$763.88
110361	Reheat Coil- 1,501 to 3,000 CFM Up To 24" X 24"	EA	\$212.44	\$1,767.55	\$0.00	\$1,979.99
110362	Reheat Coil- Over 3,000 CFM Over 24" X 24"	CFM	\$0.05	\$0.37	\$0.00	\$0.42
110363	Steam Reheat Coil- Up to 1,500 CFM Up To 12" X 12"	EA	\$147.07	\$828.92	\$0.00	\$975.99
110364	Steam Reheat Coil- 1,501 to 3,000 CFM Up To 24" X 24"	EA	\$212.44	\$2,934.13	\$0.00	\$3,146.57
110365	Steam Reheat Coil- Over 3,000 CFM Over 24" X 24"	CFM	\$0.05	\$0.34	\$0.00	\$0.39
110366	Electric Reheat Coil- 2 Kw 277V 1 Phase, 1 Control Step, Scr Controller	EA	\$114.39	\$1,012.99	\$0.00	\$1,127.38
110367	Electric Reheat Coil- 5 Kw 277V 1 Phase, 1 Control Step, Scr Controller	EA	\$114.39	\$1,092.22	\$0.00	\$1,206.61
110368	Electric Reheat Coil- 10 Kw 480V 3 Phase, 1 Control Step, Scr Controller	EA	\$138.90	\$1,214.73	\$0.00	\$1,353.63
110369	Electric Reheat Coil- 15 Kw 480V 3 Phase, 2 Control Step, Scr Controller	EA	\$138.90	\$1,276.29	\$0.00	\$1,415.19
110370	Electric Reheat Coil- 25 Kw 480V 3 Phase, 2 Control Steps, Scr Controller	EA	\$155.24	\$1,321.40	\$0.00	\$1,476.64
110371	Electric Reheat Coil- 50 Kw 480V 3 Phase, 3 Control Steps, Scr Controller	EA	\$196.10	\$2,156.41	\$0.00	\$2,352.51
110372	Chilled Water Coil- Up to 1,500 CFM Up To 12" X 12"	EA	\$147.07	\$950.82	\$0.00	\$1,097.89
110373	Chilled Water Coil- Up to 5,000 CFM Up To 24" X 24"	EA	\$212.44	\$2,374.61	\$0.00	\$2,587.05
110374	Chilled Water Coil- Over 5,000 CFM Over 24" X 24"	CFM	\$0.05	\$0.55	\$0.00	\$0.60
110375	24" X 24" Chilled Beam- 2-Pipe	EA	\$212.44	\$1,277.21	\$0.00	\$1,489.65
110376	24" X 48" Chilled Beam- 2-Pipe	EA	\$408.54	\$2,066.75	\$0.00	\$2,475.29
110377	24" X 24" Chilled Beam- 4-Pipe	EA	\$212.44	\$1,416.54	\$0.00	\$1,628.98
110378	24" X 48" Chilled Beam- 4-Pipe	EA	\$408.54	\$2,097.72	\$0.00	\$2,506.26

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		Units	Labor	Material	Equipment	Total
110379	Cooling Coil Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
110380	Cooling Coil Hook-Up- 1-1/4" To 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
110381	Reheat Coil Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
110382	Reheat Coil Hook-Up- 1-1/4" To 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
110383	Steam Reheat Coil Hook-Up- 1" & Dn	EA	\$620.16	\$895.96	\$0.00	\$1,516.12
110384	Steam Reheat Coil Hook-Up- 1-1/4" to 2"	EA	\$1,259.93	\$895.96	\$0.00	\$2,155.89
23-41-13 Panel Air Filters						
110385	Air Filter & Housing- Under 5,000 CFM	EA	\$206.94	\$2,164.94	\$0.00	\$2,371.88
110386	Air Filter & Housing- 5,000 To 10,000 CFM	EA	\$496.66	\$4,329.89	\$0.00	\$4,826.55
110387	Air Filter & Housing- Over 10,000 CFM (Per CFM)	CFM	\$0.06	\$0.43	\$0.00	\$0.49
110388	HEPA Filter & Housing- Under 5,000 CFM Stainless Steel Housing.	EA	\$331.11	\$7,036.07	\$0.00	\$7,367.18
110389	HEPA Filter & Housing- 5,000 To 10,000 CFM Stainless Steel Housing.	EA	\$662.22	\$14,072.14	\$0.00	\$14,734.36
110390	HEPA Filter & Housing- Over 10,000 CFM (Per CFM) Stainless Steel Housing.	CFM	\$0.05	\$1.28	\$0.00	\$1.33
110391	1,000 CFM Ductless Air Purifier w/ Fan and HEPA Filter Includes Pre-Filter, UVC Sterilization and Ionization System. ISO-Aire RSH-1000 or Equal.	EA	\$413.88	\$9,142.50	\$0.00	\$9,556.38
110392	Air Scrubber, Air Purifier, or Negative Air Machine w/ HEPA Filtration - Under 1,000 CFM	EA	\$331.11	\$3,042.62	\$0.00	\$3,373.73
110393	Air Scrubber, Air Purifier, or Negative Air Machine w/ HEPA Filtration - 1,000 to 2,499 CFM	EA	\$413.88	\$4,481.04	\$0.00	\$4,894.92
110394	Air Scrubber, Air Purifier, or Negative Air Machine w/ HEPA Filtration - 2,500 to 5,000 CFM	EA	\$496.66	\$5,511.10	\$0.00	\$6,007.76

23-34-00 HVAC Fans

- HVAC Equipment costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Exhaust Fan costs include roof curbs as required.

23-34-13 In-Line HVAC Fans

110395	250 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$248.33	\$1,117.82	\$0.00	\$1,366.15
110396	500 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$248.33	\$1,767.55	\$0.00	\$2,015.88
110397	1,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$248.33	\$1,858.98	\$0.00	\$2,107.31
110398	1,500 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$579.44	\$2,011.35	\$0.00	\$2,590.79
110399	2,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$579.44	\$2,462.44	\$0.00	\$3,041.88
110400	2,500 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$579.44	\$3,157.21	\$0.00	\$3,736.65

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		Units	Labor	Material	Equipment	Total
110401	3,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$579.44	\$3,693.57	\$0.00	\$4,273.01
110402	4,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$827.77	\$4,924.88	\$0.00	\$5,752.65
110403	5,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$993.32	\$7,387.32	\$0.00	\$8,380.64
110404	7,500 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$1,158.88	\$9,849.76	\$0.00	\$11,008.64
110405	10,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$1,324.43	\$10,658.33	\$0.00	\$11,982.76
110406	15,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$1,821.09	\$11,393.38	\$0.00	\$13,214.47
110407	20,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$2,152.20	\$12,495.97	\$0.00	\$14,648.17
110408	25,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$2,483.31	\$13,047.26	\$0.00	\$15,530.57
110409	30,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$2,979.97	\$17,641.37	\$0.00	\$20,621.34
110410	35,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$3,807.74	\$20,154.41	\$0.00	\$23,962.15
110411	40,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$3,807.74	\$27,748.40	\$0.00	\$31,556.14
110412	45,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$4,635.51	\$27,824.52	\$0.00	\$32,460.03
110413	50,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$4,635.51	\$34,915.21	\$0.00	\$39,550.72
110414	75,000 CFM Inline HVAC Fan Centrifugal, Axial Or Mixed Flow	EA	\$5,297.73	\$52,372.81	\$0.00	\$57,670.54
23-34-16 Utility HVAC Fans						
110415	250 CFM Utility HVAC Fan Blower	EA	\$165.55	\$1,438.42	\$0.00	\$1,603.97
110416	500 CFM Utility HVAC Fan Blower	EA	\$165.55	\$1,542.04	\$0.00	\$1,707.59
110417	1,000 CFM Utility HVAC Fan Blower	EA	\$331.11	\$2,127.16	\$0.00	\$2,458.27
110418	1,500 CFM Utility HVAC Fan Blower	EA	\$413.88	\$2,364.86	\$0.00	\$2,778.74
110419	2,000 CFM Utility HVAC Fan Blower	EA	\$413.88	\$2,809.80	\$0.00	\$3,223.68
110420	2,500 CFM Utility HVAC Fan Blower	EA	\$579.44	\$3,224.26	\$0.00	\$3,803.70
110421	3,000 CFM Utility HVAC Fan Blower	EA	\$579.44	\$3,224.26	\$0.00	\$3,803.70
110422	4,000 CFM Utility HVAC Fan Blower	EA	\$579.44	\$3,529.00	\$0.00	\$4,108.44
110423	5,000 CFM Utility HVAC Fan Blower	EA	\$744.99	\$3,980.04	\$0.00	\$4,725.03
110424	7,500 CFM Utility HVAC Fan Blower	EA	\$827.77	\$6,375.37	\$0.00	\$7,203.14
110425	10,000 CFM Utility HVAC Fan Blower	EA	\$993.32	\$7,746.74	\$0.00	\$8,740.06
110426	15,000 CFM Utility HVAC Fan Blower	EA	\$1,489.99	\$9,471.63	\$0.00	\$10,961.62
110427	20,000 CFM Utility HVAC Fan Blower	EA	\$1,821.09	\$11,824.30	\$0.00	\$13,645.39
110428	25,000 CFM Utility HVAC Fan Blower	EA	\$1,986.65	\$12,537.42	\$0.00	\$14,524.07
110429	30,000 CFM Utility HVAC Fan Blower	EA	\$2,152.20	\$14,158.68	\$0.00	\$16,310.88

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		Units	Labor	Material	Equipment	Total
110430	35,000 CFM Utility HVAC Fan Blower	EA	\$2,483.31	\$17,303.70	\$0.00	\$19,787.01
110431	40,000 CFM Utility HVAC Fan Blower	EA	\$2,483.31	\$20,442.63	\$0.00	\$22,925.94
110432	45,000 CFM Utility HVAC Fan Blower	EA	\$2,979.97	\$23,374.32	\$0.00	\$26,354.29
110433	50,000 CFM Utility HVAC Fan Blower	EA	\$2,979.97	\$26,306.02	\$0.00	\$29,285.99
23-34-19 Laboratory Exhaust HVAC Fans						
110434	1,000 CFM & Down High Plume Laboratory Exhaust Fan W/Plenum	EA	\$331.11	\$15,103.41	\$0.00	\$15,434.52
110435	2,500 CFM High Plume Laboratory Exhaust Fan W/Plenum	EA	\$579.44	\$19,382.10	\$0.00	\$19,961.54
110436	5,000 CFM High Plume Laboratory Exhaust Fan W/Plenum	EA	\$827.77	\$24,209.34	\$0.00	\$25,037.11
110437	7,500 CFM High Plume Laboratory Exhaust Fan W/Plenum Up To 11,700 Cfm Or 15 Hp - Strobic Ts-1 Or Equal	EA	\$1,158.88	\$25,599.00	\$0.00	\$26,757.88
110438	15,000 CFM High Plume Laboratory Exhaust Fan W/Plenum Up To 18,500 Cfm Or 15 Hp - Strobic Ts-2 Or Equal	EA	\$1,738.32	\$51,198.00	\$0.00	\$52,936.32
110439	25,000 CFM High Plume Laboratory Exhaust Fan W/Plenum Up To 32,200 Cfm Or 30 Hp - Strobic Ts-3 Or Equal	EA	\$2,483.31	\$78,625.50	\$0.00	\$81,108.81
110440	45,000 CFM High Plume Laboratory Exhaust Fan W/Plenum Up To 53,800 Cfm Or 60 Hp - Strobic Ts-4 Or Equal	EA	\$4,138.85	\$121,229.55	\$0.00	\$125,368.40
110441	70,000 CFM High Plume Laboratory Exhaust Fan W/Plenum Up To 82,000 Cfm Or 100 Hp - Strobic Ts-5 Or Equal	EA	\$5,794.39	\$161,273.70	\$0.00	\$167,068.09
110442	7,500 CFM High Plume Laboratory Exhaust Fan W/Heat Recovery Coil & Plenum Up To 11,700 Cfm Or 15 Hp - Strobic Ts-1 Or Equal	EA	\$1,821.09	\$51,472.28	\$0.00	\$53,293.37
110443	15,000 CFM High Plume Laboratory Exhaust Fan W/Heat Recovery Coil & Plenum Up To 18,500 Cfm Or 15 Hp - Strobic Ts-2 Or Equal	EA	\$2,566.09	\$102,944.55	\$0.00	\$105,510.64
110444	25,000 CFM High Plume Laboratory Exhaust Fan W/Heat Recovery Coil & Plenum Up To 32,200 Cfm Or 30 Hp - Strobic Ts-3 Or Equal	EA	\$4,304.40	\$147,194.25	\$0.00	\$151,498.65

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		Units	Labor	Material	Equipment	Total
110445	45,000 CFM High Plume Laboratory Exhaust Fan W/Heat Recovery Coil & Plenum Up To 53,800 Cfm Or 60 Hp - Strobic Ts-4 Or Equal	EA	\$5,959.94	\$230,391.00	\$0.00	\$236,350.94
110446	70,000 CFM High Plume Laboratory Exhaust Fan W/Heat Recovery Coil & Plenum Up To 82,000 Cfm Or 100 Hp - Strobic Ts-5 Or Equal	EA	\$7,449.93	\$341,320.00	\$0.00	\$348,769.93
23-34-23 Roof Mounted HVAC Fans						
110447	250 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$248.33	\$1,151.96	\$0.00	\$1,400.29
110448	500 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$248.33	\$1,498.15	\$0.00	\$1,746.48
110449	1,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$248.33	\$1,783.40	\$0.00	\$2,031.73
110450	1,500 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$248.33	\$2,424.59	\$0.00	\$2,672.92
110451	2,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$331.11	\$2,857.34	\$0.00	\$3,188.45
110452	2,500 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$413.88	\$2,979.24	\$0.00	\$3,393.12
110453	3,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$413.88	\$3,203.53	\$0.00	\$3,617.41
110454	4,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$413.88	\$3,810.59	\$0.00	\$4,224.47
110455	5,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$496.66	\$4,504.20	\$0.00	\$5,000.86
110456	7,500 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$496.66	\$6,149.86	\$0.00	\$6,646.52
110457	10,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$579.44	\$6,492.39	\$0.00	\$7,071.83
110458	15,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$662.22	\$8,689.03	\$0.00	\$9,351.25

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		Units	Labor	Material	Equipment	Total
110459	20,000 CFM Roof Mounted HVAC Fan w/Motorized Damper Upblast, Downblast or Hooded. Includes Roof Curb	EA	\$744.99	\$12,912.87	\$0.00	\$13,657.86
110460	Bathroom Exhaust Fan - Residential	EA	\$124.17	\$163.35	\$0.00	\$287.52
23-34-26 Wall Mounted HVAC Fans						
110461	250 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$165.55	\$326.39	\$0.00	\$491.94
110462	500 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$165.55	\$486.45	\$0.00	\$652.00
110463	1,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$165.55	\$670.18	\$0.00	\$835.73
110464	1,500 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$165.55	\$700.64	\$0.00	\$866.19
110465	2,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$248.33	\$834.10	\$0.00	\$1,082.43
110466	2,500 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$331.11	\$1,066.20	\$0.00	\$1,397.31
110467	3,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$331.11	\$1,341.81	\$0.00	\$1,672.92
110468	4,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$331.11	\$1,631.94	\$0.00	\$1,963.05
110469	5,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$413.88	\$1,915.77	\$0.00	\$2,329.65
110470	7,500 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$496.66	\$1,993.14	\$0.00	\$2,489.80
110471	10,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$579.44	\$2,181.72	\$0.00	\$2,761.16
110472	15,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$827.77	\$3,195.69	\$0.00	\$4,023.46
110473	20,000 CFM Propeller/Sidewall HVAC Fan Wall Mounted	EA	\$993.32	\$4,003.68	\$0.00	\$4,997.00
23-34-39 High-Volume, Low-Speed HVAC Fans						
110474	4' High Volume Low Velocity Destratification Fan	EA	\$247.66	\$1,384.63	\$0.00	\$1,632.29
110475	10' High Volume Low Velocity Destratification Fan	EA	\$794.66	\$7,428.89	\$0.00	\$8,223.55
110476	16' High Volume Low Velocity Destratification Fan	EA	\$1,026.43	\$8,875.56	\$0.00	\$9,901.99
110477	24' High Volume Low Velocity Destratification Fan	EA	\$1,324.43	\$13,278.16	\$0.00	\$14,602.59
23-37-00 Air Outlets and Inlets						
23-37-13 Diffusers, Registers, and Grilles						

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
110478	Ceiling Diffuser w/ Damper - Up to 24" x 24" Steel Or Aluminum, Perforated Or Louvered	EA	\$103.48	\$76.16	\$0.00	\$179.64
110479	Ceiling Diffuser w/o Damper - Up to 24" x 24" Steel Or Aluminum, Perforated Or Louvered	EA	\$103.48	\$50.49	\$0.00	\$153.97
110480	Linear Diffuser w/ Plenum - 6" Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	LF	\$36.42	\$101.18	\$0.00	\$137.60
110481	Linear Diffuser w/o Plenum - 6" Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	LF	\$30.62	\$102.34	\$0.00	\$132.96
110482	Grille w/ Damper - Under 1 SF Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	EA	\$74.50	\$45.92	\$0.00	\$120.42
110483	Grille w/ Damper - 1 To 6 SF Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	EA	\$107.61	\$135.77	\$0.00	\$243.38
110484	Grille w/ Damper - Over 6 SF (Per SF) Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	SF	\$15.73	\$42.63	\$0.00	\$58.36
110485	Grille w/o Damper - Under 1 SF Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	EA	\$74.50	\$23.97	\$0.00	\$98.47
110486	Grille w/o Damper - 1 To 6 SF Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	EA	\$107.61	\$45.92	\$0.00	\$153.53
110487	Grille w/o Damper - Over 6 SF (Per SF) Steel Or Aluminum, Perforated Or Louvered, Ceiling Or Sidewall	SF	\$15.73	\$9.81	\$0.00	\$25.54
110488	Grille - Ligature Resistant	EA	\$124.17	\$280.37	\$0.00	\$404.54
110489	Grille - Security or Prison	EA	\$144.87	\$612.61	\$0.00	\$757.48
110490	2' X 2' Laminar Diffuser w/o HEPA Filter Steel Or Aluminum	EA	\$186.25	\$520.82	\$0.00	\$707.07
110491	2' X 2' Laminar Diffuser w/ HEPA Filter Steel Or Aluminum	EA	\$269.03	\$1,200.61	\$0.00	\$1,469.64
110492	2' X 4' Laminar Diffuser w/o HEPA Filter Steel Or Aluminum	EA	\$289.72	\$747.92	\$0.00	\$1,037.64
110493	2' X 4' Laminar Diffuser w/ HEPA Filter Steel Or Aluminum	EA	\$413.88	\$1,889.47	\$0.00	\$2,303.35
110494	2' X 4' Laminar Diffuser w/o HEPA Filter - Stainless Steel Titus Tlf-Ss Or Equal	EA	\$289.72	\$1,749.26	\$0.00	\$2,038.98
110495	Operating Room Laminar Flow Diffuser System - Under 1,500 CFM Includes Diffusers, Ceiling Panels, Hangers & Grid - Price LFDCSS or Equal	EA	\$5,297.73	\$21,362.98	\$0.00	\$26,660.71

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
110496	Operating Room Laminar Flow Diffuser System - 1,500 to 2,999 CFM Includes Diffusers, Ceiling Panels, Hangers & Grid - Price LFDCSS or Equal	EA	\$7,946.59	\$28,747.68	\$0.00	\$36,694.27
110497	Operating Room Laminar Flow Diffuser System - 3,000 CFM & Up Includes Diffusers, Ceiling Panels, Hangers & Grid - Price LFDCSS or Equal	EA	\$10,595.46	\$33,367.69	\$0.00	\$43,963.15
110498	Operating Room Laminar Flow Diffuser System w/Air Curtain - Under 1,500 CFM Includes Diffusers, Ceiling Panels, Hangers & Grid - Price HORD or Equal	EA	\$13,244.32	\$28,548.98	\$0.00	\$41,793.30
110499	Operating Room Laminar Flow Diffuser System w/Air Curtain - 1,500 to 2,999 CFM Includes Diffusers, Ceiling Panels, Hangers & Grid - Price HORD or Equal	EA	\$13,244.32	\$52,485.26	\$0.00	\$65,729.58
110500	Operating Room Laminar Flow Diffuser System w/Air Curtain - 3,000 CFM & Up Includes Diffusers, Ceiling Panels, Hangers & Grid - Price HORD or Equal	EA	\$16,555.40	\$74,529.66	\$0.00	\$91,085.06
23-37-23 HVAC Gravity Ventilators						
110501	Gravity Intake or Relief Vent w/Motorized Damper & Actuator - 12" x 12" Includes Roof Curb	EA	\$206.94	\$959.35	\$0.00	\$1,166.29
110502	Gravity Intake or Relief Vent w/Motorized Damper & Actuator - 24" x 24" Includes Roof Curb	EA	\$508.25	\$1,774.86	\$0.00	\$2,283.11
110503	Gravity Intake or Relief Vent w/Motorized Damper & Actuator - 36" x 36" & Up (Per SF) Includes Roof Curb	SF	\$0.08	\$339.54	\$0.00	\$339.62

23-50-00 Central Heating Equipment

- HVAC Equipment costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- HVAC Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- HVAC Equipment costs exclude housekeeping pads and dunnage.

23-52-00 Heating Boilers

Packaged, factory fabricated, assembled and tested with trim and accessories.

23-52-13 Electric Boilers

110504	100 MBH Electric Boiler- Hot Water	EA	\$1,176.59	\$10,978.68	\$0.00	\$12,155.27
110505	250 MBH Electric Boiler- Hot Water	EA	\$1,176.59	\$19,066.07	\$0.00	\$20,242.66
110506	500 MBH Electric Boiler- Hot Water	EA	\$1,176.59	\$29,751.52	\$0.00	\$30,928.11

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		Units	Labor	Material	Equipment	Total
110507	750 MBH Electric Boiler- Hot Water	EA	\$1,176.59	\$43,370.19	\$0.00	\$44,546.78
110508	1,000 MBH Electric Boiler- Hot Water	EA	\$1,176.59	\$56,988.25	\$0.00	\$58,164.84
110509	1,500 MBH Electric Boiler- Hot Water	EA	\$1,176.59	\$82,968.19	\$0.00	\$84,144.78
110510	2,000 MBH Electric Boiler- Hot Water	EA	\$1,960.98	\$107,272.00	\$0.00	\$109,232.98
110511	2,500 MBH Electric Boiler- Hot Water	EA	\$1,960.98	\$127,806.06	\$0.00	\$129,767.04
110512	3,000 MBH Electric Boiler- Hot Water	EA	\$1,960.98	\$148,338.89	\$0.00	\$150,299.87
110513	3,500 MBH Electric Boiler- Hot Water	EA	\$1,960.98	\$167,195.60	\$0.00	\$169,156.58
110514	4,000 MBH Electric Boiler- Hot Water	EA	\$1,960.98	\$181,021.50	\$0.00	\$182,982.48
110515	4,500 MBH Electric Boiler- Hot Water	EA	\$1,960.98	\$196,106.62	\$0.00	\$198,067.60
110516	5,000 MBH Electric Boiler- Hot Water	EA	\$3,921.96	\$209,515.62	\$0.00	\$213,437.58
110517	5,500 MBH Electric Boiler- Hot Water	EA	\$5,882.94	\$221,248.50	\$0.00	\$227,131.44
110518	6,000 MBH Electric Boiler- Hot Water	EA	\$3,921.96	\$236,337.28	\$0.00	\$240,259.24
110519	6,500 MBH Electric Boiler- Hot Water	EA	\$3,921.96	\$250,580.69	\$0.00	\$254,502.65
110520	7,000 MBH Electric Boiler- Hot Water	EA	\$3,921.96	\$263,993.95	\$0.00	\$267,915.91
110521	7,500 MBH Electric Boiler- Hot Water	EA	\$3,921.96	\$276,560.62	\$0.00	\$280,482.58
23-52-16	Condensing Boilers					
110522	100 MBH Condensing Boiler- Hot Water	EA	\$653.66	\$10,056.75	\$0.00	\$10,710.41
110523	250 MBH Condensing Boiler- Hot Water	EA	\$980.49	\$16,761.25	\$0.00	\$17,741.74
110524	500 MBH Condensing Boiler- Hot Water	EA	\$980.49	\$25,141.88	\$0.00	\$26,122.37
110525	750 MBH Condensing Boiler- Hot Water	EA	\$1,307.32	\$36,455.72	\$0.00	\$37,763.04
110526	1,000 MBH Condensing Boiler- Hot Water	EA	\$1,307.32	\$47,770.17	\$0.00	\$49,077.49
110527	1,500 MBH Condensing Boiler- Hot Water	EA	\$1,960.98	\$69,141.07	\$0.00	\$71,102.05
110528	2,000 MBH Condensing Boiler- Hot Water	EA	\$1,960.98	\$88,835.84	\$0.00	\$90,796.82
110529	2,500 MBH Condensing Boiler- Hot Water	EA	\$1,960.98	\$104,757.81	\$0.00	\$106,718.79
110530	3,000 MBH Condensing Boiler- Hot Water	EA	\$2,941.47	\$120,681.00	\$0.00	\$123,622.47
110531	3,500 MBH Condensing Boiler- Hot Water	EA	\$2,941.47	\$134,928.06	\$0.00	\$137,869.53
110532	4,000 MBH Condensing Boiler- Hot Water	EA	\$3,268.30	\$144,149.19	\$0.00	\$147,417.49
110533	4,500 MBH Condensing Boiler- Hot Water	EA	\$3,268.30	\$154,625.27	\$0.00	\$157,893.57
110534	5,000 MBH Condensing Boiler- Hot Water	EA	\$3,921.96	\$163,425.24	\$0.00	\$167,347.20
110535	5,500 MBH Condensing Boiler- Hot Water	EA	\$3,921.96	\$170,549.07	\$0.00	\$174,471.03

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		Units	Labor	Material	Equipment	Total
110536	6,000 MBH Condensing Boiler- Hot Water	EA	\$5,229.28	\$181,021.50	\$0.00	\$186,250.78
110537	6,500 MBH Condensing Boiler- Hot Water	EA	\$5,229.28	\$190,663.18	\$0.00	\$195,892.46
110538	7,000 MBH Condensing Boiler- Hot Water	EA	\$5,229.28	\$199,458.88	\$0.00	\$204,688.16
110539	7,500 MBH Condensing Boiler- Hot Water	EA	\$5,229.28	\$207,425.04	\$0.00	\$212,654.32
23-52-23 Cast-Iron Boilers						
110540	100 MBH Cast Iron Boiler- Hot Water	EA	\$2,941.47	\$8,799.72	\$0.00	\$11,741.19
110541	250 MBH Cast Iron Boiler- Hot Water	EA	\$2,941.47	\$13,618.67	\$0.00	\$16,560.14
110542	500 MBH Cast Iron Boiler- Hot Water	EA	\$2,941.47	\$18,856.71	\$0.00	\$21,798.18
110543	750 MBH Cast Iron Boiler- Hot Water	EA	\$2,941.47	\$27,027.97	\$0.00	\$29,969.44
110544	1,000 MBH Cast Iron Boiler- Hot Water	EA	\$2,941.47	\$35,198.62	\$0.00	\$38,140.09
110545	1,500 MBH Cast Iron Boiler- Hot Water	EA	\$3,823.91	\$50,283.75	\$0.00	\$54,107.66
110546	2,000 MBH Cast Iron Boiler- Hot Water	EA	\$3,823.91	\$63,692.75	\$0.00	\$67,516.66
110547	2,500 MBH Cast Iron Boiler- Hot Water	EA	\$4,706.35	\$73,331.99	\$0.00	\$78,038.34
110548	3,000 MBH Cast Iron Boiler- Hot Water	EA	\$4,706.35	\$82,970.02	\$0.00	\$87,676.37
110549	3,500 MBH Cast Iron Boiler- Hot Water	EA	\$5,882.94	\$90,931.91	\$0.00	\$96,814.85
110550	4,000 MBH Cast Iron Boiler- Hot Water	EA	\$5,882.94	\$93,863.00	\$0.00	\$99,745.94
110551	4,500 MBH Cast Iron Boiler- Hot Water	EA	\$6,471.23	\$98,053.31	\$0.00	\$104,524.54
110552	5,000 MBH Cast Iron Boiler- Hot Water	EA	\$7,647.82	\$100,567.50	\$0.00	\$108,215.32
110553	5,500 MBH Cast Iron Boiler- Hot Water	EA	\$7,647.82	\$101,405.56	\$0.00	\$109,053.38
110554	6,000 MBH Cast Iron Boiler- Hot Water	EA	\$7,647.82	\$105,599.53	\$0.00	\$113,247.35
110555	6,500 MBH Cast Iron Boiler- Hot Water	EA	\$8,530.26	\$108,948.12	\$0.00	\$117,478.38
110556	7,000 MBH Cast Iron Boiler- Hot Water	EA	\$8,530.26	\$111,466.58	\$0.00	\$119,996.84
110557	7,500 MBH Cast Iron Boiler- Hot Water	EA	\$8,530.26	\$113,138.44	\$0.00	\$121,668.70
23-52-33 Water-Tube Boilers						
110558	100 MBH Water Tube Boiler- Hot Water	EA	\$1,176.59	\$9,637.78	\$0.00	\$10,814.37
110559	250 MBH Water Tube Boiler- Hot Water	EA	\$1,176.59	\$15,713.82	\$0.00	\$16,890.41
110560	500 MBH Water Tube Boiler- Hot Water	EA	\$1,176.59	\$23,047.02	\$0.00	\$24,223.61
110561	750 MBH Water Tube Boiler- Hot Water	EA	\$1,176.59	\$33,313.44	\$0.00	\$34,490.03
110562	1,000 MBH Water Tube Boiler- Hot Water	EA	\$1,176.59	\$43,579.25	\$0.00	\$44,755.84
110563	1,500 MBH Water Tube Boiler- Hot Water	EA	\$2,353.18	\$62,854.69	\$0.00	\$65,207.87

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		Units	Labor	Material	Equipment	Total
110564	2,000 MBH Water Tube Boiler- Hot Water	EA	\$3,137.57	\$80,454.00	\$0.00	\$83,591.57
110565	2,500 MBH Water Tube Boiler- Hot Water	EA	\$3,137.57	\$94,283.56	\$0.00	\$97,421.13
110566	3,000 MBH Water Tube Boiler- Hot Water	EA	\$3,529.76	\$108,111.89	\$0.00	\$111,641.65
110567	3,500 MBH Water Tube Boiler- Hot Water	EA	\$3,529.76	\$120,264.10	\$0.00	\$123,793.86
110568	4,000 MBH Water Tube Boiler- Hot Water	EA	\$3,529.76	\$127,385.50	\$0.00	\$130,915.26
110569	4,500 MBH Water Tube Boiler- Hot Water	EA	\$3,529.76	\$135,766.12	\$0.00	\$139,295.88
110570	5,000 MBH Water Tube Boiler- Hot Water	EA	\$3,529.76	\$142,470.62	\$0.00	\$146,000.38
110571	5,500 MBH Water Tube Boiler- Hot Water	EA	\$4,118.06	\$147,499.00	\$0.00	\$151,617.06
110572	6,000 MBH Water Tube Boiler- Hot Water	EA	\$4,118.06	\$155,883.28	\$0.00	\$160,001.34
110573	6,500 MBH Water Tube Boiler- Hot Water	EA	\$4,118.06	\$163,422.19	\$0.00	\$167,540.25
110574	7,000 MBH Water Tube Boiler- Hot Water	EA	\$4,118.06	\$170,130.95	\$0.00	\$174,249.01
110575	7,500 MBH Water Tube Boiler- Hot Water	EA	\$4,118.06	\$175,993.12	\$0.00	\$180,111.18
23-52-39 Fire-Tube Boilers						
110576	30 HP Fire Tube Boiler- Hot Water	EA	\$1,568.78	\$90,435.93	\$0.00	\$92,004.71
110577	50 HP Fire Tube Boiler- Hot Water	EA	\$1,568.78	\$116,155.46	\$0.00	\$117,724.24
110578	100 HP Fire Tube Boiler- Hot Water	EA	\$3,137.57	\$163,172.78	\$0.00	\$166,310.35
110579	150 HP Fire Tube Boiler- Hot Water	EA	\$3,137.57	\$194,978.26	\$0.00	\$198,115.83
110580	200 HP Fire Tube Boiler- Hot Water	EA	\$3,529.76	\$221,248.50	\$0.00	\$224,778.26
110581	250 HP Fire Tube Boiler- Hot Water	EA	\$3,529.76	\$241,995.58	\$0.00	\$245,525.34
110582	300 HP Fire Tube Boiler- Hot Water	EA	\$3,529.76	\$257,207.42	\$0.00	\$260,737.18
110583	350 HP Fire Tube Boiler- Hot Water	EA	\$4,706.35	\$271,029.41	\$0.00	\$275,735.76
110584	400 HP Fire Tube Boiler- Hot Water	EA	\$4,706.35	\$287,623.05	\$0.00	\$292,329.40
110585	450 HP Fire Tube Boiler- Hot Water	EA	\$4,706.35	\$298,685.48	\$0.00	\$303,391.83
110586	500 HP Fire Tube Boiler- Hot Water	EA	\$5,882.94	\$304,216.69	\$0.00	\$310,099.63
110587	550 HP Fire Tube Boiler- Hot Water	EA	\$5,882.94	\$319,438.58	\$0.00	\$325,321.52
110588	600 HP Fire Tube Boiler- Hot Water	EA	\$5,882.94	\$331,872.75	\$0.00	\$337,755.69
110589	650 HP Fire Tube Boiler- Hot Water	EA	\$5,882.94	\$341,565.45	\$0.00	\$347,448.39
110590	700 HP Fire Tube Boiler- Hot Water	EA	\$5,882.94	\$348,466.39	\$0.00	\$354,349.33
110591	100 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$19,845.32	\$0.00	\$21,021.91

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		Units	Labor	Material	Equipment	Total
110592	200 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$23,854.61	\$0.00	\$25,031.20
110593	300 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$28,605.05	\$0.00	\$29,781.64
110594	400 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$36,515.14	\$0.00	\$37,691.73
110595	500 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$45,644.24	\$0.00	\$46,820.83
110596	750 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$62,016.62	\$0.00	\$63,193.21
110597	1,000 #/Hr Gas Fired Clean Steam Generator Dristeem Model Lx Or Equal.	EA	\$1,176.59	\$82,655.51	\$0.00	\$83,832.10
110598	Gas Fired Clean Steam Generator Hook-Up- To 2"	EA	\$1,315.50	\$1,006.08	\$0.00	\$2,321.58
110599	Gas Fired Clean Steam Generator Hook-Up- 2-1/2" To 4"	EA	\$3,104.88	\$2,511.44	\$0.00	\$5,616.32
23-52-49 Boiler Hook-Ups & Modifiers						
110600	2 1/2" Gas Boiler Hook-Up- Hot Water	EA	\$1,389.03	\$1,999.16	\$0.00	\$3,388.19
110601	4" Gas Boiler Hook-Up- Hot Water	EA	\$1,960.98	\$3,425.39	\$0.00	\$5,386.37
110602	6" Gas Boiler Hook-Up- Hot Water	EA	\$2,532.93	\$4,985.71	\$0.00	\$7,518.64
110603	8" Gas Boiler Hook-Up- Hot Water	EA	\$3,268.30	\$6,667.93	\$0.00	\$9,936.23
110604	6" Gas Boiler Hook-Up- Steam	EA	\$9,641.48	\$6,460.70	\$0.00	\$16,102.18
110605	8" Gas Boiler Hook-Up- Steam	EA	\$11,112.22	\$8,337.96	\$0.00	\$19,450.18
110606	10" Gas Boiler Hook-Up- Steam	EA	\$12,909.78	\$11,361.08	\$0.00	\$24,270.86
110607	12" Gas Boiler Hook-Up- Steam	EA	\$15,769.55	\$14,384.20	\$0.00	\$30,153.75
110608	1-1/4" Boiler Fuel Oil Hook-Up	EA	\$728.02	\$595.53	\$0.00	\$1,323.55
110609	[Modifier] Boiler - Hot Water to Low Pressure Steam	MBH	\$0.00	\$4.88	\$0.00	\$4.88
110610	[Modifier] Boiler - Hot Water to High Pressure Steam	MBH	\$0.00	\$8.53	\$0.00	\$8.53
110611	[Modifier] Boiler - Dual Fuel	MBH	\$0.00	\$3.66	\$0.00	\$3.66
110612	[Modifier] Boiler - Additional Distribution & Assembly Labor Item to be applied to installations within existing mechanical spaces with limited accessibility.	MBH	\$3.88	\$0.00	\$0.00	\$3.88
23-54-00 Furnaces						
23-54-16 Fuel-Fired Furnaces						
110613	60,000 Btu Gas-Fired Furnace - Residential Standard Efficiency	EA	\$397.32	\$1,312.86	\$0.00	\$1,710.18
110614	80,000 Btu Gas-Fired Furnace - Residential Standard Efficiency	EA	\$446.99	\$1,611.52	\$0.00	\$2,058.51
110615	100,000 Btu Gas-Fired Furnace - Residential Standard Efficiency	EA	\$496.66	\$2,285.62	\$0.00	\$2,782.28

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		Units	Labor	Material	Equipment	Total
110616	60,000 Btu Gas-Fired Furnace - Residential High Efficiency	EA	\$397.32	\$2,071.08	\$0.00	\$2,468.40
110617	80,000 Btu Gas-Fired Furnace - Residential High Efficiency	EA	\$446.99	\$2,485.54	\$0.00	\$2,932.53
110618	100,000 Btu Gas-Fired Furnace - Residential High Efficiency	EA	\$496.66	\$3,480.24	\$0.00	\$3,976.90

23-57-00 Heat Exchangers for HVAC

Shell and tube include U-bend removable tube bundle and mounting legs.

23-57-13 Steam-to-Steam Heat Exchangers

110619	100 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$37,196.57	\$0.00	\$38,765.35
110620	200 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$43,716.02	\$0.00	\$45,284.80
110621	300 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$60,206.41	\$0.00	\$61,775.19
110622	400 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$66,575.68	\$0.00	\$68,144.46
110623	500 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$72,989.21	\$0.00	\$74,557.99
110624	750 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$105,495.31	\$0.00	\$107,064.09
110625	1,000 #/Hr Steam To Clean Steam Generator	EA	\$1,568.78	\$169,618.49	\$0.00	\$171,187.27
110626	200 #/Hr Steam To Steam Generator Dristeem Sts-200 Or Equal.	EA	\$1,568.78	\$21,857.89	\$0.00	\$23,426.67
110627	400 #/Hr Steam To Steam Generator Dristeem Sts-400 Or Equal.	EA	\$1,568.78	\$33,287.23	\$0.00	\$34,856.01
110628	750 #/Hr Steam To Steam Generator Dristeem Sts-800 Or Equal.	EA	\$1,568.78	\$54,855.00	\$0.00	\$56,423.78
110629	Steam To Clean Steam Generator Hook-Up- To 2"	EA	\$3,235.62	\$1,235.48	\$0.00	\$4,471.10
110630	Steam To Clean Steam Generator Hook-Up- 2-1/2" To 4"	EA	\$5,899.28	\$3,763.42	\$0.00	\$9,662.70

23-57-16 Steam-to-Water Heat Exchangers

110631	375 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$588.29	\$4,199.83	\$0.00	\$4,788.12
110632	750 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$588.29	\$8,399.68	\$0.00	\$8,987.97
110633	1,125 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$12,599.51	\$0.00	\$13,383.90
110634	1,500 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$14,399.44	\$0.00	\$15,183.83
110635	2,250 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$16,799.34	\$0.00	\$17,583.73
110636	3,000 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$19,199.25	\$0.00	\$19,983.64
110637	3,750 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$23,999.06	\$0.00	\$24,783.45
110638	4,500 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$28,798.88	\$0.00	\$29,583.27
110639	5,250 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$33,598.69	\$0.00	\$34,383.08

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		Units	Labor	Material	Equipment	Total
110640	6,000 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$38,398.50	\$0.00	\$39,575.09
110641	6,750 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$43,198.31	\$0.00	\$44,374.90
110642	7,500 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$47,998.12	\$0.00	\$49,174.71
110643	9,000 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$57,597.75	\$0.00	\$58,774.34
110644	10,500 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$67,197.38	\$0.00	\$68,373.97
110645	12,000 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$76,797.00	\$0.00	\$77,973.59
110646	15,000 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,568.78	\$95,996.25	\$0.00	\$97,565.03
110647	21,000 MBH Steam To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,568.78	\$134,394.75	\$0.00	\$135,963.53
110648	2" & DN Steam To Water Heat Exchanger (HX) Hook-Up	EA	\$3,350.01	\$2,679.36	\$0.00	\$6,029.37
110649	2-1/2" Steam To Water Heat Exchanger (HX) Hook-Up	EA	\$6,700.02	\$5,278.27	\$0.00	\$11,978.29
110650	4" Steam To Water Heat Exchanger (HX) Hook-Up	EA	\$8,987.82	\$6,923.92	\$0.00	\$15,911.74
110651	6" Steam To Water Heat Exchanger (HX) Hook-Up	EA	\$10,948.80	\$11,117.28	\$0.00	\$22,066.08
110652	8" Steam To Water Heat Exchanger (HX) Hook-Up	EA	\$13,073.20	\$15,603.20	\$0.00	\$28,676.40
23-57-19 Liquid-to-Liquid Heat Exchangers						
<i>Freestanding assembly consisting of frame support, top and bottom carrying and guide bars, fixed and movable end plates, tie rods, individually removable plates, and one-piece gaskets.</i>						
110653	375 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$588.29	\$8,399.68	\$0.00	\$8,987.97
110654	750 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$588.29	\$16,799.34	\$0.00	\$17,387.63
110655	1,125 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$25,199.02	\$0.00	\$25,983.41
110656	1,500 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$28,798.88	\$0.00	\$29,583.27
110657	2,250 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$34,798.65	\$0.00	\$35,583.04
110658	3,000 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$36,798.56	\$0.00	\$37,582.95
110659	3,750 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$45,998.21	\$0.00	\$46,782.60
110660	4,500 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$55,197.84	\$0.00	\$55,982.23
110661	5,250 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$784.39	\$64,397.49	\$0.00	\$65,181.88
110662	6,000 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$73,597.12	\$0.00	\$74,773.71
110663	6,750 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$82,796.77	\$0.00	\$83,973.36
110664	7,500 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$91,996.41	\$0.00	\$93,173.00
110665	9,000 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$110,395.69	\$0.00	\$111,572.28

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
110666	10,500 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$128,794.97	\$0.00	\$129,971.56
110667	12,000 MBH Water To Water Heat Exchanger (HX) - Shell & Tube	EA	\$1,176.59	\$147,194.25	\$0.00	\$148,370.84
110668	125 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$1,176.59	\$10,287.75	\$0.00	\$11,464.34
110669	300 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$1,176.59	\$24,400.38	\$0.00	\$25,576.97
110670	500 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$2,353.18	\$44,916.02	\$0.00	\$47,269.20
110671	1,000 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$2,353.18	\$82,921.87	\$0.00	\$85,275.05
110672	1,500 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$3,137.57	\$113,772.72	\$0.00	\$116,910.29
110673	2,000 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$3,137.57	\$152,023.43	\$0.00	\$155,161.00
110674	3,000 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$3,529.76	\$207,304.68	\$0.00	\$210,834.44
110675	4,000 GPM Water to Water Heat Exchanger (HX) - Plate & Frame	EA	\$3,529.76	\$276,406.23	\$0.00	\$279,935.99
110676	2" & Dn Water To Water Heat Exchanger (HX) Hook-Up	EA	\$3,717.70	\$1,563.10	\$0.00	\$5,280.80
110677	2-1/2" Water To Water Heat Exchanger (HX) Hook-Up	EA	\$5,490.74	\$3,126.19	\$0.00	\$8,616.93
110678	4" Water To Water Heat Exchanger (HX) Hook-Up	EA	\$7,075.87	\$4,010.81	\$0.00	\$11,086.68
110679	6" Water To Water Heat Exchanger (HX) Hook-Up	EA	\$9,641.48	\$6,529.76	\$0.00	\$16,171.24
110680	8" Water To Water Heat Exchanger (HX) Hook-Up	EA	\$11,765.88	\$9,221.13	\$0.00	\$20,987.01
110681	10" Water To Water Heat Exchanger (HX) Hook-Up	EA	\$14,870.76	\$11,994.96	\$0.00	\$26,865.72
110682	12" Water To Water Heat Exchanger (HX) Hook-Up	EA	\$16,995.16	\$14,993.70	\$0.00	\$31,988.86

23-57-33 Direct Georexchange Heat Exchangers

110683	Geothermal Field or Well - Closed Loop Per Foot of Depth.	LF	\$15.28	\$16.87	\$0.00	\$32.15
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23-60-00 Central Cooling Equipment

- HVAC Equipment costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- HVAC Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.
- HVAC Equipment costs exclude housekeeping pads and dunnage.

23-62-00 Packaged Compressor and Condenser Units

23-62-13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units

Packaged factory assembled and tested with condenser coil and casing, fan, motors and refrigerant reservoir. Condensing units include compressor.

110684	1 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$784.39	\$2,190.54	\$0.00	\$2,974.93
110685	2 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$784.39	\$2,458.72	\$0.00	\$3,243.11
110686	3 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$784.39	\$2,728.12	\$0.00	\$3,512.51
110687	4 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$784.39	\$3,531.44	\$0.00	\$4,315.83

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		Units	Labor	Material	Equipment	Total
110688	5 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$784.39	\$4,334.76	\$0.00	\$5,119.15
110689	7-1/2 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$784.39	\$6,990.96	\$0.00	\$7,775.35
110690	10 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,176.59	\$9,647.17	\$0.00	\$10,823.76
110691	15 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,176.59	\$15,834.81	\$0.00	\$17,011.40
110692	20 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,176.59	\$23,000.09	\$0.00	\$24,176.68
110693	25 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,470.74	\$30,211.70	\$0.00	\$31,682.44
110694	30 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,470.74	\$37,553.73	\$0.00	\$39,024.47
110695	40 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,470.74	\$44,895.77	\$0.00	\$46,366.51
110696	50 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,764.88	\$52,237.81	\$0.00	\$54,002.69
110697	60 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,764.88	\$60,520.91	\$0.00	\$62,285.79
110698	70 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$1,764.88	\$64,663.07	\$0.00	\$66,427.95
110699	80 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$2,206.10	\$68,805.24	\$0.00	\$71,011.34
110700	90 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$2,206.10	\$81,122.01	\$0.00	\$83,328.11
110701	100 Ton Refrigerant Condensing Unit - Packaged Air Cooled	EA	\$2,206.10	\$93,754.51	\$0.00	\$95,960.61
110702	5/8" Refrigerant Condensing Unit Hook-Up - Air Cooled	EA	\$583.40	\$571.71	\$0.00	\$1,155.11
110703	1-1/8" Refrigerant Condensing Unit Hook-Up - Air Cooled	EA	\$867.73	\$850.86	\$0.00	\$1,718.59
110704	1-5/8" Refrigerant Condensing Unit Hook-Up - Air Cooled	EA	\$1,090.80	\$1,067.84	\$0.00	\$2,158.64
110705	2-1/8" 4-Pipe Refrigerant Condensing Unit Hook-Up	EA	\$2,212.63	\$1,540.82	\$0.00	\$3,753.45
110706	1 Ton Refrigerant Condenser - Air Cooled	EA	\$522.93	\$976.97	\$0.00	\$1,499.90
110707	2 Ton Refrigerant Condenser - Air Cooled	EA	\$522.93	\$1,200.72	\$0.00	\$1,723.65
110708	3 Ton Refrigerant Condenser - Air Cooled	EA	\$522.93	\$1,426.23	\$0.00	\$1,949.16
110709	4 Ton Refrigerant Condenser - Air Cooled	EA	\$522.93	\$2,013.79	\$0.00	\$2,536.72
110710	5 Ton Refrigerant Condenser - Air Cooled	EA	\$522.93	\$2,602.87	\$0.00	\$3,125.80
110711	7-1/2 Ton Refrigerant Condenser - Air Cooled	EA	\$522.93	\$3,422.95	\$0.00	\$3,945.88
110712	10 Ton Refrigerant Condenser - Air Cooled	EA	\$784.39	\$4,314.35	\$0.00	\$5,098.74
110713	15 Ton Refrigerant Condenser - Air Cooled	EA	\$784.39	\$5,419.67	\$0.00	\$6,204.06
110714	20 Ton Refrigerant Condenser - Air Cooled	EA	\$784.39	\$6,917.22	\$0.00	\$7,701.61
110715	25 Ton Refrigerant Condenser - Air Cooled	EA	\$784.39	\$7,701.64	\$0.00	\$8,486.03
110716	30 Ton Refrigerant Condenser - Air Cooled	EA	\$784.39	\$9,876.34	\$0.00	\$10,660.73

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		Units	Labor	Material	Equipment	Total
110717	40 Ton Refrigerant Condenser - Air Cooled	EA	\$784.39	\$12,051.03	\$0.00	\$12,835.42
110718	50 Ton Refrigerant Condenser - Air Cooled	EA	\$1,568.78	\$14,226.64	\$0.00	\$15,795.42
110719	60 Ton Refrigerant Condenser - Air Cooled	EA	\$1,568.78	\$17,660.87	\$0.00	\$19,229.65
110720	70 Ton Refrigerant Condenser - Air Cooled	EA	\$1,568.78	\$21,096.01	\$0.00	\$22,664.79
110721	80 Ton Refrigerant Condenser - Air Cooled	EA	\$1,568.78	\$24,531.16	\$0.00	\$26,099.94
110722	90 Ton Refrigerant Condenser - Air Cooled	EA	\$1,568.78	\$29,950.83	\$0.00	\$31,519.61
110723	100 Ton Refrigerant Condenser - Air Cooled	EA	\$2,353.18	\$35,370.50	\$0.00	\$37,723.68
110724	125 Ton Refrigerant Condenser - Air Cooled	EA	\$2,353.18	\$42,002.47	\$0.00	\$44,355.65
110725	150 Ton Refrigerant Condenser - Air Cooled	EA	\$2,353.18	\$48,634.44	\$0.00	\$50,987.62
110726	175 Ton Refrigerant Condenser - Air Cooled	EA	\$2,353.18	\$51,201.66	\$0.00	\$53,554.84
110727	200 Ton Refrigerant Condenser - Air Cooled	EA	\$2,353.18	\$58,546.74	\$0.00	\$60,899.92
110728	250 Ton Refrigerant Condenser - Air Cooled	EA	\$2,353.18	\$68,459.04	\$0.00	\$70,812.22
110729	300 Ton Refrigerant Condenser - Air Cooled	EA	\$2,941.47	\$82,150.85	\$0.00	\$85,092.32
110730	350 Ton Refrigerant Condenser - Air Cooled	EA	\$2,941.47	\$95,842.66	\$0.00	\$98,784.13
110731	400 Ton Refrigerant Condenser - Air Cooled	EA	\$2,941.47	\$109,534.46	\$0.00	\$112,475.93
110732	450 Ton Refrigerant Condenser - Air Cooled	EA	\$2,941.47	\$123,226.27	\$0.00	\$126,167.74
110733	500 Ton Refrigerant Condenser - Air Cooled	EA	\$2,941.47	\$136,918.08	\$0.00	\$139,859.55
110734	5/8" Refrigerant Condenser Hook-Up - Air Cooled	EA	\$567.87	\$646.07	\$0.00	\$1,213.94
110735	1-3/8" Refrigerant Condenser Hook-Up - Air Cooled	EA	\$996.83	\$1,133.67	\$0.00	\$2,130.50
110736	2-1/8" Refrigerant Condenser Hook-Up - Air Cooled	EA	\$1,255.85	\$1,428.67	\$0.00	\$2,684.52
110737	2 Ton Refrigerant Condensing Unit & DX Cooling Coil - Residential Seer 14.	EA	\$457.56	\$2,291.72	\$0.00	\$2,749.28
110738	3 Ton Refrigerant Condensing Unit & DX Cooling Coil - Residential Seer 14.	EA	\$514.75	\$2,796.39	\$0.00	\$3,311.14
110739	4 Ton Refrigerant Condensing Unit & DX Cooling Coil - Residential Seer 14.	EA	\$571.95	\$3,331.53	\$0.00	\$3,903.48
110740	DX Cooling Coil & Condensing Unit Hook-Up Seer 14.	EA	\$194.46	\$135.31	\$0.00	\$329.77
110741	4 Ton Heat Pump Refrigerant Condensing Unit & DX Cooling Coil - Residential Seer 14.	EA	\$571.95	\$5,249.01	\$0.00	\$5,820.96

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
23-64-00 Packaged Water Chillers						
<i>Factory assembled and run-tested complete with base and frame, condenser casing, compressors, evaporator, condenser coils, condenser fans, motors, controllers and accessories.</i>						
23-64-16 Water Cooled Chillers						
110742	100 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$1,634.15	\$110,578.54	\$0.00	\$112,212.69
110743	125 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$1,634.15	\$131,480.58	\$0.00	\$133,114.73
110744	150 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$1,634.15	\$152,382.62	\$0.00	\$154,016.77
110745	175 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$1,634.15	\$169,913.36	\$0.00	\$171,547.51
110746	200 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$5,098.55	\$188,792.62	\$0.00	\$193,891.17
110747	250 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$5,098.55	\$222,505.59	\$0.00	\$227,604.14
110748	300 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$5,098.55	\$253,521.52	\$0.00	\$258,620.07
110749	350 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$5,098.55	\$283,188.94	\$0.00	\$288,287.49
110750	400 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$6,275.14	\$309,260.30	\$0.00	\$315,535.44
110751	450 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$6,275.14	\$335,781.17	\$0.00	\$342,056.31
110752	500 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$6,275.14	\$359,605.00	\$0.00	\$365,880.14
110753	550 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$6,275.14	\$385,676.36	\$0.00	\$391,951.50
110754	600 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$9,412.70	\$404,555.62	\$0.00	\$413,968.32
110755	650 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$9,412.70	\$426,581.43	\$0.00	\$435,994.13
110756	700 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$9,412.70	\$446,809.21	\$0.00	\$456,221.91
110757	750 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$9,412.70	\$465,238.97	\$0.00	\$474,651.67
110758	800 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$11,373.68	\$489,062.80	\$0.00	\$500,436.48
110759	850 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$11,373.68	\$504,346.01	\$0.00	\$515,719.69
110760	900 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$11,373.68	\$525,922.31	\$0.00	\$537,295.99
110761	950 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$11,373.68	\$538,058.98	\$0.00	\$549,432.66
110762	1,000 Ton Water Cooled Water Chiller- Basic Efficiency	EA	\$11,373.68	\$557,387.75	\$0.00	\$568,761.43
110763	100 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$1,634.15	\$129,457.80	\$0.00	\$131,091.95
110764	125 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$1,634.15	\$155,079.66	\$0.00	\$156,713.81
110765	150 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$1,634.15	\$180,701.51	\$0.00	\$182,335.66
110766	175 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$1,634.15	\$202,952.08	\$0.00	\$204,586.23
110767	200 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$5,098.55	\$226,551.15	\$0.00	\$231,649.70
110768	250 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$5,098.55	\$269,703.75	\$0.00	\$274,802.30

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
110769	300 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$5,098.55	\$310,159.31	\$0.00	\$315,257.86
110770	350 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$5,098.55	\$349,266.36	\$0.00	\$354,364.91
110771	400 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$6,275.14	\$384,777.35	\$0.00	\$391,052.49
110772	450 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$6,275.14	\$420,737.85	\$0.00	\$427,012.99
110773	500 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$6,275.14	\$454,001.31	\$0.00	\$460,276.45
110774	550 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$6,275.14	\$489,512.31	\$0.00	\$495,787.45
110775	600 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$9,412.70	\$517,831.20	\$0.00	\$527,243.90
110776	650 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$9,412.70	\$549,296.64	\$0.00	\$558,709.34
110777	700 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$9,412.70	\$578,964.05	\$0.00	\$588,376.75
110778	750 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$9,412.70	\$606,833.44	\$0.00	\$616,246.14
110779	800 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$11,373.68	\$640,096.90	\$0.00	\$651,470.58
110780	850 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$11,373.68	\$664,819.74	\$0.00	\$676,193.42
110781	900 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$11,373.68	\$695,835.68	\$0.00	\$707,209.36
110782	950 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$11,373.68	\$717,411.98	\$0.00	\$728,785.66
110783	1,000 Ton Water Cooled Water Chiller- Standard Efficiency	EA	\$11,373.68	\$746,180.38	\$0.00	\$757,554.06
110784	100 Ton Water Cooled Water Chiller- High Efficiency	EA	\$1,634.15	\$148,337.06	\$0.00	\$149,971.21
110785	125 Ton Water Cooled Water Chiller- High Efficiency	EA	\$1,634.15	\$178,678.74	\$0.00	\$180,312.89
110786	150 Ton Water Cooled Water Chiller- High Efficiency	EA	\$1,634.15	\$209,020.41	\$0.00	\$210,654.56
110787	175 Ton Water Cooled Water Chiller- High Efficiency	EA	\$1,634.15	\$235,990.78	\$0.00	\$237,624.93
110788	200 Ton Water Cooled Water Chiller- High Efficiency	EA	\$5,098.55	\$264,309.68	\$0.00	\$269,408.23
110789	250 Ton Water Cooled Water Chiller- High Efficiency	EA	\$5,098.55	\$316,901.91	\$0.00	\$322,000.46
110790	300 Ton Water Cooled Water Chiller- High Efficiency	EA	\$5,098.55	\$366,797.10	\$0.00	\$371,895.65
110791	350 Ton Water Cooled Water Chiller- High Efficiency	EA	\$5,098.55	\$415,343.78	\$0.00	\$420,442.33
110792	400 Ton Water Cooled Water Chiller- High Efficiency	EA	\$6,275.14	\$460,294.40	\$0.00	\$466,569.54
110793	450 Ton Water Cooled Water Chiller- High Efficiency	EA	\$6,275.14	\$505,694.53	\$0.00	\$511,969.67
110794	500 Ton Water Cooled Water Chiller- High Efficiency	EA	\$6,275.14	\$548,397.62	\$0.00	\$554,672.76
110795	550 Ton Water Cooled Water Chiller- High Efficiency	EA	\$6,275.14	\$593,348.25	\$0.00	\$599,623.39
110796	600 Ton Water Cooled Water Chiller- High Efficiency	EA	\$9,412.70	\$631,106.78	\$0.00	\$640,519.48
110797	650 Ton Water Cooled Water Chiller- High Efficiency	EA	\$9,412.70	\$672,011.84	\$0.00	\$681,424.54
110798	700 Ton Water Cooled Water Chiller- High Efficiency	EA	\$9,412.70	\$711,118.89	\$0.00	\$720,531.59

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		Units	Labor	Material	Equipment	Total
110799	750 Ton Water Cooled Water Chiller- High Efficiency	EA	\$9,412.70	\$748,427.91	\$0.00	\$757,840.61
110800	800 Ton Water Cooled Water Chiller- High Efficiency	EA	\$11,373.68	\$791,131.00	\$0.00	\$802,504.68
110801	850 Ton Water Cooled Water Chiller- High Efficiency	EA	\$11,373.68	\$825,293.48	\$0.00	\$836,667.16
110802	900 Ton Water Cooled Water Chiller- High Efficiency	EA	\$11,373.68	\$865,749.04	\$0.00	\$877,122.72
110803	950 Ton Water Cooled Water Chiller- High Efficiency	EA	\$11,373.68	\$896,764.97	\$0.00	\$908,138.65
110804	1,000 Ton Water Cooled Water Chiller- High Efficiency	EA	\$11,373.68	\$934,973.00	\$0.00	\$946,346.68
110805	10 Ton Water Cooled Water Chiller- Modular	EA	\$1,045.86	\$12,765.98	\$0.00	\$13,811.84
110806	20 Ton Water Cooled Water Chiller- Modular	EA	\$1,045.86	\$25,531.96	\$0.00	\$26,577.82
110807	30 Ton Water Cooled Water Chiller- Modular	EA	\$1,045.86	\$38,297.93	\$0.00	\$39,343.79
110808	40 Ton Water Cooled Water Chiller- Modular	EA	\$1,307.32	\$51,063.91	\$0.00	\$52,371.23
110809	50 Ton Water Cooled Water Chiller- Modular	EA	\$1,307.32	\$63,829.89	\$0.00	\$65,137.21
110810	70 Ton Water Cooled Water Chiller- Modular	EA	\$1,307.32	\$89,361.84	\$0.00	\$90,669.16
110811	85 Ton Water Cooled Water Chiller- Modular	EA	\$1,307.32	\$108,510.81	\$0.00	\$109,818.13
110812	2-1/2" Water Cooled Water Chiller Hook-Up	EA	\$5,229.28	\$2,364.86	\$0.00	\$7,594.14
110813	4" Water Cooled Water Chiller Hook-Up	EA	\$6,373.18	\$3,461.96	\$0.00	\$9,835.14
110814	6" Water Cooled Water Chiller Hook-Up	EA	\$7,762.21	\$5,778.06	\$0.00	\$13,540.27
110815	8" Water Cooled Water Chiller Hook-Up	EA	\$9,314.66	\$8,776.80	\$0.00	\$18,091.46
110816	10" Water Cooled Water Chiller Hook-Up	EA	\$11,929.30	\$16,212.70	\$0.00	\$28,142.00
110817	12" Water Cooled Water Chiller Hook-Up	EA	\$14,217.10	\$18,772.60	\$0.00	\$32,989.70
110818	14" Water Cooled Water Chiller Hook-Up	EA	\$16,504.92	\$26,342.59	\$0.00	\$42,847.51
110819	16" Water Cooled Water Chiller Hook-Up	EA	\$18,139.06	\$28,865.92	\$0.00	\$47,004.98
110820	[Modifier] Water Cooled Water Chiller- Additional Distribution & Assembly Labor Item to be applied to installations within existing mechanical spaces with limited accessibility.	TON	\$43.95	\$0.00	\$0.00	\$43.95
23-64-19 Air Cooled Chillers						
110821	25 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$1,634.15	\$44,950.62	\$0.00	\$46,584.77
110822	50 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$1,634.15	\$77,764.58	\$0.00	\$79,398.73
110823	75 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$1,960.98	\$105,858.73	\$0.00	\$107,819.71
110824	100 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$1,960.98	\$131,255.82	\$0.00	\$133,216.80

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		Units	Labor	Material	Equipment	Total
110825	125 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$1,960.98	\$153,955.90	\$0.00	\$155,916.88
110826	150 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$3,840.25	\$175,307.44	\$0.00	\$179,147.69
110827	175 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$3,840.25	\$195,085.71	\$0.00	\$198,925.96
110828	200 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$5,098.55	\$213,964.98	\$0.00	\$219,063.53
110829	250 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$5,098.55	\$247,228.44	\$0.00	\$252,326.99
110830	300 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$5,098.55	\$277,794.86	\$0.00	\$282,893.41
110831	350 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$5,098.55	\$305,214.74	\$0.00	\$310,313.29
110832	400 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$6,275.14	\$327,240.55	\$0.00	\$333,515.69
110833	450 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$6,275.14	\$351,963.39	\$0.00	\$358,238.53
110834	500 Ton Air Cooled Water Chiller-Basic Efficiency	EA	\$6,275.14	\$373,090.19	\$0.00	\$379,365.33
110835	25 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$1,634.15	\$49,445.69	\$0.00	\$51,079.84
110836	50 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$1,634.15	\$86,754.71	\$0.00	\$88,388.86
110837	75 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$1,960.98	\$119,343.92	\$0.00	\$121,304.90
110838	100 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$1,960.98	\$149,236.08	\$0.00	\$151,197.06
110839	125 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$1,960.98	\$176,431.21	\$0.00	\$178,392.19
110840	150 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$3,840.25	\$202,277.81	\$0.00	\$206,118.06
110841	175 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$3,840.25	\$226,551.15	\$0.00	\$230,391.40
110842	200 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$5,098.55	\$249,925.48	\$0.00	\$255,024.03
110843	250 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$5,098.55	\$292,179.06	\$0.00	\$297,277.61
110844	300 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$5,098.55	\$331,735.61	\$0.00	\$336,834.16
110845	350 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$5,098.55	\$368,145.62	\$0.00	\$373,244.17
110846	400 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$6,275.14	\$399,161.55	\$0.00	\$405,436.69
110847	450 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$6,275.14	\$432,874.52	\$0.00	\$439,149.66
110848	500 Ton Air Cooled Water Chiller-Standard Efficiency	EA	\$6,275.14	\$462,991.44	\$0.00	\$469,266.58
110849	25 Ton Air Cooled Water Chiller-High Efficiency	EA	\$1,634.15	\$54,615.02	\$0.00	\$56,249.17
110850	50 Ton Air Cooled Water Chiller-High Efficiency	EA	\$1,634.15	\$97,093.35	\$0.00	\$98,727.50
110851	75 Ton Air Cooled Water Chiller-High Efficiency	EA	\$1,960.98	\$134,851.88	\$0.00	\$136,812.86
110852	100 Ton Air Cooled Water Chiller-High Efficiency	EA	\$1,960.98	\$169,913.36	\$0.00	\$171,874.34
110853	125 Ton Air Cooled Water Chiller-High Efficiency	EA	\$1,960.98	\$202,277.81	\$0.00	\$204,238.79
110854	150 Ton Air Cooled Water Chiller-High Efficiency	EA	\$3,840.25	\$233,293.74	\$0.00	\$237,133.99

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		Units	Labor	Material	Equipment	Total
110855	175 Ton Air Cooled Water Chiller-High Efficiency	EA	\$3,840.25	\$262,736.41	\$0.00	\$266,576.66
110856	200 Ton Air Cooled Water Chiller-High Efficiency	EA	\$5,098.55	\$291,280.05	\$0.00	\$296,378.60
110857	250 Ton Air Cooled Water Chiller-High Efficiency	EA	\$5,098.55	\$343,872.28	\$0.00	\$348,970.83
110858	300 Ton Air Cooled Water Chiller-High Efficiency	EA	\$5,098.55	\$393,767.48	\$0.00	\$398,866.03
110859	350 Ton Air Cooled Water Chiller-High Efficiency	EA	\$5,098.55	\$440,516.12	\$0.00	\$445,614.67
110860	400 Ton Air Cooled Water Chiller-High Efficiency	EA	\$6,275.14	\$481,870.70	\$0.00	\$488,145.84
110861	450 Ton Air Cooled Water Chiller-High Efficiency	EA	\$6,275.14	\$525,922.31	\$0.00	\$532,197.45
110862	500 Ton Air Cooled Water Chiller-High Efficiency	EA	\$6,275.14	\$566,377.88	\$0.00	\$572,653.02
110863	100 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$1,960.98	\$229,248.19	\$0.00	\$231,209.17
110864	125 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$1,960.98	\$286,560.24	\$0.00	\$288,521.22
110865	150 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$3,840.25	\$343,872.28	\$0.00	\$347,712.53
110866	175 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$3,840.25	\$401,184.33	\$0.00	\$405,024.58
110867	200 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$5,098.55	\$458,496.38	\$0.00	\$463,594.93
110868	250 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$5,098.55	\$573,120.47	\$0.00	\$578,219.02
110869	300 Ton Air Cooled Water Chiller-Heat Recovery	EA	\$5,098.55	\$687,744.56	\$0.00	\$692,843.11
110870	2-1/2" Air Cooled Water Chiller Hook-Up	EA	\$4,412.20	\$1,423.79	\$0.00	\$5,835.99
110871	4" Air Cooled Water Chiller Hook-Up	EA	\$5,882.94	\$2,133.25	\$0.00	\$8,016.19
110872	6" Air Cooled Water Chiller Hook-Up	EA	\$7,108.55	\$3,410.76	\$0.00	\$10,519.31
110873	8" Air Cooled Water Chiller Hook-Up	EA	\$8,661.00	\$5,907.27	\$0.00	\$14,568.27
110874	10" Air Cooled Water Chiller Hook-Up	EA	\$11,030.51	\$7,314.00	\$0.00	\$18,344.51
110875	12" Air Cooled Water Chiller Hook-Up	EA	\$12,991.49	\$12,689.79	\$0.00	\$25,681.28

23-65-00 Cooling Towers

23-65-13 Forced-Draft Cooling Towers

110876	50 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$1,568.78	\$25,294.25	\$0.00	\$26,863.03
110877	100 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$2,745.37	\$48,760.00	\$0.00	\$51,505.37
110878	150 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$2,745.37	\$70,397.25	\$0.00	\$73,142.62

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		Units	Labor	Material	Equipment	Total
110879	200 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$90,206.00	\$0.00	\$94,520.16
110880	250 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$106,662.50	\$0.00	\$110,976.66
110881	300 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$122,509.50	\$0.00	\$126,823.66
110882	350 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$136,528.00	\$0.00	\$140,842.16
110883	400 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$148,718.00	\$0.00	\$153,032.16
110884	450 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$159,079.50	\$0.00	\$163,393.66
110885	500 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$167,612.50	\$0.00	\$171,926.66
110886	550 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$174,317.00	\$0.00	\$178,631.16
110887	600 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$179,193.00	\$0.00	\$183,507.16
110888	650 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$182,240.50	\$0.00	\$190,868.81
110889	700 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$183,459.50	\$0.00	\$192,087.81
110890	750 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$182,850.00	\$0.00	\$191,478.31

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		Units	Labor	Material	Equipment	Total
110891	800 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$180,412.00	\$0.00	\$189,040.31
110892	850 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$170,964.75	\$0.00	\$179,593.06
110893	900 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$164,565.00	\$0.00	\$177,703.57
110894	950 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$156,336.75	\$0.00	\$169,475.32
110895	1,000 Ton Open-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$146,280.00	\$0.00	\$159,418.57
110896	50 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$1,568.78	\$28,341.75	\$0.00	\$29,910.53
110897	100 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$2,745.37	\$54,855.00	\$0.00	\$57,600.37
110898	150 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$2,745.37	\$79,539.75	\$0.00	\$82,285.12
110899	200 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$102,396.00	\$0.00	\$106,710.16
110900	250 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$121,900.00	\$0.00	\$126,214.16
110901	300 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$140,794.50	\$0.00	\$145,108.66
110902	350 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$157,860.50	\$0.00	\$162,174.66

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		Units	Labor	Material	Equipment	Total
110903	400 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$173,098.00	\$0.00	\$177,412.16
110904	450 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$186,507.00	\$0.00	\$190,821.16
110905	500 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$198,087.50	\$0.00	\$202,401.66
110906	550 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$207,839.50	\$0.00	\$212,153.66
110907	600 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$215,763.00	\$0.00	\$220,077.16
110908	650 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$221,858.00	\$0.00	\$230,486.31
110909	700 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$226,124.50	\$0.00	\$234,752.81
110910	750 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$228,562.50	\$0.00	\$237,190.81
110911	800 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$229,172.00	\$0.00	\$237,800.31
110912	850 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$222,772.25	\$0.00	\$231,400.56
110913	900 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$219,420.00	\$0.00	\$232,558.57
110914	950 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$214,239.25	\$0.00	\$227,377.82

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		Units	Labor	Material	Equipment	Total
110915	1,000 Ton Open-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$207,230.00	\$0.00	\$220,368.57
110916	50 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$1,568.78	\$38,261.36	\$0.00	\$39,830.14
110917	100 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$2,745.37	\$74,054.25	\$0.00	\$76,799.62
110918	150 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$2,745.37	\$107,378.66	\$0.00	\$110,124.03
110919	200 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$138,234.60	\$0.00	\$142,548.76
110920	250 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$164,565.00	\$0.00	\$168,879.16
110921	300 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$190,072.58	\$0.00	\$194,386.74
110922	350 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$213,111.68	\$0.00	\$217,425.84
110923	400 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$233,682.30	\$0.00	\$237,996.46
110924	450 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$251,784.45	\$0.00	\$256,098.61
110925	500 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$267,418.12	\$0.00	\$271,732.28
110926	550 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$280,583.32	\$0.00	\$284,897.48

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		Units	Labor	Material	Equipment	Total
110927	600 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$4,314.16	\$291,280.05	\$0.00	\$295,594.21
110928	650 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$299,508.30	\$0.00	\$308,136.61
110929	700 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$305,268.08	\$0.00	\$313,896.39
110930	750 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$308,559.38	\$0.00	\$317,187.69
110931	800 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$309,382.20	\$0.00	\$318,010.51
110932	850 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$8,628.31	\$300,742.54	\$0.00	\$309,370.85
110933	900 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$296,217.00	\$0.00	\$309,355.57
110934	950 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$289,222.99	\$0.00	\$302,361.56
110935	1,000 Ton Open-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$13,138.57	\$279,760.50	\$0.00	\$292,899.07
110936	4" Cooling Tower Hook-Up	EA	\$3,399.03	\$1,064.55	\$0.00	\$4,463.58
110937	6" Cooling Tower Hook-Up	EA	\$4,142.58	\$1,776.75	\$0.00	\$5,919.33
110938	8" Cooling Tower Hook-Up	EA	\$5,057.70	\$2,698.87	\$0.00	\$7,756.57
110939	10" Cooling Tower Hook-Up	EA	\$6,463.07	\$4,985.41	\$0.00	\$11,448.48
110940	12" Cooling Tower Hook-Up	EA	\$7,623.32	\$5,772.57	\$0.00	\$13,395.89
110941	14" Cooling Tower Hook-Up	EA	\$8,742.70	\$7,083.02	\$0.00	\$15,825.72
110942	16" Cooling Tower Hook-Up	EA	\$9,911.11	\$10,385.88	\$0.00	\$20,296.99
23-65-33	Liquid Coolers					
110943	50 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$1,960.98	\$60,950.00	\$0.00	\$62,910.98

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		Units	Labor	Material	Equipment	Total
110944	100 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$3,431.72	\$103,615.00	\$0.00	\$107,046.72
110945	150 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$3,431.72	\$127,995.00	\$0.00	\$131,426.72
110946	200 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$158,470.00	\$0.00	\$163,862.70
110947	250 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$198,087.50	\$0.00	\$203,480.20
110948	300 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$237,705.00	\$0.00	\$243,097.70
110949	350 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$277,322.50	\$0.00	\$282,715.20
110950	400 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$316,940.00	\$0.00	\$322,332.70
110951	450 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$356,557.50	\$0.00	\$361,950.20
110952	500 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$396,175.00	\$0.00	\$401,567.70
110953	550 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$435,792.50	\$0.00	\$441,185.20
110954	600 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$475,410.00	\$0.00	\$480,802.70
110955	650 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$515,027.50	\$0.00	\$525,812.89

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		Units	Labor	Material	Equipment	Total
110956	700 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$554,645.00	\$0.00	\$565,430.39
110957	750 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$594,262.50	\$0.00	\$605,047.89
110958	800 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$633,880.00	\$0.00	\$644,665.39
110959	850 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$673,497.50	\$0.00	\$684,282.89
110960	900 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$713,115.00	\$0.00	\$729,538.21
110961	950 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$752,732.50	\$0.00	\$769,155.71
110962	1,000 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$792,350.00	\$0.00	\$808,773.21
110963	50 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$1,960.98	\$68,568.75	\$0.00	\$70,529.73
110964	100 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$3,431.72	\$118,852.50	\$0.00	\$122,284.22
110965	150 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$3,431.72	\$150,851.25	\$0.00	\$154,282.97
110966	200 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$188,945.00	\$0.00	\$194,337.70
110967	250 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$236,181.25	\$0.00	\$241,573.95

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		Units	Labor	Material	Equipment	Total
110968	300 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$283,417.50	\$0.00	\$288,810.20
110969	350 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$330,653.75	\$0.00	\$336,046.45
110970	400 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$377,890.00	\$0.00	\$383,282.70
110971	450 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$425,126.25	\$0.00	\$430,518.95
110972	500 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$472,362.50	\$0.00	\$477,755.20
110973	550 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$519,598.75	\$0.00	\$524,991.45
110974	600 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$566,835.00	\$0.00	\$572,227.70
110975	650 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$614,071.25	\$0.00	\$624,856.64
110976	700 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$661,307.50	\$0.00	\$672,092.89
110977	750 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$708,543.75	\$0.00	\$719,329.14
110978	800 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$755,780.00	\$0.00	\$766,565.39
110979	850 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$803,016.25	\$0.00	\$813,801.64

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		Units	Labor	Material	Equipment	Total
110980	900 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$850,252.50	\$0.00	\$866,675.71
110981	950 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$897,488.75	\$0.00	\$913,911.96
110982	1,000 Ton Closed-Circuit Cooling Tower- Galvanized Structure & Stainless Steel Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$944,725.00	\$0.00	\$961,148.21
110983	50 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$1,960.98	\$68,568.75	\$0.00	\$70,529.73
110984	100 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$3,431.72	\$160,298.50	\$0.00	\$163,730.22
110985	150 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$3,431.72	\$203,877.75	\$0.00	\$207,309.47
110986	200 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$255,990.00	\$0.00	\$261,382.70
110987	250 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$319,987.50	\$0.00	\$325,380.20
110988	300 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$383,985.00	\$0.00	\$389,377.70
110989	350 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$447,982.50	\$0.00	\$453,375.20
110990	400 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$511,980.00	\$0.00	\$517,372.70
110991	450 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$575,977.50	\$0.00	\$581,370.20

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		Units	Labor	Material	Equipment	Total
110992	500 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$639,975.00	\$0.00	\$645,367.70
110993	550 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$703,972.50	\$0.00	\$709,365.20
110994	600 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$5,392.70	\$767,970.00	\$0.00	\$773,362.70
110995	650 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$831,967.50	\$0.00	\$842,752.89
110996	700 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$895,965.00	\$0.00	\$906,750.39
110997	750 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$959,962.50	\$0.00	\$970,747.89
110998	800 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$1,023,960.00	\$0.00	\$1,034,745.39
110999	850 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$10,785.39	\$1,087,957.50	\$0.00	\$1,098,742.89
111000	900 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$1,151,955.00	\$0.00	\$1,168,378.21
111001	950 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$1,215,952.50	\$0.00	\$1,232,375.71
111002	1,000 Ton Closed-Circuit Cooling Tower- Stainless Steel Structure & Basin Forced, Induced Draft, Counterflow Or Crossflow	EA	\$16,423.21	\$1,279,950.00	\$0.00	\$1,296,373.21
111003	4" Fluid Cooler Hook-Up	EA	\$3,399.03	\$1,064.55	\$0.00	\$4,463.58
111004	6" Fluid Cooler Hook-Up	EA	\$4,142.58	\$1,776.75	\$0.00	\$5,919.33
111005	8" Fluid Cooler Hook-Up	EA	\$5,057.70	\$2,698.87	\$0.00	\$7,756.57
111006	10" Fluid Cooler Hook-Up	EA	\$6,463.07	\$4,985.41	\$0.00	\$11,448.48
111007	12" Fluid Cooler Hook-Up	EA	\$7,623.32	\$5,772.57	\$0.00	\$13,395.89

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		Units	Labor	Material	Equipment	Total
111008	14" Fluid Cooler Hook-Up	EA	\$8,742.70	\$7,083.02	\$0.00	\$15,825.72

23-70-00 Central HVAC Equipment

- HVAC Equipment costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- HVAC Equipment Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 10 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
- Air Handling Unit and Packaged DX Rooftop Unit costs include variable frequency drives and roof curbs as required.
- HVAC Equipment costs exclude housekeeping pads and dunnage.

23-73-00 Central-Station Air-Handling Units

Air Handling Units (AHUs) to be double wall galvanized construction and include fans, motor and variable frequency drive (VFD) assemblies, coils, dampers, plenums, filters, condensate pans, mixing dampers, access sections, and accessories.

23-73-13 Modular Central-Station Air-Handling Units

Standard factory-made cataloged units with typical components. Flexible due to adjustable modular construction.

111009	500 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$794.66	\$11,781.64	\$0.00	\$12,576.30
111010	1,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$794.66	\$19,936.74	\$0.00	\$20,731.40
111011	1,500 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,191.99	\$24,477.52	\$0.00	\$25,669.51
111012	2,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,191.99	\$29,329.14	\$0.00	\$30,521.13
111013	2,500 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$34,607.41	\$0.00	\$36,196.73
111014	3,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$38,288.79	\$0.00	\$39,878.11
111015	3,500 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$40,556.13	\$0.00	\$42,145.45

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		Units	Labor	Material	Equipment	Total
111016	4,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$41,641.04	\$0.00	\$43,230.36
111017	4,500 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$44,572.74	\$0.00	\$46,162.06
111018	5,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$44,767.78	\$0.00	\$46,357.10
111019	6,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$50,283.75	\$0.00	\$51,873.07
111020	7,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,589.32	\$54,653.86	\$0.00	\$56,243.18
111021	8,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,383.97	\$62,461.56	\$0.00	\$64,845.53
111022	9,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,383.97	\$70,269.26	\$0.00	\$72,653.23
111023	10,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,383.97	\$78,076.95	\$0.00	\$80,460.92
111024	11,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,178.63	\$85,884.64	\$0.00	\$89,063.27
111025	12,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,178.63	\$93,692.34	\$0.00	\$96,870.97

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		Units	Labor	Material	Equipment	Total
111026	13,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,178.63	\$101,500.04	\$0.00	\$104,678.67
111027	14,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,178.63	\$109,307.73	\$0.00	\$112,486.36
111028	15,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$112,909.88	\$0.00	\$117,677.84
111029	16,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$115,853.76	\$0.00	\$120,621.72
111030	17,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$123,094.62	\$0.00	\$127,862.58
111031	18,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$130,335.48	\$0.00	\$135,103.44
111032	19,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$137,576.34	\$0.00	\$142,344.30
111033	20,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$144,817.20	\$0.00	\$149,585.16
111034	21,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$152,058.06	\$0.00	\$156,826.02
111035	22,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$159,298.92	\$0.00	\$164,066.88

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		Units	Labor	Material	Equipment	Total
111036	23,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$163,315.52	\$0.00	\$168,083.48
111037	24,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$166,905.48	\$0.00	\$171,673.44
111038	25,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$170,355.25	\$0.00	\$175,123.21
111039	26,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$173,366.18	\$0.00	\$178,134.14
111040	27,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$180,034.11	\$0.00	\$184,802.07
111041	28,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$186,702.04	\$0.00	\$191,470.00
111042	29,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$193,369.97	\$0.00	\$198,137.93
111043	30,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$200,037.90	\$0.00	\$204,805.86
111044	31,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$202,360.10	\$0.00	\$207,128.06
111045	32,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$204,206.88	\$0.00	\$208,974.84

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		Units	Labor	Material	Equipment	Total
111046	33,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$205,157.70	\$0.00	\$209,925.66
111047	34,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$207,230.00	\$0.00	\$211,997.96
111048	35,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$213,325.00	\$0.00	\$218,092.96
111049	36,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,767.96	\$219,420.00	\$0.00	\$224,187.96
111050	37,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$225,515.00	\$0.00	\$231,474.94
111051	38,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$231,610.00	\$0.00	\$237,569.94
111052	39,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$237,705.00	\$0.00	\$243,664.94
111053	40,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$243,800.00	\$0.00	\$249,759.94
111054	41,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$249,895.00	\$0.00	\$255,854.94
111055	42,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$255,990.00	\$0.00	\$261,949.94

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		Units	Labor	Material	Equipment	Total
111056	43,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$262,085.00	\$0.00	\$268,044.94
111057	44,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$268,180.00	\$0.00	\$274,139.94
111058	45,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$274,275.00	\$0.00	\$280,234.94
111059	46,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$280,370.00	\$0.00	\$286,329.94
111060	47,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$286,465.00	\$0.00	\$292,424.94
111061	48,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$292,560.00	\$0.00	\$298,519.94
111062	49,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$298,655.00	\$0.00	\$304,614.94
111063	50,000 CFM Modular Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$304,750.00	\$0.00	\$310,709.94
111064	500 CFM Air-to-Air Heat Exchanger (HX)	EA	\$794.66	\$4,967.42	\$0.00	\$5,762.08
111065	1,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$794.66	\$9,934.85	\$0.00	\$10,729.51
111066	1,500 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,191.99	\$14,902.28	\$0.00	\$16,094.27
111067	2,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,191.99	\$17,431.70	\$0.00	\$18,623.69
111068	2,500 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$19,808.75	\$0.00	\$21,398.07
111069	3,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$21,393.45	\$0.00	\$22,982.77

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		Units	Labor	Material	Equipment	Total
111070	3,500 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$20,905.85	\$0.00	\$22,495.17
111071	4,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$20,723.00	\$0.00	\$22,312.32
111072	4,500 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$19,747.80	\$0.00	\$21,337.12
111073	5,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$18,285.00	\$0.00	\$19,874.32
111074	6,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$21,942.00	\$0.00	\$23,531.32
111075	7,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$1,589.32	\$25,599.00	\$0.00	\$27,188.32
111076	8,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$2,383.97	\$29,256.00	\$0.00	\$31,639.97
111077	9,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$2,383.97	\$32,913.00	\$0.00	\$35,296.97
111078	10,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$2,383.97	\$36,570.00	\$0.00	\$38,953.97
111079	11,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$3,178.63	\$40,227.00	\$0.00	\$43,405.63
111080	12,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$3,178.63	\$43,884.00	\$0.00	\$47,062.63
111081	13,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$3,178.63	\$47,541.00	\$0.00	\$50,719.63
111082	14,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$3,178.63	\$51,198.00	\$0.00	\$54,376.63
111083	15,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$54,855.00	\$0.00	\$59,622.96
111084	16,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$58,512.00	\$0.00	\$63,279.96
111085	17,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$62,169.00	\$0.00	\$66,936.96
111086	18,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$65,826.00	\$0.00	\$70,593.96
111087	19,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$69,483.00	\$0.00	\$74,250.96
111088	20,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$73,140.00	\$0.00	\$77,907.96
111089	21,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$76,797.00	\$0.00	\$81,564.96
111090	22,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$80,454.00	\$0.00	\$85,221.96
111091	23,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$84,111.00	\$0.00	\$88,878.96
111092	24,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$87,768.00	\$0.00	\$92,535.96
111093	25,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$91,425.00	\$0.00	\$96,192.96
111094	26,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$95,082.00	\$0.00	\$99,849.96
111095	27,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$98,739.00	\$0.00	\$103,506.96
111096	28,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$102,396.00	\$0.00	\$107,163.96
111097	29,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$106,053.00	\$0.00	\$110,820.96
111098	30,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$109,710.00	\$0.00	\$114,477.96
111099	31,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$113,367.00	\$0.00	\$118,134.96

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		Units	Labor	Material	Equipment	Total
111100	32,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$117,024.00	\$0.00	\$121,791.96
111101	33,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$120,681.00	\$0.00	\$125,448.96
111102	34,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$124,338.00	\$0.00	\$129,105.96
111103	35,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$127,995.00	\$0.00	\$132,762.96
111104	36,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$4,767.96	\$131,652.00	\$0.00	\$136,419.96
111105	37,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$135,309.00	\$0.00	\$141,268.94
111106	38,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$138,966.00	\$0.00	\$144,925.94
111107	39,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$142,623.00	\$0.00	\$148,582.94
111108	40,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$146,280.00	\$0.00	\$152,239.94
111109	41,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$149,937.00	\$0.00	\$155,896.94
111110	42,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$153,594.00	\$0.00	\$159,553.94
111111	43,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$157,251.00	\$0.00	\$163,210.94
111112	44,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$160,908.00	\$0.00	\$166,867.94
111113	45,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$164,565.00	\$0.00	\$170,524.94
111114	46,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$168,222.00	\$0.00	\$174,181.94
111115	47,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$171,879.00	\$0.00	\$177,838.94
111116	48,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$175,536.00	\$0.00	\$181,495.94
111117	49,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$179,193.00	\$0.00	\$185,152.94
111118	50,000 CFM Air-to-Air Heat Exchanger (HX)	EA	\$5,959.94	\$182,850.00	\$0.00	\$188,809.94
111119	[Modifier] Modular Air Handling Unit (AHU) - Add Heat or Energy Recovery Heat recovery rotary wheel, flat plate heat exchanger or heat pipe technologies.	CFM	\$0.36	\$2.44	\$0.00	\$2.80
111120	[Modifier] Modular Air Handling Unit (AHU) - Remove Return or Exhaust Fan	CFM	\$0.30	\$0.98	\$0.00	\$1.28
111121	[Modifier] Modular Air Handling Unit (AHU) - Add or Remove Coil Heating, Cooling, Heat Recovery or Humidification	CFM	\$0.24	\$0.73	\$0.00	\$0.97

23-73-16 Semi-Custom Central-Station Air-Handling Units

Highly flexible, but cataloged, AHUs that can be modified to meet specific job requirements. Typically use building-block or modular construction methodology to allow for a wide range of standard and custom engineered modules. Standard and optional components available.

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		Units	Labor	Material	Equipment	Total
111122	500 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$993.32	\$17,672.45	\$0.00	\$18,665.77
111123	1,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$993.32	\$29,905.12	\$0.00	\$30,898.44
111124	1,500 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,489.99	\$36,716.28	\$0.00	\$38,206.27
111125	2,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,489.99	\$43,993.71	\$0.00	\$45,483.70
111126	2,500 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$51,911.12	\$0.00	\$53,897.77
111127	3,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$57,433.18	\$0.00	\$59,419.83
111128	3,500 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$60,834.20	\$0.00	\$62,820.85
111129	4,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$62,461.56	\$0.00	\$64,448.21
111130	4,500 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$66,859.10	\$0.00	\$68,845.75
111131	5,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$67,151.66	\$0.00	\$69,138.31

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		Units	Labor	Material	Equipment	Total
111132	6,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$75,425.62	\$0.00	\$77,412.27
111133	7,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,986.65	\$81,980.80	\$0.00	\$83,967.45
111134	8,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$93,692.34	\$0.00	\$96,672.31
111135	9,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$105,403.88	\$0.00	\$108,383.85
111136	10,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$117,115.42	\$0.00	\$120,095.39
111137	11,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,973.30	\$128,826.97	\$0.00	\$132,800.27
111138	12,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,973.30	\$140,538.51	\$0.00	\$144,511.81
111139	13,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,973.30	\$152,250.05	\$0.00	\$156,223.35
111140	14,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$3,973.30	\$163,961.60	\$0.00	\$167,934.90
111141	15,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$169,364.81	\$0.00	\$175,324.75

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		Units	Labor	Material	Equipment	Total
111142	16,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$173,780.64	\$0.00	\$179,740.58
111143	17,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$184,641.93	\$0.00	\$190,601.87
111144	18,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$195,503.22	\$0.00	\$201,463.16
111145	19,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$206,364.51	\$0.00	\$212,324.45
111146	20,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$217,225.80	\$0.00	\$223,185.74
111147	21,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$228,087.09	\$0.00	\$234,047.03
111148	22,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$238,948.38	\$0.00	\$244,908.32
111149	23,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$244,973.29	\$0.00	\$250,933.23
111150	24,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$250,358.22	\$0.00	\$256,318.16
111151	25,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$255,532.88	\$0.00	\$261,492.82

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		Units	Labor	Material	Equipment	Total
111152	26,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$260,049.27	\$0.00	\$266,009.21
111153	27,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$270,051.16	\$0.00	\$276,011.10
111154	28,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$280,053.06	\$0.00	\$286,013.00
111155	29,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$290,054.96	\$0.00	\$296,014.90
111156	30,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$300,056.85	\$0.00	\$306,016.79
111157	31,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$303,540.14	\$0.00	\$309,500.08
111158	32,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$306,310.32	\$0.00	\$312,270.26
111159	33,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$307,736.55	\$0.00	\$313,696.49
111160	34,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$310,845.00	\$0.00	\$316,804.94
111161	35,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$319,987.50	\$0.00	\$325,947.44

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		Units	Labor	Material	Equipment	Total
111162	36,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$329,130.00	\$0.00	\$335,089.94
111163	37,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$338,272.50	\$0.00	\$345,722.43
111164	38,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$347,415.00	\$0.00	\$354,864.93
111165	39,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$356,557.50	\$0.00	\$364,007.43
111166	40,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$365,700.00	\$0.00	\$373,149.93
111167	41,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$374,842.50	\$0.00	\$382,292.43
111168	42,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$383,985.00	\$0.00	\$391,434.93
111169	43,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$393,127.50	\$0.00	\$400,577.43
111170	44,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$402,270.00	\$0.00	\$409,719.93
111171	45,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$411,412.50	\$0.00	\$418,862.43

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		Units	Labor	Material	Equipment	Total
111172	46,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$420,555.00	\$0.00	\$428,004.93
111173	47,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$429,697.50	\$0.00	\$437,147.43
111174	48,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$438,840.00	\$0.00	\$446,289.93
111175	49,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$447,982.50	\$0.00	\$455,432.43
111176	50,000 CFM Semi-Custom Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$7,449.93	\$457,125.00	\$0.00	\$464,574.93
111177	[Modifier] Semi-Custom Air Handling Unit (AHU) - Add Heat or Energy Recovery Heat recovery rotary wheel, flat plate heat exchanger or heat pipe technologies.	CFM	\$0.36	\$3.05	\$0.00	\$3.41
111178	[Modifier] Semi-Custom Air Handling Unit (AHU) - Remove Return or Exhaust Fan	CFM	\$0.30	\$1.22	\$0.00	\$1.52
111179	[Modifier] Semi-Custom Air Handling Unit (AHU) - Add or Remove Coil Heating, Cooling, Heat Recovery or Humidification	CFM	\$0.24	\$0.91	\$0.00	\$1.15
111180	[Modifier] Semi-Custom Air Handling Unit (AHU) - Add 6' Service Corridor	CFM	\$0.12	\$4.27	\$0.00	\$4.39
111181	[Modifier] Semi-Custom Air Handling Unit (AHU) - Add Knocked-Down Assembly / Installation	CFM	\$1.07	\$0.00	\$0.00	\$1.07

23-73-23 Custom Central-Station Air-Handling Units

Engineered and designed to meet special application or capacity requirements beyond standard manufactured equipment. Size, material type, thickness of construction, insulation, and internal components can all be altered to meet specified performance requirements.

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		Units	Labor	Material	Equipment	Total
111182	500 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,489.99	\$29,454.09	\$0.00	\$30,944.08
111183	1,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$1,489.99	\$49,841.86	\$0.00	\$51,331.85
111184	1,500 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,234.98	\$61,193.80	\$0.00	\$63,428.78
111185	2,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,234.98	\$73,322.85	\$0.00	\$75,557.83
111186	2,500 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$86,518.52	\$0.00	\$89,498.49
111187	3,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$95,721.98	\$0.00	\$98,701.95
111188	3,500 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$101,390.32	\$0.00	\$104,370.29
111189	4,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$104,102.60	\$0.00	\$107,082.57
111190	4,500 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$111,431.84	\$0.00	\$114,411.81
111191	5,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$111,919.44	\$0.00	\$114,899.41

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		Units	Labor	Material	Equipment	Total
111192	6,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$125,709.38	\$0.00	\$128,689.35
111193	7,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$2,979.97	\$136,634.66	\$0.00	\$139,614.63
111194	8,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,469.96	\$156,153.90	\$0.00	\$160,623.86
111195	9,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,469.96	\$175,673.14	\$0.00	\$180,143.10
111196	10,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$4,469.96	\$195,192.38	\$0.00	\$199,662.34
111197	11,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$214,711.61	\$0.00	\$220,671.55
111198	12,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$234,230.85	\$0.00	\$240,190.79
111199	13,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$5,959.94	\$253,750.09	\$0.00	\$259,710.03
111200	14,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$273,269.32	\$0.00	\$282,209.24
111201	15,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$282,274.69	\$0.00	\$291,214.61

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		Units	Labor	Material	Equipment	Total
111202	16,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$289,634.40	\$0.00	\$298,574.32
111203	17,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$307,736.55	\$0.00	\$316,676.47
111204	18,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$325,838.70	\$0.00	\$334,778.62
111205	19,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$343,940.85	\$0.00	\$352,880.77
111206	20,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$362,043.00	\$0.00	\$370,982.92
111207	21,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$380,145.15	\$0.00	\$389,085.07
111208	22,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$398,247.30	\$0.00	\$407,187.22
111209	23,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$408,288.81	\$0.00	\$417,228.73
111210	24,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$417,263.70	\$0.00	\$426,203.62
111211	25,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$425,888.12	\$0.00	\$434,828.04

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		Units	Labor	Material	Equipment	Total
111212	26,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$433,415.45	\$0.00	\$442,355.37
111213	27,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$450,085.28	\$0.00	\$459,025.20
111214	28,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$466,755.10	\$0.00	\$475,695.02
111215	29,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$483,424.92	\$0.00	\$492,364.84
111216	30,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$500,094.75	\$0.00	\$509,034.67
111217	31,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$505,900.24	\$0.00	\$514,840.16
111218	32,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$510,517.20	\$0.00	\$519,457.12
111219	33,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$512,894.25	\$0.00	\$521,834.17
111220	34,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$518,075.00	\$0.00	\$527,014.92
111221	35,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$533,312.50	\$0.00	\$542,252.42

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		Units	Labor	Material	Equipment	Total
111222	36,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$548,550.00	\$0.00	\$557,489.92
111223	37,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$8,939.92	\$563,787.50	\$0.00	\$572,727.42
111224	38,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$579,025.00	\$0.00	\$590,199.90
111225	39,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$594,262.50	\$0.00	\$605,437.40
111226	40,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$609,500.00	\$0.00	\$620,674.90
111227	41,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$624,737.50	\$0.00	\$635,912.40
111228	42,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$639,975.00	\$0.00	\$651,149.90
111229	43,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$655,212.50	\$0.00	\$666,387.40
111230	44,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$670,450.00	\$0.00	\$681,624.90
111231	45,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$685,687.50	\$0.00	\$696,862.40

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		Units	Labor	Material	Equipment	Total
111232	46,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$700,925.00	\$0.00	\$712,099.90
111233	47,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$716,162.50	\$0.00	\$727,337.40
111234	48,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$731,400.00	\$0.00	\$742,574.90
111235	49,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$746,637.50	\$0.00	\$757,812.40
111236	50,000 CFM Custom Built Air Handling Unit (AHU) Includes 7 Sections - Supply Fan, Return Or Exhaust Fan, Pre-Filters, Final Filters, Heating Coil, Cooling Coil & Mixing Box	EA	\$11,174.90	\$761,875.00	\$0.00	\$773,049.90
111237	[Modifier] Custom Air Handling Unit (AHU) - Add Heat or Energy Recovery Heat recovery rotary wheel, flat plate heat exchanger or heat pipe technologies.	CFM	\$0.36	\$3.66	\$0.00	\$4.02
111238	[Modifier] Custom Air Handling Unit (AHU) - Remove Return or Exhaust Fan	CFM	\$0.30	\$1.46	\$0.00	\$1.76
111239	[Modifier] Custom Air Handling Unit (AHU) - Add or Remove Coil Heating, Cooling, Heat Recovery or Humidification	CFM	\$0.24	\$1.10	\$0.00	\$1.34
111240	[Modifier] Custom Air Handling Unit (AHU) - Add 6' Wide Service Corridor	CFM	\$0.18	\$5.79	\$0.00	\$5.97
111241	[Modifier] Custom Air Handling Unit (AHU) - Add Knocked-Down Assembly / Installation	CFM	\$1.07	\$0.00	\$0.00	\$1.07
23-73-39 Direct Gas-Fired Heating and Ventilating Units						
<i>Factory assembled, prewired, self-contained unit consisting of cabinet, supply fan, filters and gas furnace.</i>						
111242	500 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$794.66	\$3,199.88	\$0.00	\$3,994.54
111243	1,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$794.66	\$5,485.50	\$0.00	\$6,280.16

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		Units	Labor	Material	Equipment	Total
111244	1,500 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,191.99	\$8,228.25	\$0.00	\$9,420.24
111245	2,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,191.99	\$10,361.50	\$0.00	\$11,553.49
111246	2,500 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$12,951.88	\$0.00	\$14,541.20
111247	3,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$15,542.25	\$0.00	\$17,131.57
111248	3,500 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$17,066.00	\$0.00	\$18,655.32
111249	4,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$19,504.00	\$0.00	\$21,093.32
111250	4,500 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$21,942.00	\$0.00	\$23,531.32
111251	5,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$22,856.25	\$0.00	\$24,445.57
111252	6,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,589.32	\$27,427.50	\$0.00	\$29,016.82
111253	8,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$36,570.00	\$0.00	\$38,556.65
111254	10,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$45,712.50	\$0.00	\$47,699.15
111255	12,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$54,855.00	\$0.00	\$56,841.65
111256	14,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$63,997.50	\$0.00	\$65,984.15
111257	16,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$73,140.00	\$0.00	\$75,126.65
111258	18,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$82,282.50	\$0.00	\$84,269.15
111259	20,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$91,425.00	\$0.00	\$93,411.65
111260	22,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$100,567.50	\$0.00	\$102,554.15

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		Units	Labor	Material	Equipment	Total
111261	24,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$109,710.00	\$0.00	\$111,696.65
111262	26,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$118,852.50	\$0.00	\$120,839.15
111263	28,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$1,986.65	\$127,995.00	\$0.00	\$129,981.65
111264	30,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,383.97	\$137,137.50	\$0.00	\$139,521.47
111265	32,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,383.97	\$146,280.00	\$0.00	\$148,663.97
111266	34,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,383.97	\$155,422.50	\$0.00	\$157,806.47
111267	36,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,383.97	\$164,565.00	\$0.00	\$166,948.97
111268	38,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,383.97	\$173,707.50	\$0.00	\$176,091.47
111269	40,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,383.97	\$182,850.00	\$0.00	\$185,233.97
111270	42,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,979.97	\$191,992.50	\$0.00	\$194,972.47
111271	44,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,979.97	\$201,135.00	\$0.00	\$204,114.97
111272	46,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,979.97	\$210,277.50	\$0.00	\$213,257.47
111273	48,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,979.97	\$219,420.00	\$0.00	\$222,399.97
111274	50,000 CFM Heating & Ventilating Make-Up Air Unit (HV/MAU) Gas Fired	EA	\$2,979.97	\$228,562.50	\$0.00	\$231,542.47

23-74-13 Packaged, Outdoor, Central-Station Air-Handling Units

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
111275	1 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$931.25	\$5,724.73	\$0.00	\$6,655.98
111276	2 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$931.25	\$10,005.06	\$0.00	\$10,936.31
111277	3 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$931.25	\$12,823.39	\$0.00	\$13,754.64
111278	4 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$931.25	\$14,179.71	\$0.00	\$15,110.96
111279	5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$15,588.88	\$0.00	\$17,178.20
111280	7.5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$21,260.76	\$0.00	\$22,850.08

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		Units	Labor	Material	Equipment	Total
111281	10 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$25,805.32	\$0.00	\$27,394.64
111282	12.5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$29,116.85	\$0.00	\$30,706.17
111283	15 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$33,027.28	\$0.00	\$34,616.60
111284	20 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$44,036.38	\$0.00	\$46,023.03
111285	25 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$55,045.47	\$0.00	\$57,032.12
111286	30 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$66,054.56	\$0.00	\$68,041.21

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		Units	Labor	Material	Equipment	Total
111287	35 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$77,063.66	\$0.00	\$79,050.31
111288	40 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$78,913.18	\$0.00	\$80,899.83
111289	45 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$88,777.33	\$0.00	\$90,763.98
111290	50 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$98,641.48	\$0.00	\$100,628.13
111291	55 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$105,599.23	\$0.00	\$107,585.88
111292	60 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$112,028.54	\$0.00	\$114,412.51

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		Units	Labor	Material	Equipment	Total
111293	65 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$114,494.58	\$0.00	\$116,878.55
111294	70 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$123,301.85	\$0.00	\$125,685.82
111295	75 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$132,109.12	\$0.00	\$134,493.09
111296	80 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$140,916.40	\$0.00	\$143,300.37
111297	85 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$149,723.68	\$0.00	\$152,703.65
111298	90 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$158,530.95	\$0.00	\$161,510.92

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		Units	Labor	Material	Equipment	Total
111299	95 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$167,338.22	\$0.00	\$170,318.19
111300	100 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU)- Light Commercial Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$176,145.50	\$0.00	\$179,125.47
111301	1 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$9,151.64	\$0.00	\$10,740.96
111302	2 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$15,994.26	\$0.00	\$17,583.58
111303	3 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$20,499.68	\$0.00	\$22,089.00
111304	4 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$22,667.91	\$0.00	\$24,257.23

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		Units	Labor	Material	Equipment	Total
111305	5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$24,920.63	\$0.00	\$26,509.95
111306	7.5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$33,987.79	\$0.00	\$35,577.11
111307	10 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$41,252.79	\$0.00	\$42,842.11
111308	12.5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$41,252.79	\$0.00	\$42,842.11
111309	15 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$52,797.94	\$0.00	\$54,387.26
111310	20 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$70,397.25	\$0.00	\$72,383.90

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		Units	Labor	Material	Equipment	Total
111311	25 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$87,996.56	\$0.00	\$89,983.21
111312	30 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$105,595.88	\$0.00	\$107,582.53
111313	35 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$123,195.19	\$0.00	\$125,181.84
111314	40 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$126,151.87	\$0.00	\$128,138.52
111315	45 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$141,920.86	\$0.00	\$143,907.51
111316	50 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$157,689.84	\$0.00	\$159,676.49

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		Units	Labor	Material	Equipment	Total
111317	55 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$173,458.82	\$0.00	\$175,445.47
111318	60 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$168,953.40	\$0.00	\$171,337.37
111319	65 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$183,032.85	\$0.00	\$185,416.82
111320	70 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$197,112.30	\$0.00	\$199,496.27
111321	75 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$211,191.75	\$0.00	\$213,575.72
111322	80 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$225,271.20	\$0.00	\$227,655.17

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		Units	Labor	Material	Equipment	Total
111323	85 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$239,350.65	\$0.00	\$242,330.62
111324	90 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$253,430.10	\$0.00	\$256,410.07
111325	95 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$267,509.55	\$0.00	\$270,489.52
111326	100 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Modular Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$281,589.00	\$0.00	\$284,568.97
111327	1 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$13,271.86	\$0.00	\$14,861.18
111328	2 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$23,195.13	\$0.00	\$24,784.45

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		Units	Labor	Material	Equipment	Total
111329	3 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$29,728.97	\$0.00	\$31,318.29
111330	4 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$32,873.38	\$0.00	\$34,462.70
111331	5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$36,140.30	\$0.00	\$37,729.62
111332	7.5 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$49,289.66	\$0.00	\$50,878.98
111333	10 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$59,825.47	\$0.00	\$61,414.79
111334	10 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$59,825.47	\$0.00	\$61,414.79

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		Units	Labor	Material	Equipment	Total
111335	15 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,589.32	\$76,568.44	\$0.00	\$78,157.76
111336	20 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$102,091.25	\$0.00	\$104,077.90
111337	25 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$127,614.06	\$0.00	\$129,600.71
111338	30 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$153,136.88	\$0.00	\$155,123.53
111339	35 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$178,659.69	\$0.00	\$180,646.34
111340	40 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$182,947.52	\$0.00	\$184,934.17

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		Units	Labor	Material	Equipment	Total
111341	45 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$205,815.96	\$0.00	\$207,802.61
111342	50 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$228,684.40	\$0.00	\$230,671.05
111343	55 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$1,986.65	\$251,552.84	\$0.00	\$253,539.49
111344	60 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$245,019.00	\$0.00	\$247,402.97
111345	65 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$265,437.25	\$0.00	\$267,821.22
111346	70 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$285,855.50	\$0.00	\$288,239.47

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		Units	Labor	Material	Equipment	Total
111347	75 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$306,273.75	\$0.00	\$308,657.72
111348	80 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,383.97	\$326,692.00	\$0.00	\$329,075.97
111349	85 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$347,110.25	\$0.00	\$350,090.22
111350	90 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$367,528.50	\$0.00	\$370,508.47
111351	95 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$387,946.75	\$0.00	\$390,926.72
111352	100 Ton Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Semi-Custom Includes Supply Fan, Return Or Exhaust Fan, Compressor, Condenser, Dx Cooling Coil, Hot Water Heating Coil, Roof Curb, Standard Factory Controls & Control Panel	EA	\$2,979.97	\$408,365.00	\$0.00	\$411,344.97
111353	[Modifier] Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Add Seismic / Vibration Isolation Roof Curb	TON	\$6.62	\$91.42	\$0.00	\$98.04

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		Units	Labor	Material	Equipment	Total
111354	[Modifier] Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Add Heat Pump	TON	\$0.00	\$243.80	\$0.00	\$243.80
111355	[Modifier] Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Add Gas Fired or Electric Heating	TON	\$0.00	\$536.36	\$0.00	\$536.36
111356	[Modifier] Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Add Remote Condensing Unit	TON	\$35.76	\$646.07	\$0.00	\$681.83
111357	[Modifier] Packaged DX Rooftop Air Handling Unit (RTU/AHU) - Add Heat or Energy Recovery	TON	\$9.94	\$780.16	\$0.00	\$790.10
23-74-49	Air Handling Unit Coil Hook-Ups					
111358	Gas-Fired Furnace Natural Gas Hook-Up	EA	\$190.38	\$138.97	\$0.00	\$329.35
111359	2 1/2" CS Energy Recovery Coil Hook-Up	EA	\$3,562.45	\$1,623.71	\$0.00	\$5,186.16
111360	4" CS Energy Recovery Coil Hook-Up	EA	\$5,106.72	\$2,293.49	\$0.00	\$7,400.21
111361	6" CS Energy Recovery Coil Hook-Up	EA	\$6,291.48	\$3,666.87	\$0.00	\$9,958.35
111362	2" & Dn Air Handling Unit (AHU) Chilled Water Coil Hook-Up	EA	\$1,103.05	\$1,019.08	\$0.00	\$2,122.13
111363	2 1/2" Air Handling Unit (AHU) Chilled Water Coil Hook-Up	EA	\$4,412.20	\$3,157.21	\$0.00	\$7,569.41
111364	4" Air Handling Unit (AHU) Chilled Water Coil Hook-Up	EA	\$6,373.18	\$4,132.41	\$0.00	\$10,505.59
111365	6" Air Handling Unit (AHU) Chilled Water Coil Hook-Up	EA	\$7,843.92	\$6,606.98	\$0.00	\$14,450.90
111366	2" & Dn Air Handling Unit (AHU) Chilled Water Coil Hook-Up- Two High	EA	\$1,225.61	\$1,484.74	\$0.00	\$2,710.35
111367	2 1/2" Air Handling Unit (AHU) Chilled Water Coil Hook-Up- Two High	EA	\$4,820.74	\$4,936.95	\$0.00	\$9,757.69
111368	4" Air Handling Unit (AHU) Chilled Water Coil Hook-Up- Two High	EA	\$7,190.26	\$7,630.94	\$0.00	\$14,821.20
111369	6" Air Handling Unit (AHU) Chilled Water Coil Hook-Up- Two High	EA	\$8,906.12	\$10,532.16	\$0.00	\$19,438.28
111370	4" Air Handling Unit (AHU) Chilled Water Coil Hook-Up- Three High	EA	\$10,050.02	\$10,683.32	\$0.00	\$20,733.34
111371	6" Air Handling Unit (AHU) Chilled Water Coil Hook-Up- Three High	EA	\$12,419.54	\$14,745.02	\$0.00	\$27,164.56
111372	Air Handling Unit (AHU) DX Cooling Coil Hook-Up - 2-Pipe	EA	\$1,379.22	\$1,043.46	\$0.00	\$2,422.68
111373	Air Handling Unit (AHU) DX Cooling Coil Hook-Up - 4-Pipe	EA	\$2,757.63	\$2,088.15	\$0.00	\$4,845.78
111374	2" & Dn Air Handling Unit (AHU) Hot Water Coil Hook-Up	EA	\$1,103.05	\$1,019.08	\$0.00	\$2,122.13
111375	2 1/2" Air Handling Unit (AHU) Hot Water Coil Hook-Up	EA	\$4,412.20	\$3,157.21	\$0.00	\$7,569.41
111376	4" Air Handling Unit (AHU) Hot Water Coil Hook-Up	EA	\$6,373.18	\$4,132.41	\$0.00	\$10,505.59
111377	6" Air Handling Unit (AHU) Hot Water Coil Hook-Up	EA	\$7,843.92	\$6,606.98	\$0.00	\$14,450.90

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		Units	Labor	Material	Equipment	Total
111378	2" & Dn Air Handling Unit (AHU) Hot Water Coil Hook-Up- Two High	EA	\$1,225.61	\$1,484.74	\$0.00	\$2,710.35
111379	2 1/2" Air Handling Unit (AHU) Hot Water Coil Hook-Up- Two High	EA	\$4,820.74	\$4,936.95	\$0.00	\$9,757.69
111380	4" Air Handling Unit (AHU) Hot Water Coil Hook-Up- Two High	EA	\$7,190.26	\$7,630.94	\$0.00	\$14,821.20
111381	6" Air Handling Unit (AHU) Hot Water Coil Hook-Up- Two High	EA	\$8,906.12	\$10,532.16	\$0.00	\$19,438.28
111382	2" & Dn Air Handling Unit (AHU) Natural Gas Hook-Up Based On 1-1/2"	EA	\$759.87	\$558.30	\$0.00	\$1,318.17
111383	2-1/2" To 4" Air Handling Unit (AHU) Natural Gas Hook-Up	EA	\$1,631.70	\$1,200.72	\$0.00	\$2,832.42
111384	1" & Dn Air Handling Unit (AHU) Steam Humidifier Hook-Up	EA	\$738.63	\$524.29	\$0.00	\$1,262.92
111385	1-1/4" To 2" Air Handling Unit (AHU) Steam Humidifier Hook-Up	EA	\$1,259.93	\$895.72	\$0.00	\$2,155.65
111386	2-1/2" Air Handling Unit (AHU) Steam Humidifier Hook-Up	EA	\$1,713.41	\$2,121.61	\$0.00	\$3,835.02
111387	2" & Dn Air Handling Unit (AHU) Steam Coil Hook-Up	EA	\$2,452.86	\$1,776.61	\$0.00	\$4,229.47
111388	2-1/2" Air Handling Unit (AHU) Steam Coil Hook-Up	EA	\$4,502.91	\$4,529.55	\$0.00	\$9,032.46
111389	3" Air Handling Unit (AHU) Steam Coil Hook-Up	EA	\$5,069.13	\$5,473.87	\$0.00	\$10,543.00

23-80-00 Decentralized HVAC Equipment

- Terminal Unit costs exclude balancing, temperature controls, electrical, ductwork, and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Terminal Unit Hook-Ups (connections) include all required pipe, fittings, valves, and specialties within 5 LF of the point of connection for proper operation. Reference contract documents and applicable codes and standards for details.

23-81-00 Decentralized Unitary HVAC Equipment

23-81-19 Self-Contained Air-Conditioners

Factory assembled and tested, self-contained, packaged terminal air conditioner with room cabinet, electric refrigeration system. Fully charged with refrigerant and filled with oil.

111390	Portable/Window Air Conditioner (AC) - 6,000 Btu	EA	\$108.68	\$362.04	\$0.00	\$470.72
111391	Portable/Window Air Conditioner (AC) - 12,000 Btu	EA	\$163.42	\$650.95	\$0.00	\$814.37
111392	Thru-Wall Air Conditioner (AC) - 6,000 Btu	EA	\$286.80	\$1,036.15	\$0.00	\$1,322.95
111393	Thru-Wall Air Conditioner (AC) - 12,000 Btu	EA	\$371.77	\$1,347.00	\$0.00	\$1,718.77
111394	Packaged Terminal Air Conditioner (PTAC) - Thru-Wall W/Electric Heat	EA	\$588.29	\$1,670.03	\$0.00	\$2,258.32
111395	Packaged Terminal Air Conditioner (PTAC) - Thru-Wall W/Hot Water Coil	EA	\$588.29	\$3,260.82	\$0.00	\$3,849.11
111396	Packaged Terminal Air Conditioner (PTAC) - Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76

23-81-23 Computer-Room Air-Conditioners

Packaged factory assembled, prewired, prepiped; consisting of cabinet, fans, filters and humidifier.

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		Units	Labor	Material	Equipment	Total
111397	3 Ton Computer Room Air Conditioner (AC) - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$1,699.52	\$25,568.52	\$0.00	\$27,268.04
111398	5 Ton Computer Room Air Conditioner (AC) - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$1,699.52	\$32,669.20	\$0.00	\$34,368.72
111399	10 Ton Computer Room Air Conditioner (AC) - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$1,960.98	\$50,637.26	\$0.00	\$52,598.24
111400	15 Ton Computer Room Air Conditioner (AC) - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$1,960.98	\$58,969.12	\$0.00	\$60,930.10
111401	20 Ton Computer Room Air Conditioner (AC) - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$1,960.98	\$74,322.43	\$0.00	\$76,283.41
111402	30 Ton Computer Room Air Conditioner (AC) - Air Cooled Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$3,399.03	\$88,206.84	\$0.00	\$91,605.87
111403	Computer Room Air Conditioner (AC) - Refrigerant Hook-Up- 1" & Dn Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$478.80	\$323.83	\$0.00	\$802.63
111404	Computer Room Air Conditioner (AC) - Refrigerant Hook-Up- 1-1/4" To 2" Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$996.83	\$1,079.55	\$0.00	\$2,076.38
111405	1-1/2 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$588.29	\$5,485.50	\$0.00	\$6,073.79
111406	3 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$588.29	\$14,262.30	\$0.00	\$14,850.59
111407	5 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$784.39	\$17,431.70	\$0.00	\$18,216.09
111408	10 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$784.39	\$21,551.92	\$0.00	\$22,336.31
111409	15 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$980.49	\$22,978.15	\$0.00	\$23,958.64
111410	20 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$1,176.59	\$24,879.79	\$0.00	\$26,056.38
111411	30 Ton Computer Room Air Conditioner (AC) - Chilled Water Cooled	EA	\$1,568.78	\$28,524.60	\$0.00	\$30,093.38
111412	Computer Room Air Conditioner (AC) - Chilled Water Coil Hook-Up- 2-1/2"	EA	\$4,412.20	\$3,157.21	\$0.00	\$7,569.41

23-81-26 Split-System Air-Conditioners

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
<i>Includes indoor console unit and outdoor packaged condensing unit.</i>						
111413	1 Ton Split System Air Conditioner (AC) - General Cooling Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$3,352.25	\$0.00	\$4,267.37
111414	2 Ton Split System Air Conditioner (AC) - General Cooling Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$4,296.98	\$0.00	\$5,212.10
111415	3 Ton Split System Air Conditioner (AC) - General Cooling Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$6,338.80	\$0.00	\$7,253.92
111416	5 Ton Split System Air Conditioner (AC) - General Cooling Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$8,587.86	\$0.00	\$9,502.98
111417	1 Ton Split System Air Conditioner (AC) - Precision Cooling w/ Humidity Control Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$6,229.09	\$0.00	\$7,144.21
111418	2 Ton Split System Air Conditioner (AC) - Precision Cooling w/ Humidity Control Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$8,441.58	\$0.00	\$9,356.70
111419	3 Ton Split System Air Conditioner (AC) - Precision Cooling w/ Humidity Control Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$915.12	\$10,879.58	\$0.00	\$11,794.70
111420	Split System Air Conditioner (AC) Refrigerant Hook-Up- 1" & Dn Includes Both Indoor AC Unit and Outdoor Condenser	EA	\$478.80	\$323.83	\$0.00	\$802.63
23-81-29	Variable Refrigerant Flow HVAC Systems					
111421	6 Ton Variable Refrigerant Flow (VRF) Condenser	EA	\$522.93	\$17,706.35	\$0.00	\$18,229.28
111422	8 Ton Variable Refrigerant Flow (VRF) Condenser	EA	\$522.93	\$19,071.72	\$0.00	\$19,594.65
111423	10 Ton Variable Refrigerant Flow (VRF) Condenser	EA	\$784.39	\$21,497.89	\$0.00	\$22,282.28
111424	12 Ton Variable Refrigerant Flow (VRF) Condenser	EA	\$784.39	\$26,171.28	\$0.00	\$26,955.67
111425	14 Ton Variable Refrigerant Flow (VRF) Condenser (2 Units)	EA	\$784.39	\$38,713.53	\$0.00	\$39,497.92
111426	16 Ton Variable Refrigerant Flow (VRF) Condenser (2 Units)	EA	\$784.39	\$41,387.95	\$0.00	\$42,172.34
111427	18 Ton Variable Refrigerant Flow (VRF) Condenser (2 Units)	EA	\$784.39	\$42,896.20	\$0.00	\$43,680.59
111428	20 Ton Variable Refrigerant Flow (VRF) Condenser (2 Units)	EA	\$784.39	\$45,570.63	\$0.00	\$46,355.02
111429	22 Ton Variable Refrigerant Flow (VRF) Condenser (2 Units)	EA	\$784.39	\$50,759.28	\$0.00	\$51,543.67

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		Units	Labor	Material	Equipment	Total
111430	24 Ton Variable Refrigerant Flow (VRF) Condenser (2 Units)	EA	\$1,045.86	\$55,893.08	\$0.00	\$56,938.94
111431	26 Ton Variable Refrigerant Flow (VRF) Condenser (3 Units)	EA	\$1,045.86	\$62,092.03	\$0.00	\$63,137.89
111432	28 Ton Variable Refrigerant Flow (VRF) Condenser (3 Units)	EA	\$1,045.86	\$63,600.28	\$0.00	\$64,646.14
111433	30 Ton Variable Refrigerant Flow (VRF) Condenser (3 Units)	EA	\$1,045.86	\$68,732.64	\$0.00	\$69,778.50
111434	Variable Refrigerant Flow (VRF) Condenser Hook-Up- 1" & Dn	EA	\$478.80	\$479.26	\$0.00	\$958.06
111435	Variable Refrigerant Flow (VRF) Condenser Hook-Up- 1-1/4" To 2"	EA	\$756.61	\$1,685.32	\$0.00	\$2,441.93
111436	Variable Refrigerant Flow (VRF) Simultaneous Heating & Cooling Controller- 6 Branches	EA	\$392.20	\$8,989.93	\$0.00	\$9,382.13
111437	Variable Refrigerant Flow (VRF) Simultaneous Heating & Cooling Controller- 13 Branches	EA	\$392.20	\$12,740.70	\$0.00	\$13,132.90
111438	1 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ceiling Cassette	EA	\$392.20	\$2,954.43	\$0.00	\$3,346.63
111439	2 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ceiling Cassette	EA	\$392.20	\$3,462.47	\$0.00	\$3,854.67
111440	3 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ceiling Cassette	EA	\$392.20	\$4,562.25	\$0.00	\$4,954.45
111441	1 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Wall Mounted	EA	\$392.20	\$1,974.43	\$0.00	\$2,366.63
111442	2 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Wall Mounted	EA	\$392.20	\$2,296.28	\$0.00	\$2,688.48
111443	3 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Wall Mounted	EA	\$392.20	\$2,776.91	\$0.00	\$3,169.11
111444	1 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ducted	EA	\$392.20	\$2,885.15	\$0.00	\$3,277.35
111445	2 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ducted	EA	\$392.20	\$3,401.85	\$0.00	\$3,794.05
111446	3 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ducted	EA	\$392.20	\$4,145.15	\$0.00	\$4,537.35
111447	4.5 Ton Variable Refrigerant Flow (VRF) Indoor Unit- Ducted	EA	\$392.20	\$4,910.10	\$0.00	\$5,302.30
111448	Variable Refrigerant Flow (VRF) Indoor Unit Hook-Up- 1" & Dn	EA	\$302.31	\$541.24	\$0.00	\$843.55
23-81-46 Water-Source Unitary Heat Pumps						
<i>Packaged water-source heat pump, factory assembled and tested.</i>						
111449	1-1/2 Ton Heat Pump - Water Source	EA	\$424.88	\$3,352.25	\$0.00	\$3,777.13
111450	3 Ton Heat Pump - Water Source	EA	\$522.93	\$4,510.30	\$0.00	\$5,033.23
111451	5 Ton Heat Pump - Water Source	EA	\$751.71	\$5,607.40	\$0.00	\$6,359.11
111452	1-1/2 Ton Heat Pump - Packaged Air Source Thru-Wall	EA	\$424.88	\$7,746.74	\$0.00	\$8,171.62
111453	3 Ton Heat Pump - Packaged Air Source Thru-Wall	EA	\$522.93	\$9,715.43	\$0.00	\$10,238.36
111454	5 Ton Heat Pump - Packaged Air Source Thru-Wall	EA	\$751.71	\$12,391.14	\$0.00	\$13,142.85
111455	Heat Pump Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76

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		Units	Labor	Material	Equipment	Total
111456	Heat Pump Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
23-82-00 Convection Heating and Cooling Units						
23-82-13 Valance Heating and Cooling Units						
111457	Radiant Ceiling Panel- 12" Wide	LF	\$42.49	\$49.54	\$0.00	\$92.03
111458	Radiant Ceiling Panel- 24" Wide	LF	\$49.02	\$65.02	\$0.00	\$114.04
111459	Radiant Ceiling Panel Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111460	Radiant Ceiling Panel Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111461	Electric Radiant Ceiling Panel- 2' X 2'	EA	\$183.02	\$216.07	\$0.00	\$399.09
111462	Electric Radiant Ceiling Panel- 2' X 4'	EA	\$163.42	\$450.19	\$0.00	\$613.61
111463	2-Pipe Valance System	LF	\$18.39	\$162.55	\$0.00	\$180.94
111464	4-Pipe Valance System	LF	\$22.97	\$185.78	\$0.00	\$208.75
111465	Valance System Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111466	Valance System Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111467	Valance System Chilled Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111468	Valance System Chilled Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
23-82-19 Fan Coil Units						
111469	2-Pipe Fan Coil Unit (FCU) - 500 CFM	EA	\$269.64	\$3,574.11	\$0.00	\$3,843.75
111470	2-Pipe Fan Coil Unit (FCU) - 1,000 CFM	EA	\$326.83	\$4,434.72	\$0.00	\$4,761.55
111471	2-Pipe Fan Coil Unit (FCU) - 1,500 CFM	EA	\$326.83	\$4,718.75	\$0.00	\$5,045.58
111472	2-Pipe Fan Coil Unit (FCU) - 2,000 CFM	EA	\$588.29	\$5,300.21	\$0.00	\$5,888.50
111473	2-Pipe Fan Coil Unit (FCU) - 3,000 CFM	EA	\$588.29	\$6,164.48	\$0.00	\$6,752.77
111474	4-Pipe Fan Coil Unit (FCU) - 500 CFM	EA	\$269.64	\$4,641.95	\$0.00	\$4,911.59
111475	4-Pipe Fan Coil Unit (FCU) - 1,000 CFM	EA	\$326.83	\$5,763.43	\$0.00	\$6,090.26
111476	4-Pipe Fan Coil Unit (FCU) - 1,500 CFM	EA	\$326.83	\$6,129.13	\$0.00	\$6,455.96
111477	4-Pipe Fan Coil Unit (FCU) - 2,000 CFM	EA	\$490.24	\$6,884.91	\$0.00	\$7,375.15
111478	4-Pipe Fan Coil Unit (FCU) - 3,000 CFM	EA	\$490.24	\$8,006.39	\$0.00	\$8,496.63
111479	Fan Coil Unit (FCU) Hot Water Hook-Up - 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111480	Fan Coil Unit (FCU) Hot Water Hook-Up - 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111481	Fan Coil Unit (FCU) Chilled Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111482	Fan Coil Unit (FCU) Chilled Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
23-82-23 Unit Ventilators						
<i>Factory packaged and tested units including finished cabinet, filter, coils, drain pan, supply-air fan and motor.</i>						
111483	Unit Ventilator 2-Pipe	EA	\$686.34	\$4,815.05	\$0.00	\$5,501.39
111484	Unit Ventilator 4-Pipe	EA	\$686.34	\$5,455.02	\$0.00	\$6,141.36
111485	Unit Ventilator W/DX Cooling & Condensing Unit	EA	\$1,372.69	\$15,725.10	\$0.00	\$17,097.79

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		Units	Labor	Material	Equipment	Total
111486	Unit Ventilator CW Coil	EA	\$980.49	\$1,523.75	\$0.00	\$2,504.24
111487	Unit Ventilator Shelving	LF	\$40.85	\$156.03	\$0.00	\$196.88
111488	Unit Ventilator Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111489	Unit Ventilator Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111490	Unit Ventilator Chilled Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111491	Unit Ventilator Chilled Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111492	Unit Ventilator Refrigerant Hook-Up	EA	\$478.80	\$323.83	\$0.00	\$802.63
23-82-33 Convectors						
111493	Convector- 5 MBH Hot Water, Steam Or Electric.	EA	\$306.41	\$850.86	\$0.00	\$1,157.27
111494	Convector- 10 MBH Hot Water, Steam Or Electric.	EA	\$306.41	\$1,292.14	\$0.00	\$1,598.55
111495	Convector Cover	EA	\$122.57	\$425.74	\$0.00	\$548.31
111496	Convector Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111497	Convector Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111498	Convector Steam Hook-Up- 1" & Dn	EA	\$620.16	\$895.96	\$0.00	\$1,516.12
23-82-36 Finned-Tube Radiation Heaters						
111499	Finned Tube Radiation- Bare Bare Element Only.	LF	\$31.37	\$30.58	\$0.00	\$61.95
111500	Finned Tube Radiation- 1 Tier W/Enclosure Includes Element & Enclosure.	LF	\$39.22	\$59.22	\$0.00	\$98.44
111501	Finned Tube Radiation- 2 Tier W/Enclosure Includes Element & Enclosure.	LF	\$53.60	\$98.89	\$0.00	\$152.49
111502	Runtal Radiation- 2 Tier	LF	\$63.40	\$132.37	\$0.00	\$195.77
111503	Runtal Radiation- 4 Tier	LF	\$86.61	\$198.16	\$0.00	\$284.77
111504	Baseboard Radiation- Electric Includes Element & Enclosure.	LF	\$32.68	\$42.06	\$0.00	\$74.74
111505	Finned Tube Radiation- Enclosure Only	LF	\$16.34	\$28.31	\$0.00	\$44.65
111506	Finned Tube Radiation Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111507	Finned Tube Radiation Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111508	Finned Tube Radiation Steam Hook-Up- 1" & Dn	EA	\$620.16	\$895.96	\$0.00	\$1,516.12
23-82-39 Unit Heaters						
111509	Unit Heater- Hot Water, Steam or Gas (Under 75 MBH)	EA	\$245.12	\$1,599.33	\$0.00	\$1,844.45
111510	Unit Heater- Hot Water, Steam or Gas (75 to 174 MBH)	EA	\$245.12	\$2,278.31	\$0.00	\$2,523.43
111511	Unit Heater- Hot Water, Steam or Gas (175 MBH & Up)	EA	\$245.12	\$4,417.66	\$0.00	\$4,662.78
111512	Unit Heater- Electric (15 kW & Down)	EA	\$245.12	\$2,568.43	\$0.00	\$2,813.55
111513	Unit Heater- Electric (Over 15 kW)	EA	\$245.12	\$5,967.00	\$0.00	\$6,212.12
111514	Cabinet Unit Heater- Up To 50 MBH Hot Water, Steam Or Electric.	EA	\$490.24	\$2,581.84	\$0.00	\$3,072.08

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		Units	Labor	Material	Equipment	Total
111515	Cabinet Unit Heater- 50 MBH & Up Hot Water, Steam Or Electric.	EA	\$490.24	\$3,795.97	\$0.00	\$4,286.21
111516	Unit Heater Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111517	Unit Heater Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111518	Unit Heater Steam Hook-Up- 1" & Dn	EA	\$620.16	\$895.96	\$0.00	\$1,516.12
111519	Unit Heater Natural Gas Hook-Up- 1" & Dn Based On 3/4"	EA	\$519.66	\$382.77	\$0.00	\$902.43
23-83-16 Radiant Heating and Cooling Hydronic Piping						
111520	Radiant Floor Heat	SF	\$6.53	\$10.12	\$0.00	\$16.65
111521	Radiant Floor Heat Manifold	EA	\$490.24	\$1,154.39	\$0.00	\$1,644.63
111522	Radiant Floor Heat Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111523	Radiant Floor Heat Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
23-83-00 Radiant Heating and Cooling Units						
23-83-93 Miscellaneous Terminal Units						
111524	Air Curtain- 48" Hot Water, Steam Or Electric.	EA	\$1,045.86	\$2,608.66	\$0.00	\$3,654.52
111525	Air Curtain- 72" Hot Water, Steam Or Electric.	EA	\$1,045.86	\$3,802.06	\$0.00	\$4,847.92
111526	Air Curtain- 96" Hot Water, Steam Or Electric.	EA	\$1,045.86	\$5,091.76	\$0.00	\$6,137.62
111527	Air Curtain Hot Water Hook-Up- 1" & Dn	EA	\$486.98	\$214.78	\$0.00	\$701.76
111528	Air Curtain Hot Water Hook-Up- 1-1/4" to 2"	EA	\$654.48	\$650.95	\$0.00	\$1,305.43
111529	30' Gas Fired Infrared Unit Detroit Radiant HI-30 Series, 2-Stage, 30', 75 Or 100 Mbh. Includes 2-Stage Tstat, 90 Degree Deflector, Hanging Chain, Roof Vent Kit And 2-Piece 18" B Vent.	EA	\$392.20	\$3,793.53	\$0.00	\$4,185.73
111530	60' Gas Fired Infrared Unit Detroit Radiant HI-60 Series, 2-Stage, 60', 150 Mbh. Includes 2-Stage Tstat, 90 Degree Deflector, Hanging Chain, Roof Vent Kit And 2-Piece 18" B Vent.	EA	\$784.39	\$5,402.61	\$0.00	\$6,187.00
111531	Gas Fired Infrared Unit- 30 MBH Reznor Rihn 30	EA	\$294.15	\$770.41	\$0.00	\$1,064.56
111532	[Modifier] Terminal Unit Coil Coating - Single Coil Factory Applied	EA	\$0.00	\$1,523.75	\$0.00	\$1,523.75
111533	[Modifier] Terminal Unit Coil Coating - Single Coil Field Applied	EA	\$294.15	\$1,523.75	\$0.00	\$1,817.90
111534	[Modifier] Terminal Unit Coil Coating - Double Coil Factory Applied	EA	\$0.00	\$2,255.15	\$0.00	\$2,255.15
111535	[Modifier] Terminal Unit Coil Coating - Double Coil Field Applied	EA	\$392.20	\$2,255.15	\$0.00	\$2,647.35

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		Units	Labor	Material	Equipment	Total
23-84-00 Humidity Control Equipment						
23-83-93 Miscellaneous Terminal Units						
111536	Gas Fired Infrared Unit Hook-Up-1" & Dn	EA	\$317.84	\$235.51	\$0.00	\$553.35
23-84-13 Humidifiers						
111537	50 #/Hr Steam Humidifier Manifold	EA	\$196.10	\$4,083.65	\$0.00	\$4,279.75
111538	100 #/Hr Steam Humidifier Manifold	EA	\$196.10	\$7,350.57	\$0.00	\$7,546.67
111539	200 #/Hr Steam Humidifier Manifold	EA	\$196.10	\$11,434.22	\$0.00	\$11,630.32
111540	300 #/Hr Steam Humidifier Manifold	EA	\$196.10	\$11,842.58	\$0.00	\$12,038.68
111541	400 #/Hr Steam Humidifier Manifold	EA	\$294.15	\$12,250.95	\$0.00	\$12,545.10
111542	500 #/Hr Steam Humidifier Manifold	EA	\$294.15	\$15,313.69	\$0.00	\$15,607.84
111543	750 #/Hr Steam Humidifier Manifold	EA	\$294.15	\$13,786.40	\$0.00	\$14,080.55
111544	1,000 #/Hr Steam Humidifier Manifold	EA	\$294.15	\$18,376.42	\$0.00	\$18,670.57
111545	1" & Dn Steam Humidifier Hook-Up	EA	\$738.63	\$524.29	\$0.00	\$1,262.92
111546	1-1/4" To 2" Steam Humidifier Hook-Up	EA	\$1,259.93	\$895.72	\$0.00	\$2,155.65
111547	2-1/2" Steam Humidifier Hook-Up	EA	\$1,713.41	\$2,121.61	\$0.00	\$3,835.02
111548	25 #/Hr Electric Humidifier W/Manifold	EA	\$510.67	\$11,558.25	\$0.00	\$12,068.92
111549	50 #/Hr Electric Humidifier W/Manifold	EA	\$510.67	\$21,075.41	\$0.00	\$21,586.08
111550	100 #/Hr Electric Humidifier W/Manifold	EA	\$766.42	\$27,082.34	\$0.00	\$27,848.76
111551	150 #/Hr Electric Humidifier W/Manifold	EA	\$766.42	\$33,089.27	\$0.00	\$33,855.69
26-00-00 Electrical						
26-00-00 Electrical						
26-05-00 Common Work Results for Electrical						
26-05-05 Selective Demolition for Electrical						
111552	Remove Motor Control Center	EA	\$1,883.15	\$60.95	\$0.00	\$1,944.10
26-05-00 Common Work Results for Electrical						
26-05-00 Common Work Results for Electrical						
26-05-05 Selective Demolition for Electrical						
111553	Remove Light Fixture - LED	EA	\$39.24	\$0.00	\$0.00	\$39.24
111554	Remove Light Fixture - Fluorescent Includes Lamp, Ballast, and Recycle Costs	EA	\$124.59	\$0.00	\$0.00	\$124.59
111555	Remove Light Fixture - Pole Mounted	EA	\$627.72	\$0.00	\$0.00	\$627.72
111556	Remove Lighting Control Panel	EA	\$627.72	\$0.00	\$0.00	\$627.72
111557	Remove Wiring Device	EA	\$78.46	\$0.00	\$0.00	\$78.46
111558	Remove and Repull Fiber	LF	\$0.78	\$0.01	\$0.00	\$0.79
111559	Remove Auxiliary Fire Alarm Panel	EA	\$313.86	\$0.00	\$0.00	\$313.86
111560	Remove Inverter	EA	\$156.93	\$48.76	\$0.00	\$205.69

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		Units	Labor	Material	Equipment	Total
111561	Remove J-Box	EA	\$19.62	\$0.00	\$0.00	\$19.62
111562	Remove Conduit	LF	\$2.36	\$0.00	\$0.00	\$2.36
111563	Remove All Wire from Existing Conduit - 1-1/2" or Smaller Conduit to Remain in Place	LF	\$1.24	\$0.00	\$0.00	\$1.24
111564	Remove Feeder	LF	\$9.42	\$0.61	\$0.00	\$10.03
111565	Remove Ductbank	LF	\$19.62	\$30.48	\$0.00	\$50.10
111566	Remove Disconnect	EA	\$156.93	\$0.00	\$0.00	\$156.93
111567	Remove Switchboard Breaker	EA	\$313.86	\$59.73	\$0.00	\$373.59
111568	Remove Panelboard Distribution Panel	EA	\$1,255.43	\$59.73	\$0.00	\$1,315.16
111569	Remove Panelboard Breaker	EA	\$78.46	\$0.00	\$0.00	\$78.46
111570	Remove HVAC Cooling Tower Connection	EA	\$313.86	\$0.00	\$0.00	\$313.86
111571	Remove HVAC Chiller Connection	EA	\$313.86	\$0.00	\$0.00	\$313.86
111572	Remove HVAC Rooftop Unit (RTU) Connection	EA	\$627.72	\$0.00	\$0.00	\$627.72
111573	Remove HVAC Air Handling Unit (AHU) Connection	EA	\$1,255.43	\$0.00	\$0.00	\$1,255.43
111574	Remove HVAC Fan Coil Unit Connection	EA	\$313.86	\$0.00	\$0.00	\$313.86
111575	Remove HVAC Condensing Unit Connection	EA	\$313.86	\$0.00	\$0.00	\$313.86
111576	Remove HVAC Pump Connection	EA	\$156.93	\$0.00	\$0.00	\$156.93
111577	Remove HVAC Exhaust Fan Connection	EA	\$39.24	\$0.00	\$0.00	\$39.24
111578	Remove HVAC Compressor Connection	EA	\$627.72	\$0.00	\$0.00	\$627.72
111579	Remove Fire Protection Fire Pump Connection	EA	\$1,255.43	\$6,095.00	\$0.00	\$7,350.43
111580	Remove Variable Frequency Drive (VFD)	EA	\$627.72	\$60.95	\$0.00	\$688.67
111581	Remove Low-Voltage Transformer	EA	\$941.57	\$73.14	\$0.00	\$1,014.71
111582	Remove Low-Voltage Switchgear	EA	\$3,766.30	\$2,010.13	\$0.00	\$5,776.43
111583	Remove Low-Voltage Manhole	EA	\$2,510.86	\$1,243.38	\$0.00	\$3,754.24
111584	Remove Low-Voltage Cable	LF	\$0.08	\$0.12	\$0.00	\$0.20
111585	Remove Medium-Voltage Transformer	EA	\$4,707.87	\$6,095.00	\$0.00	\$10,802.87
111586	Remove Medium-Voltage Switchgear	EA	\$7,846.45	\$5,667.13	\$0.00	\$13,513.58
111587	Remove Medium-Voltage Transformer Tapes	EA	\$1,255.43	\$121.90	\$0.00	\$1,377.33
111588	Remove Medium-Voltage Manhole	EA	\$9,415.74	\$18,309.38	\$0.00	\$27,725.12
111589	Remove Medium-Voltage Pole	EA	\$1,883.15	\$243.80	\$0.00	\$2,126.95
111590	Remove Medium-Voltage Overhead Cable	LF	\$7.06	\$6.10	\$0.00	\$13.16
111591	Remove Medium-Voltage Handhole	EA	\$627.72	\$609.50	\$0.00	\$1,237.22
111592	Remove Surveillance Camera	EA	\$27.46	\$0.00	\$0.00	\$27.46
111593	Remove Photovoltaic Panels	EA	\$47.08	\$0.00	\$0.00	\$47.08
111594	Remove Uninterruptible Power Supply (UPS)	EA	\$1,255.43	\$121.90	\$0.00	\$1,377.33
111595	Remove Automatic Transfer Switch (ATS)	EA	\$1,255.43	\$121.90	\$0.00	\$1,377.33

26-05-10 Electrical Power Cables

26-05-11 Control-Voltage Cable

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		Units	Labor	Material	Equipment	Total
111596	18 AWG 2 Pair 4C Twisted Plenum Control Cable	LF	\$2.36	\$0.23	\$0.00	\$2.59
111597	West Penn 25294B 16/2 Shielded Plenum Speaker Cable	LF	\$1.56	\$0.45	\$0.00	\$2.01
111598	West Penn 25841 RG-6/U CATV Cable	LF	\$1.56	\$0.56	\$0.00	\$2.12
111599	Honeywell Shielded Cable CMP/CL2P 75W	LF	\$1.56	\$2.94	\$0.00	\$4.50
111600	Belden 8719 - 16 AWG 2 Conductor Shielded Cable	LF	\$0.63	\$3.55	\$0.00	\$4.18
111601	Belden 8772 - 20 AWG 3 Conductor Microphone Cable	LF	\$0.63	\$1.65	\$0.00	\$2.28
111602	Belden 8471 - 16 AWG 2 Conductor Plenum Control Cable	LF	\$0.63	\$1.17	\$0.00	\$1.80
111603	Belden 1583A - Cat5E 4 Pair Plenum Control Cable	LF	\$0.63	\$0.43	\$0.00	\$1.06
111604	Belden 8489 - 18 AWG 4 Conductor Shielded Plenum Control Cable	LF	\$0.63	\$1.44	\$0.00	\$2.07
111605	Area of Refuge West Penn Two Hour Fire Rated Cable	LF	\$1.56	\$1.15	\$0.00	\$2.71
111606	Cat-6A Shielded Plenum Cable	LF	\$0.63	\$0.74	\$0.00	\$1.37
111607	Belden 8762 - 16 AWG 1 pair Control Cable	LF	\$0.63	\$2.10	\$0.00	\$2.73
111608	12C - 18 AWG Control Cable	LF	\$0.63	\$2.73	\$0.00	\$3.36
111609	14 AWG 5 Conductor Control Cable	LF	\$2.36	\$0.49	\$0.00	\$2.85
111610	PV Cable 1000-VDC-Twisted Shielded Cable	LF	\$1.17	\$2.40	\$0.00	\$3.57
111611	16 AWG 2C Twisted Shielded Communication Cable	LF	\$1.17	\$0.57	\$0.00	\$1.74
111612	10 AWG 3C SOOW Cable	LF	\$2.85	\$4.21	\$0.00	\$7.06
111613	12 AWG 3C SOOW Cable	LF	\$2.61	\$2.72	\$0.00	\$5.33
111614	14 AWG 3C SOOW Cable	LF	\$1.17	\$1.88	\$0.00	\$3.05
111615	Multi Conductor Control Cable in EMT	LF	\$3.92	\$3.05	\$0.00	\$6.97
111616	14 AWG 60 Conductor Control Cable	LF	\$3.92	\$8.78	\$0.00	\$12.70
111617	14 AWG 6 Conductor Control Cable	LF	\$1.56	\$1.02	\$0.00	\$2.58
111618	3 Conductor #10 Cable	LF	\$0.16	\$7.08	\$0.00	\$7.24
111619	Belden 29528 - 1 AWG 3 Conductor VFD Cable	LF	\$1.89	\$43.65	\$0.00	\$45.54
111620	Belden 29529 - 1/0 AWG 3 Conductor VFD Cable	LF	\$1.89	\$53.37	\$0.00	\$55.26
26-05-12 Low-Voltage Copper Cable						
111621	#16 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.47	\$0.22	\$0.00	\$0.69
111622	#14 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.47	\$0.30	\$0.00	\$0.77
111623	#12 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.47	\$0.41	\$0.00	\$0.88
111624	#10 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.63	\$0.65	\$0.00	\$1.28

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		Units	Labor	Material	Equipment	Total
111625	#8 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.78	\$1.00	\$0.00	\$1.78
111626	#6 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.78	\$1.54	\$0.00	\$2.32
111627	#4 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.94	\$2.40	\$0.00	\$3.34
111628	#3 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$3.02	\$0.00	\$4.04
111629	#2 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$3.79	\$0.00	\$4.81
111630	#1 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$4.77	\$0.00	\$5.79
111631	1/0 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.64	\$5.83	\$0.00	\$7.47
111632	2/0 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.81	\$7.18	\$0.00	\$8.99
111633	3/0 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.97	\$8.70	\$0.00	\$10.67
111634	4/0 AWG Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$2.20	\$11.32	\$0.00	\$13.52
111635	250 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$2.36	\$10.47	\$0.00	\$12.83
111636	300 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$3.14	\$14.85	\$0.00	\$17.99
111637	350 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$3.53	\$18.81	\$0.00	\$22.34
111638	400 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$3.77	\$12.63	\$0.00	\$16.40
111639	500 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$4.08	\$27.05	\$0.00	\$31.13
111640	600 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$4.23	\$33.62	\$0.00	\$37.85
111641	750 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$4.39	\$58.05	\$0.00	\$62.44
111642	1000 MCM Copper THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$4.55	\$77.03	\$0.00	\$81.58
111643	#12 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$0.47	\$0.39	\$0.00	\$0.86
111644	#10 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$0.63	\$0.57	\$0.00	\$1.20

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		Units	Labor	Material	Equipment	Total
111645	#8 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$0.78	\$1.11	\$0.00	\$1.89
111646	#6 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$0.78	\$1.72	\$0.00	\$2.50
111647	#4 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$0.94	\$2.68	\$0.00	\$3.62
111648	#3 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$3.24	\$0.00	\$4.26
111649	#2 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$4.00	\$0.00	\$5.02
111650	#1 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$5.22	\$0.00	\$6.24
111651	1/0 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$1.64	\$6.40	\$0.00	\$8.04
111652	2/0 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$1.81	\$6.81	\$0.00	\$8.62
111653	3/0 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$1.97	\$8.52	\$0.00	\$10.49
111654	4/0 AWG Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$2.20	\$10.11	\$0.00	\$12.31
111655	250 MCM Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$2.36	\$11.96	\$0.00	\$14.32
111656	300 MCM Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$3.14	\$14.85	\$0.00	\$17.99
111657	350 MCM Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$3.53	\$16.82	\$0.00	\$20.35
111658	400 MCM Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$3.77	\$19.15	\$0.00	\$22.92
111659	500 MCM Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	LF	\$4.08	\$25.83	\$0.00	\$29.91
111660	1000 MCM Copper XHHW-2/XLPE 600V Stranded Single Conductor Wire or Cable	EA	\$77.00	\$0.00	\$0.00	\$77.00
111661	Copper 750 MCM Wire Termination To be used for terminations at owner supplied equipment only; wire is existing	EA	\$69.31	\$0.00	\$0.00	\$69.31
111662	Copper 500 MCM Wire Termination To be used for terminations at owner supplied equipment only; wire is existing	EA	\$53.90	\$0.00	\$0.00	\$53.90

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		Units	Labor	Material	Equipment	Total
111663	Copper 400 MCM Wire Termination To be used for terminations at owner supplied equipment only; wire is existing	EA	\$50.05	\$0.00	\$0.00	\$50.05
111664	Copper 350 MCM Wire Termination To be used for terminations at owner supplied equipment only; wire is existing	EA	\$46.20	\$0.00	\$0.00	\$46.20
111665	Copper 300 MCM Wire Termination To be used for terminations at owner supplied equipment only; wire is existing	EA	\$42.35	\$0.00	\$0.00	\$42.35
111666	Copper 250 MCM Wire Termination To be used for terminations at owner supplied equipment only; wire is existing	EA	\$38.50	\$0.00	\$0.00	\$38.50
111667	Polaris Lug PVC Insulated Connector - 2-Way 3-Outlet #6 AWG to #500 MCM	EA	\$125.55	\$35.53	\$0.00	\$161.08
26-05-13 Low-Voltage Aluminum Cable						
111668	#6 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.78	\$0.39	\$0.00	\$1.17
111669	#4 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.94	\$0.41	\$0.00	\$1.35
111670	#3 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$0.94	\$0.44	\$0.00	\$1.38
111671	#2 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$0.57	\$0.00	\$1.59
111672	#1 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.02	\$0.76	\$0.00	\$1.78
111673	1/0 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.17	\$1.00	\$0.00	\$2.17
111674	2/0 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.25	\$1.04	\$0.00	\$2.29
111675	3/0 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.33	\$4.30	\$0.00	\$5.63
111676	4/0 AWG Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.41	\$1.27	\$0.00	\$2.68
111677	250 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.56	\$1.54	\$0.00	\$3.10
111678	300 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.81	\$2.13	\$0.00	\$3.94

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		Units	Labor	Material	Equipment	Total
111679	350 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$1.89	\$2.17	\$0.00	\$4.06
111680	400 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$2.20	\$2.43	\$0.00	\$4.63
111681	500 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$2.04	\$2.68	\$0.00	\$4.72
111682	600 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$2.36	\$6.67	\$0.00	\$9.03
111683	750 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$4.08	\$4.02	\$0.00	\$8.10
111684	1000 MCM Aluminum THHN/THWN 600V Stranded Single Conductor Wire or Cable	LF	\$4.39	\$5.90	\$0.00	\$10.29
26-05-14 Low-Voltage Mineral Insulated Cable						
111685	Mineral Insulated #12 Cable	LF	\$0.94	\$7.67	\$0.00	\$8.61
111686	Mineral Insulated #10 Cable	LF	\$1.25	\$7.92	\$0.00	\$9.17
111687	Mineral Insulated #6 Cable	LF	\$1.56	\$9.61	\$0.00	\$11.17
111688	Mineral Insulated #4 Cable	LF	\$1.97	\$12.65	\$0.00	\$14.62
111689	Mineral Insulated #2 Cable	LF	\$1.97	\$16.22	\$0.00	\$18.19
111690	Mineral Insulated #1 Cable	LF	\$1.97	\$18.31	\$0.00	\$20.28
111691	Mineral Insulated 1/0 Cable	LF	\$1.97	\$20.75	\$0.00	\$22.72
111692	Mineral Insulated 2/0 Cable	LF	\$3.92	\$24.42	\$0.00	\$28.34
111693	Mineral Insulated 3/0 Cable	LF	\$3.92	\$28.45	\$0.00	\$32.37
111694	Mineral Insulated 4/0 Cable	LF	\$12.95	\$32.54	\$0.00	\$45.49
111695	Mineral Insulated 350kcmil Cable	LF	\$3.92	\$40.71	\$0.00	\$44.63
111696	Mineral Insulated 500kcmil Cable	LF	\$7.84	\$50.38	\$0.00	\$58.22
26-05-15 Low-Voltage Metal Clad (MC) Cable						
111697	12/2 Metal Clad (MC) Cable	LF	\$2.75	\$1.52	\$0.00	\$4.27
111698	12/3 Metal Clad (MC) Cable	LF	\$2.98	\$2.19	\$0.00	\$5.17
111699	12/4 Metal Clad (MC) Cable	LF	\$3.22	\$2.90	\$0.00	\$6.12
111700	12/2 Metal Clad (MC) Cable - Hospital Grade	LF	\$2.98	\$2.18	\$0.00	\$5.16
111701	12/3 Metal Clad (MC) Cable - Hospital Grade	LF	\$3.22	\$2.88	\$0.00	\$6.10
111702	12/4 Metal Clad (MC) Cable - Hospital Grade	LF	\$3.37	\$3.58	\$0.00	\$6.95
111703	10/2 Metal Clad (MC) Cable	LF	\$2.98	\$1.69	\$0.00	\$4.67
111704	10/3 Metal Clad (MC) Cable	LF	\$3.22	\$2.40	\$0.00	\$5.62
111705	10/4 Metal Clad (MC) Cable	LF	\$3.37	\$2.75	\$0.00	\$6.12
111706	8/2 Metal Clad (MC) Cable	LF	\$4.70	\$3.02	\$0.00	\$7.72
111707	8/3 Metal Clad (MC) Cable	LF	\$4.85	\$4.16	\$0.00	\$9.01
111708	Metal Clad (MC) Cable - Straight Connector	LF	\$19.62	\$1.99	\$0.00	\$21.61
111709	Metal Clad (MC) Cable - 90 Degree Connector	LF	\$31.38	\$2.74	\$0.00	\$34.12
111710	SOOW Cord #12/2C	LF	\$1.71	\$2.01	\$0.00	\$3.72
111711	SOOW Cord #12/3C	LF	\$1.71	\$2.33	\$0.00	\$4.04
111712	SOOW Cord #10/2C	LF	\$1.71	\$2.39	\$0.00	\$4.10
111713	SOOW Cord #10/3C	LF	\$1.71	\$2.78	\$0.00	\$4.49
111714	SOOW Cord #8/2C	LF	\$178.77	\$2.96	\$0.00	\$181.73
111715	SOOW Cord #8/3C	LF	\$2.25	\$3.39	\$0.00	\$5.64
111716	SOOW Cord #8/4C	LF	\$2.91	\$4.28	\$0.00	\$7.19
26-05-16 Low-Voltage Romex Cable						
111717	#14-2 NM-B w/ Ground	LF	\$1.56	\$0.28	\$0.00	\$1.84

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		Units	Labor	Material	Equipment	Total
111718	#14-3 NM-B w/ Ground	LF	\$1.56	\$0.41	\$0.00	\$1.97
111719	#12-2 NM-B w/ Ground	LF	\$3.14	\$0.74	\$0.00	\$3.88
111720	#12-3 NM-B w/ Ground	LF	\$3.14	\$0.98	\$0.00	\$4.12
111721	#10-2 NM-B w/ Ground	LF	\$3.14	\$0.88	\$0.00	\$4.02
111722	#10-3 NM-B w/ Ground	LF	\$1.56	\$1.10	\$0.00	\$2.66
111723	#6-3 NM-B w/ Ground	LF	\$3.14	\$3.66	\$0.00	\$6.80
111724	#14-2 UF-B w/ Ground	LF	\$2.36	\$0.28	\$0.00	\$2.64
111725	#14-3 UF-B w/ Ground	LF	\$2.36	\$0.38	\$0.00	\$2.74
111726	#12-2 UF-B w/ Ground	LF	\$2.36	\$0.39	\$0.00	\$2.75
111727	#12-3 UF-B w/ Ground	LF	\$2.36	\$0.54	\$0.00	\$2.90
111728	#10-2 UF-B w/ Ground	LF	\$2.36	\$0.63	\$0.00	\$2.99
111729	#10-3 UF-B w/ Ground	LF	\$2.36	\$0.83	\$0.00	\$3.19
26-05-17 Medium-Voltage Cable						
111730	2/0 MV-105 133% 5KV Cable	LF	\$9.42	\$10.17	\$0.00	\$19.59
111731	4/0 MV-105 133% 5KV Cable	LF	\$9.42	\$11.23	\$0.00	\$20.65
111732	250 MV-105 133% 5KV Cable	LF	\$9.42	\$12.97	\$0.00	\$22.39
111733	350 MV-105 133% 5KV Cable	LF	\$9.42	\$16.60	\$0.00	\$26.02
111734	500 MV-105 133% 5KV Cable	LF	\$9.42	\$22.25	\$0.00	\$31.67
26-05-20 Grounding and Bonding for Electrical Systems						
26-05-21 Grounding Cable						
111735	#12 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$0.47	\$0.43	\$0.00	\$0.90
111736	#10 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$0.63	\$0.66	\$0.00	\$1.29
111737	#8 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$0.78	\$1.00	\$0.00	\$1.78
111738	#6 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$0.78	\$2.19	\$0.00	\$2.97
111739	#4 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$0.94	\$2.40	\$0.00	\$3.34
111740	#2 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$3.53	\$1.55	\$0.00	\$5.08
111741	1/0 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$0.37	\$3.00	\$0.00	\$3.37
111742	2/0 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$1.81	\$6.16	\$0.00	\$7.97
111743	4/0 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$2.04	\$10.82	\$0.00	\$12.86
111744	3/0 AWG Copper Stranded Single Conductor Bare Ground Wire	LF	\$1.97	\$8.70	\$0.00	\$10.67
111745	250 kcmil Copper Stranded Single Conductor Bare Ground Wire	LF	\$2.36	\$13.40	\$0.00	\$15.76
111746	400 kcmil Copper Stranded Single Conductor Bare Ground Wire	LF	\$3.77	\$21.41	\$0.00	\$25.18
111747	500 kcmil Copper Stranded Single Conductor Bare Ground Wire	LF	\$4.08	\$27.05	\$0.00	\$31.13
111748	1/4" X 2" X 12" Ground Bus Bar w/ Stand Offs	EA	\$78.46	\$127.26	\$0.00	\$205.72
111749	1/4" X 4" X 4' Ground Bus Bar w/ Stand Offs	EA	\$156.93	\$763.58	\$0.00	\$920.51

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		Units	Labor	Material	Equipment	Total
111750	4" X 25" X 10" Ground Bus Bar w/ Stand Offs	EA	\$117.69	\$217.96	\$0.00	\$335.65
111751	CadWeld Molds	EA	\$89.65	\$265.00	\$0.00	\$354.65
111752	CadWeld Shots	EA	\$89.65	\$26.50	\$0.00	\$116.15
26-05-22 Grounding Rods and Clamps						
111753	1-1/4" to 2" Bronze Pipe Clamps - Ground	EA	\$39.24	\$17.10	\$0.00	\$56.34
111754	2-1/2" to 3" Bronze Pipe Clamps - Ground	EA	\$39.24	\$31.00	\$0.00	\$70.24
111755	4" to 6" Bronze Pipe Clamps - Ground	EA	\$70.62	\$69.53	\$0.00	\$140.15
111756	1/2" X 10' Copper Clad Ground Rod	EA	\$156.93	\$34.81	\$0.00	\$191.74
111757	5/8" X 10' Copper Clad Ground Rod	EA	\$196.17	\$57.57	\$0.00	\$253.74
111758	3/4" X 10' Copper Clad Ground Rod	EA	\$196.17	\$86.01	\$0.00	\$282.18
111759	1/2" Bronze Acorn Ground Rod Clamp	EA	\$58.85	\$4.23	\$0.00	\$63.08
111760	5/8" Bronze Acorn Ground Rod Clamp	EA	\$58.85	\$5.50	\$0.00	\$64.35
111761	3/4" Bronze Acorn Ground Rod Clamp	EA	\$58.85	\$6.13	\$0.00	\$64.98
111762	4' Grounding Bushings	EA	\$19.62	\$28.51	\$0.00	\$48.13
111763	3' Grounding Bushings	EA	\$19.62	\$17.63	\$0.00	\$37.25
111764	2' Grounding Bushings	EA	\$19.62	\$14.70	\$0.00	\$34.32
26-05-30 Conduit for Electrical Systems						
26-05-31 Galvanized Steel Conduit						
111765	3/4" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$7.84	\$11.35	\$0.00	\$19.19
111766	1" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$8.64	\$14.07	\$0.00	\$22.71
111767	1.25" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$10.20	\$18.25	\$0.00	\$28.45
111768	1.5" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$12.56	\$21.33	\$0.00	\$33.89
111769	2" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$11.76	\$24.50	\$0.00	\$36.26
111770	2.5" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$13.34	\$28.40	\$0.00	\$41.74
111771	3" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$14.90	\$34.05	\$0.00	\$48.95
111772	3.5" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$17.26	\$39.41	\$0.00	\$56.67
111773	4" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$18.84	\$47.99	\$0.00	\$66.83
111774	5" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$22.44	\$75.09	\$0.00	\$97.53

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		Units	Labor	Material	Equipment	Total
111775	6" Galvanized Steel Rigid Metal Conduit (RMC) Heavy-Wall RMC - ANSI C80.1	LF	\$27.46	\$95.46	\$0.00	\$122.92
111776	3/4" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$4.70	\$1.57	\$0.00	\$6.27
111777	1" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$6.28	\$3.63	\$0.00	\$9.91
111778	1.25" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$7.84	\$2.85	\$0.00	\$10.69
111779	1.5" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$7.84	\$3.62	\$0.00	\$11.46
111780	2" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$11.76	\$4.78	\$0.00	\$16.54
111781	2.5" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$11.76	\$5.81	\$0.00	\$17.57
111782	3" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$14.12	\$10.46	\$0.00	\$24.58
111783	3.5" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$14.12	\$11.60	\$0.00	\$25.72
111784	4" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$15.70	\$12.74	\$0.00	\$28.44
111785	5" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$17.26	\$21.45	\$0.00	\$38.71
111786	6" Galvanized Steel Rigid Metal Conduit (RMC) - Coupling FIP Female threaded coupling for use with Rigid or IMC Conduit	EA	\$18.04	\$37.01	\$0.00	\$55.05
111787	3" 3 Piece Coupling Union Southwire Components or equal	EA	\$134.76	\$100.27	\$0.00	\$235.03
111788	3/4" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 4" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$7.84	\$4.18	\$0.00	\$12.02

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		Units	Labor	Material	Equipment	Total
111789	1" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 6" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$9.42	\$6.24	\$0.00	\$15.66
111790	1.25" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 7" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$11.76	\$9.00	\$0.00	\$20.76
111791	1.5" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 8" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$12.56	\$13.01	\$0.00	\$25.57
111792	2" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 9.5" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$15.70	\$18.10	\$0.00	\$33.80
111793	2.5" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 10.5" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$19.62	\$29.37	\$0.00	\$48.99
111794	3" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 13" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$20.40	\$45.99	\$0.00	\$66.39
111795	3.5" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 15" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$23.54	\$51.36	\$0.00	\$74.90
111796	4" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 16" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$24.32	\$61.41	\$0.00	\$85.73
111797	5" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 24" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$31.38	\$75.09	\$0.00	\$106.47
111798	6" Galvanized Steel Rigid Metal Conduit (RMC) - 45 Degree Elbow Rigid Sweep with 30" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$47.08	\$84.48	\$0.00	\$131.56

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		Units	Labor	Material	Equipment	Total
111799	3/4" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 4" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$7.84	\$8.18	\$0.00	\$16.02
111800	1" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 6" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$10.98	\$14.27	\$0.00	\$25.25
111801	1.25" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 7" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$11.76	\$17.11	\$0.00	\$28.87
111802	1.5" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 8" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$13.34	\$26.28	\$0.00	\$39.62
111803	2" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 9.5" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$27.46	\$58.67	\$0.00	\$86.13
111804	2.5" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 10.5" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$29.04	\$70.80	\$0.00	\$99.84
111805	3" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 13" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$32.96	\$84.48	\$0.00	\$117.44
111806	3.5" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 15" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$39.24	\$96.95	\$0.00	\$136.19
111807	4" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 16" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$58.85	\$120.34	\$0.00	\$179.19
111808	5" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 24" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$78.46	\$147.50	\$0.00	\$225.96

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		Units	Labor	Material	Equipment	Total
111809	6" Galvanized Steel Rigid Metal Conduit (RMC) - 90 Degree Elbow Rigid Sweep with 30" radius and MIP male threads for use with RMC or IMC Conduit	EA	\$117.69	\$199.79	\$0.00	\$317.48
111810	1" Galvanized Steel Rigid Metal Conduit (RMC) - Support	EA	\$23.54	\$5.08	\$0.00	\$28.62
111811	2" Galvanized Steel Rigid Metal Conduit (RMC) - Support	EA	\$23.54	\$9.34	\$0.00	\$32.88
111812	3" Galvanized Steel Rigid Metal Conduit (RMC) - Support	EA	\$23.54	\$12.02	\$0.00	\$35.56
111813	4" Galvanized Steel Rigid Metal Conduit (RMC) - Support	EA	\$31.38	\$16.04	\$0.00	\$47.42
111814	5" Galvanized Steel Rigid Metal Conduit (RMC) - Support	EA	\$31.38	\$22.49	\$0.00	\$53.87
111815	3/4" Galvanized Steel Rigid Metal Conduit (RMC) - Union Straight Threaded Unions for connecting two pieces of RMC or IMC Conduit	EA	\$47.72	\$10.61	\$0.00	\$58.33
111816	4" Galvanized Steel Rigid Metal Conduit (RMC) - Union Straight Threaded Unions for connecting two pieces of RMC or IMC Conduit	EA	\$85.30	\$228.98	\$0.00	\$314.28
111817	5" Galvanized Steel Rigid Metal Conduit (RMC) - Union Straight Threaded Unions for connecting two pieces of RMC or IMC Conduit	EA	\$85.30	\$247.75	\$0.00	\$333.05
111818	3/4" Galvanized Steel Rigid Metal Conduit (RMC) - Hub Rain-tight hub w/Insulated throat to terminate threaded conduit to unthreaded opening in metal enclosure	EA	\$34.65	\$16.14	\$0.00	\$50.79
111819	1" Galvanized Steel Rigid Metal Conduit (RMC) - Hub Rain-tight hub w/Insulated throat to terminate threaded conduit to unthreaded opening in metal enclosure	EA	\$42.10	\$18.98	\$0.00	\$61.08
111820	1.5" Galvanized Steel Rigid Metal Conduit (RMC) - Hub Rain-tight hub w/Insulated throat to terminate threaded conduit to unthreaded opening in metal enclosure	EA	\$39.24	\$39.42	\$0.00	\$78.66
111821	2" Galvanized Steel Rigid Metal Conduit (RMC) - Hub Rain-tight hub w/Insulated throat to terminate threaded conduit to unthreaded opening in metal enclosure	EA	\$65.46	\$45.38	\$0.00	\$110.84

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		Units	Labor	Material	Equipment	Total
111822	2.5" Galvanized Steel Rigid Metal Conduit (RMC) - Hub Rain-tight hub w/Insulated throat to terminate threaded conduit to unthreaded opening in metal enclosure	EA	\$58.85	\$82.12	\$0.00	\$140.97
111823	3" Galvanized Steel Rigid Metal Conduit (RMC) - Hub Rain-tight hub w/Insulated throat to terminate threaded conduit to unthreaded opening in metal enclosure	EA	\$80.86	\$92.69	\$0.00	\$173.55
111824	2" GRC Expansion Coupling Coupling that allows for the expansion, and contraction of pipe runs.	EA	\$85.30	\$382.42	\$0.00	\$467.72
111825	2.5" GRC Expansion Coupling Coupling that allows for the expansion and contraction of pipe runs.	EA	\$85.30	\$3.60	\$0.00	\$88.90
111826	4" GRC Expansion Coupling Coupling that allows for the expansion, and contraction of pipe runs.	EA	\$136.46	\$700.30	\$0.00	\$836.76
111827	1.5" Galvanized Steel Rigid Metal Conduit (RMC) - Weather Head Malleable Threaded Entrance Cap for RMC or IMC Conduit	EA	\$78.46	\$22.76	\$0.00	\$101.22
111828	5" Galvanized Steel Rigid Metal Conduit (RMC) - Weather Head Malleable Threaded Entrance Cap for RMC or IMC Conduit	EA	\$78.46	\$525.63	\$0.00	\$604.09
111829	1" Galvanized Rigid Conduit Chase Nipple Insulated Throat Chase Nipple for RMC or IMC Conduit	EA	\$6.82	\$6.73	\$0.00	\$13.55
111830	1.25" Galvanized Rigid Conduit Chase Nipple Insulated Throat Chase Nipple for RMC or IMC Conduit	EA	\$6.82	\$8.26	\$0.00	\$15.08
111831	1.5" Galvanized Rigid Conduit Chase Nipple Insulated Throat Chase Nipple for RMC or IMC Conduit	EA	\$6.82	\$8.53	\$0.00	\$15.35
111832	2" Galvanized Rigid Conduit Chase Nipple Insulated Throat Chase Nipple for RMC or IMC Conduit	EA	\$7.51	\$12.07	\$0.00	\$19.58
111833	3/4" Locknut and Plastic Bushing Set Bridgeport locknut #102-S (2) and #322 plastic bushing or equal	EA	\$26.96	\$0.61	\$0.00	\$27.57
111834	1" Locknut and Plastic Bushing Set Bridgeport locknut #103-S (2) and #323 plastic bushing or equal	EA	\$30.80	\$1.02	\$0.00	\$31.82
111835	2" Locknut and Plastic Bushing Set Bridgeport locknut #106-S (2) and #326 plastic bushing or equal	EA	\$61.61	\$3.55	\$0.00	\$65.16

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		Units	Labor	Material	Equipment	Total
111836	3" Locknut and Plastic Bushing Set Bridgeport locknut #108-S (2) and #328 plastic bushing or equal	EA	\$92.40	\$7.64	\$0.00	\$100.04
26-05-32	Intermediate Metal Conduit					
111837	3/4" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$7.84	\$8.02	\$0.00	\$15.86
111838	1" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$7.84	\$9.02	\$0.00	\$16.86
111839	1.25" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$10.20	\$10.12	\$0.00	\$20.32
111840	1.5" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$12.56	\$13.27	\$0.00	\$25.83
111841	2" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$14.90	\$17.40	\$0.00	\$32.30
111842	2.5" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$16.48	\$20.77	\$0.00	\$37.25
111843	3" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$18.04	\$25.98	\$0.00	\$44.02
111844	3.5" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$19.62	\$31.10	\$0.00	\$50.72
111845	4" Electroplated Steel Intermediate Metal Conduit (IMC) Medium-Wall IMC - ANSI C80.6, UL-1242	LF	\$21.96	\$37.48	\$0.00	\$59.44
111846	3/4" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$4.70	\$2.90	\$0.00	\$7.60
111847	1" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$6.28	\$3.63	\$0.00	\$9.91
111848	1.25" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$7.84	\$4.19	\$0.00	\$12.03
111849	1.5" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$9.42	\$4.96	\$0.00	\$14.38

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		Units	Labor	Material	Equipment	Total
111850	2" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$11.76	\$6.12	\$0.00	\$17.88
111851	2.5" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$13.34	\$8.50	\$0.00	\$21.84
111852	3" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$15.70	\$13.54	\$0.00	\$29.24
111853	3.5" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$16.48	\$19.04	\$0.00	\$35.52
111854	4" Electroplated Steel Intermediate Metal Conduit (IMC) - Coupling FIP Female threaded coupling	EA	\$19.62	\$31.51	\$0.00	\$51.13
111855	1" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 6" radius and MIP male threads	EA	\$7.84	\$6.28	\$0.00	\$14.12
111856	1.25" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 7" radius and MIP male threads	EA	\$9.42	\$9.11	\$0.00	\$18.53
111857	1.5" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 8" radius and MIP male threads	EA	\$11.76	\$11.69	\$0.00	\$23.45
111858	2" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 9.5" radius and MIP male threads	EA	\$13.34	\$17.03	\$0.00	\$30.37
111859	2.5" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 10.5" radius and MIP male threads	EA	\$14.90	\$26.68	\$0.00	\$41.58
111860	3" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 13" radius and MIP male threads	EA	\$19.62	\$44.25	\$0.00	\$63.87
111861	3.5" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 15" radius and MIP male threads	EA	\$21.96	\$56.79	\$0.00	\$78.75
111862	4" Electroplated Steel Intermediate Metal Conduit (IMC) - 45 Degree Elbow Rigid Sweep with 16" radius and MIP male threads	EA	\$23.54	\$79.78	\$0.00	\$103.32

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		Units	Labor	Material	Equipment	Total
111863	1" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 6" radius and MIP male threads	EA	\$8.64	\$11.60	\$0.00	\$20.24
111864	1.25" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 7" radius and MIP male threads	EA	\$9.42	\$12.99	\$0.00	\$22.41
111865	1.5" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 8" radius and MIP male threads	EA	\$10.98	\$15.69	\$0.00	\$26.67
111866	2" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 9.5" radius and MIP male threads	EA	\$15.70	\$24.81	\$0.00	\$40.51
111867	2.5" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 10.5" radius and MIP male threads	EA	\$17.26	\$30.44	\$0.00	\$47.70
111868	3" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 13" radius and MIP male threads	EA	\$20.40	\$48.67	\$0.00	\$69.07
111869	3.5" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 15" radius and MIP male threads	EA	\$21.96	\$70.40	\$0.00	\$92.36
111870	4" Electroplated Steel Intermediate Metal Conduit (IMC) - 90 Degree Elbow Rigid Sweep with 16" radius and MIP male threads	EA	\$23.54	\$107.00	\$0.00	\$130.54
26-05-33	Electric Metallic Tubing Conduit					
111871	1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$2.90	\$0.85	\$0.00	\$3.75
111872	3/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$4.31	\$2.69	\$0.00	\$7.00
111873	1" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$5.09	\$3.28	\$0.00	\$8.37
111874	1-1/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$5.89	\$3.62	\$0.00	\$9.51
111875	1-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$6.28	\$3.86	\$0.00	\$10.14
111876	2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$6.98	\$6.35	\$0.00	\$13.33

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		Units	Labor	Material	Equipment	Total
111877	2-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$7.84	\$4.55	\$0.00	\$12.39
111878	3" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$13.34	\$7.78	\$0.00	\$21.12
111879	3-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$14.12	\$8.44	\$0.00	\$22.56
111880	4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$15.70	\$10.86	\$0.00	\$26.56
111881	5" Galvanized Steel Electric Metallic Tubing (EMT) Conduit Thin-Wall EMT - ANSI C80.3	LF	\$23.54	\$12.97	\$0.00	\$36.51
111882	1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$3.92	\$1.43	\$0.00	\$5.35
111883	3/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$5.89	\$2.18	\$0.00	\$8.07
111884	1" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$5.89	\$3.12	\$0.00	\$9.01
111885	1-1/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$8.64	\$4.22	\$0.00	\$12.86
111886	1-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$7.06	\$4.80	\$0.00	\$11.86
111887	2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$9.42	\$7.11	\$0.00	\$16.53
111888	2-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$9.81	\$9.92	\$0.00	\$19.73
111889	3" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$12.56	\$11.67	\$0.00	\$24.23
111890	3-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$14.12	\$11.60	\$0.00	\$25.72

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		Units	Labor	Material	Equipment	Total
111891	4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Connector Adapter - IP Thread x Set Screw or Comp	EA	\$15.70	\$26.28	\$0.00	\$41.98
111892	5" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$7.84	\$1.65	\$0.00	\$9.49
111893	1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$3.92	\$1.68	\$0.00	\$5.60
111894	3/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$7.84	\$2.51	\$0.00	\$10.35
111895	1" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$9.42	\$3.07	\$0.00	\$12.49
111896	1-1/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$9.42	\$3.39	\$0.00	\$12.81
111897	1-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$10.20	\$4.78	\$0.00	\$14.98
111898	2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$11.76	\$4.83	\$0.00	\$16.59
111899	2-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$11.76	\$5.73	\$0.00	\$17.49
111900	3" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$12.56	\$7.51	\$0.00	\$20.07
111901	3-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$12.56	\$8.72	\$0.00	\$21.28
111902	4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Coupling Compression or Set Screw	EA	\$15.70	\$24.40	\$0.00	\$40.10
111903	1-1/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$9.65	\$17.52	\$0.00	\$27.17
111904	1-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$7.84	\$23.61	\$0.00	\$31.45

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		Units	Labor	Material	Equipment	Total
111905	2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbows Long Radius Bend	EA	\$14.90	\$27.49	\$0.00	\$42.39
111906	2-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$16.56	\$30.71	\$0.00	\$47.27
111907	3" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$12.56	\$37.55	\$0.00	\$50.11
111908	3-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$12.56	\$49.21	\$0.00	\$61.77
111909	4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$62.77	\$63.02	\$0.00	\$125.79
111910	5" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - 90 Degree Elbow Long Radius Bend	EA	\$62.77	\$85.15	\$0.00	\$147.92
111911	1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$2.36	\$1.73	\$0.00	\$4.09
111912	3/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$4.70	\$3.43	\$0.00	\$8.13
111913	1" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$6.28	\$3.75	\$0.00	\$10.03
111914	1-1/4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$7.84	\$4.16	\$0.00	\$12.00
111915	1-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$8.64	\$4.80	\$0.00	\$13.44
111916	2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$9.42	\$5.25	\$0.00	\$14.67
111917	2-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$10.98	\$5.63	\$0.00	\$16.61
111918	3" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$10.98	\$6.50	\$0.00	\$17.48
111919	3-1/2" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$14.12	\$8.52	\$0.00	\$22.64

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		Units	Labor	Material	Equipment	Total
111920	4" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$15.70	\$17.30	\$0.00	\$33.00
111921	5" Galvanized Steel Electric Metallic Tubing (EMT) Conduit - Support Hanger w/Nut and Bolt	EA	\$4.70	\$29.37	\$0.00	\$34.07
26-05-34 PVC Conduit						
111922	1" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$2.36	\$1.26	\$0.00	\$3.62
111923	1.25" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.14	\$1.85	\$0.00	\$4.99
111924	1.5" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.14	\$2.32	\$0.00	\$5.46
111925	2" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.53	\$2.90	\$0.00	\$6.43
111926	2.5" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.92	\$4.92	\$0.00	\$8.84
111927	3" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$4.31	\$6.25	\$0.00	\$10.56
111928	4" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$6.28	\$8.25	\$0.00	\$14.53
111929	5" PVC Schedule 40 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$9.42	\$9.07	\$0.00	\$18.49
111930	1" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$2.36	\$2.04	\$0.00	\$4.40
111931	1.25" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.14	\$2.79	\$0.00	\$5.93
111932	1.5" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.14	\$3.43	\$0.00	\$6.57
111933	2" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.53	\$4.39	\$0.00	\$7.92
111934	2.5" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$3.92	\$7.27	\$0.00	\$11.19
111935	3" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$4.31	\$8.59	\$0.00	\$12.90
111936	4" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$6.28	\$12.84	\$0.00	\$19.12
111937	5" PVC Schedule 80 Conduit Electrical PVC Conduit ANSI/ul 651	LF	\$6.28	\$16.64	\$0.00	\$22.92

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		Units	Labor	Material	Equipment	Total
111938	1" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$9.42	\$0.94	\$0.00	\$10.36
111939	1.5" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$14.12	\$0.76	\$0.00	\$14.88
111940	2" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$15.70	\$1.19	\$0.00	\$16.89
111941	2.5" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$19.62	\$2.60	\$0.00	\$22.22
111942	3" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$23.54	\$4.08	\$0.00	\$27.62
111943	4" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$39.24	\$5.88	\$0.00	\$45.12
111944	6" PVC Conduit - Coupling Rigid PVC connector w/ 2 solvent weld female ends and center stop	EA	\$47.08	\$18.64	\$0.00	\$65.72
111945	2" PVC Conduit - Expansion Coupling Coupling that allows for the expansion, and contraction of pipe runs.	EA	\$58.06	\$102.25	\$0.00	\$160.31
111946	2.5" PVC Conduit - Expansion Coupling Coupling that allows for the expansion, and contraction of pipe runs.	EA	\$58.06	\$145.67	\$0.00	\$203.73
111947	4" PVC Conduit - Expansion Coupling Coupling that allows for the expansion, and contraction of pipe runs.	EA	\$91.02	\$268.74	\$0.00	\$359.76
111948	1" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$9.42	\$3.16	\$0.00	\$12.58
111949	1.25" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$9.42	\$3.72	\$0.00	\$13.14
111950	1.50" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$9.42	\$4.62	\$0.00	\$14.04
111951	2" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$10.98	\$6.13	\$0.00	\$17.11

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		Units	Labor	Material	Equipment	Total
111952	2.5" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$10.98	\$6.57	\$0.00	\$17.55
111953	3" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$11.76	\$7.95	\$0.00	\$19.71
111954	4" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$11.76	\$9.95	\$0.00	\$21.71
111955	5" PVC Conduit - Male/Female Adaptor Rigid PVC connector w/ 1 solvent weld female end and FIP internal threads	EA	\$11.76	\$12.60	\$0.00	\$24.36
111956	1" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$9.42	\$1.29	\$0.00	\$10.71
111957	1.5" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$14.12	\$1.77	\$0.00	\$15.89
111958	2" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$15.70	\$2.30	\$0.00	\$18.00
111959	2.5" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$19.62	\$5.99	\$0.00	\$25.61
111960	3" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$23.54	\$9.29	\$0.00	\$32.83
111961	4" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$39.24	\$16.69	\$0.00	\$55.93
111962	5" PVC Conduit - 45 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$47.08	\$41.21	\$0.00	\$88.29
111963	1" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$9.42	\$3.46	\$0.00	\$12.88
111964	1.25" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$39.24	\$19.63	\$0.00	\$58.87
111965	1.5" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$23.54	\$3.28	\$0.00	\$26.82

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		Units	Labor	Material	Equipment	Total
111966	2" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$23.54	\$3.66	\$0.00	\$27.20
111967	2.5" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$19.62	\$5.99	\$0.00	\$25.61
111968	3" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$23.54	\$7.16	\$0.00	\$30.70
111969	4" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$78.46	\$160.05	\$0.00	\$238.51
111970	5" PVC Conduit - 90 Degree Elbow Rigid PVC Sweep w/integral bell one end x spigot	EA	\$47.08	\$40.80	\$0.00	\$87.88
26-05-35 Sealtight Flex Conduit						
111971	1/2" Sealtight Flex Conduit	LF	\$3.14	\$1.91	\$0.00	\$5.05
111972	3/4" Sealtight Flex Conduit	LF	\$3.53	\$2.23	\$0.00	\$5.76
111973	1" Sealtight Flex Conduit	LF	\$3.92	\$3.25	\$0.00	\$7.17
111974	1 1/4" Sealtight Flex Conduit	LF	\$4.70	\$3.50	\$0.00	\$8.20
111975	1 1/2" Sealtight Flex Conduit	LF	\$5.50	\$5.30	\$0.00	\$10.80
111976	2" Sealtight Flex Conduit	LF	\$7.06	\$9.28	\$0.00	\$16.34
111977	2.5" Sealtight Flex Conduit	LF	\$7.06	\$12.65	\$0.00	\$19.71
111978	3" Sealtight Flex Conduit	LF	\$7.84	\$15.79	\$0.00	\$23.63
111979	4" Sealtight Flex Conduit	LF	\$11.76	\$34.16	\$0.00	\$45.92
111980	1/2" Sealtight Connector	EA	\$7.84	\$5.12	\$0.00	\$12.96
111981	3/4" Sealtight Connector	EA	\$7.84	\$7.53	\$0.00	\$15.37
111982	1" Sealtight Connector	EA	\$11.76	\$11.21	\$0.00	\$22.97
111983	1 1/4" Sealtight Connector	EA	\$15.70	\$18.15	\$0.00	\$33.85
111984	1 1/2" Sealtight Connector	EA	\$15.70	\$25.78	\$0.00	\$41.48
111985	2" Sealtight Connector	EA	\$19.62	\$47.91	\$0.00	\$67.53
111986	2.5" Sealtight Connector	EA	\$19.62	\$56.68	\$0.00	\$76.30
111987	3" Sealtight Connector	EA	\$19.62	\$111.54	\$0.00	\$131.16
111988	4" Sealtight Connector	EA	\$22.76	\$146.24	\$0.00	\$169.00
111989	1/2" Sealtight 90 Degree Connector	EA	\$11.76	\$9.73	\$0.00	\$21.49
111990	3/4" Sealtight 90 Degree Connector	EA	\$11.76	\$14.65	\$0.00	\$26.41
111991	1" Sealtight 90 Degree Connector	EA	\$15.70	\$14.99	\$0.00	\$30.69
111992	1 1/4" Sealtight 90 Degree Connector	EA	\$19.62	\$42.42	\$0.00	\$62.04
111993	1 1/2" Sealtight 90 Degree Connector	EA	\$19.62	\$51.93	\$0.00	\$71.55
111994	2" Sealtight 90 Degree Connector	EA	\$23.54	\$77.71	\$0.00	\$101.25
111995	4" Sealtight 90 Degree Connector	EA	\$27.46	\$193.82	\$0.00	\$221.28
26-05-36 Flexible Metallic Conduit						
111996	1/2" Flexible Metallic Conduit	LF	\$3.45	\$3.91	\$0.00	\$7.36
111997	3/4" Flexible Metallic Conduit	LF	\$13.34	\$9.53	\$0.00	\$22.87
111998	1" Flexible Metallic Conduit	LF	\$14.90	\$16.19	\$0.00	\$31.09
111999	1.5" Flexible Metallic Conduit	LF	\$15.70	\$22.21	\$0.00	\$37.91
112000	2" Flexible Metallic Conduit	LF	\$16.48	\$31.91	\$0.00	\$48.39
112001	3" Flexible Metallic Conduit	LF	\$18.04	\$46.80	\$0.00	\$64.84
112002	4" Flexible Metallic Conduit	LF	\$21.96	\$62.18	\$0.00	\$84.14

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		Units	Labor	Material	Equipment	Total
112003	1/2" Flexible Conduit 90 Degree Connector	EA	\$11.76	\$6.36	\$0.00	\$18.12
112004	3/4" Flexible Conduit 90 Degree Connector	EA	\$11.76	\$11.18	\$0.00	\$22.94
112005	1" Flexible Conduit 90 Degree Connector	EA	\$11.76	\$15.81	\$0.00	\$27.57
112006	1 1/2" Flexible Conduit 90 Degree Connector	EA	\$14.12	\$31.10	\$0.00	\$45.22
112007	2" Flexible Conduit 90 Degree Connector	EA	\$16.48	\$76.85	\$0.00	\$93.33
112008	3" Flexible Conduit 90 Degree Connectors	EA	\$39.24	\$89.61	\$0.00	\$128.85
112009	4" Flexible Conduit 90 Degree Connectors	EA	\$39.24	\$96.31	\$0.00	\$135.55
112010	1/2" Flexible Conduit Straight Connector	EA	\$11.76	\$4.05	\$0.00	\$15.81
112011	3/4" Flexible Conduit Straight Connector	EA	\$11.76	\$5.31	\$0.00	\$17.07
112012	1" Flexible Conduit Straight Connector	EA	\$11.76	\$13.25	\$0.00	\$25.01
112013	1 1/2" Flexible Conduit Straight Connector	EA	\$14.12	\$19.21	\$0.00	\$33.33
112014	2" Flexible Conduit Straight Connector	EA	\$16.48	\$36.40	\$0.00	\$52.88
112015	3" Flexible Conduit Straight Connectors	EA	\$39.24	\$50.75	\$0.00	\$89.99
112016	4" Flexible Conduit Straight Connectors	EA	\$39.24	\$56.11	\$0.00	\$95.35
26-05-37 PVC Coated Galvanized Conduit						
112017	3/4" PVC Coated Galvanized Steel Pipe	LF	\$8.64	\$14.73	\$0.00	\$23.37
112018	1" PVC Coated Galvanized Steel Pipe	LF	\$9.42	\$18.28	\$0.00	\$27.70
112019	1.25" PVC Coated Galvanized Steel Pipe	LF	\$10.98	\$23.72	\$0.00	\$34.70
112020	1.5" PVC Coated Galvanized Steel Pipe	LF	\$13.34	\$27.73	\$0.00	\$41.07
112021	2" PVC Coated Galvanized Steel Pipe	LF	\$12.56	\$32.63	\$0.00	\$45.19
112022	2.5" PVC Coated Galvanized Steel Pipe	LF	\$14.12	\$36.91	\$0.00	\$51.03
112023	3" PVC Coated Galvanized Steel Pipe	LF	\$15.70	\$44.25	\$0.00	\$59.95
112024	3.5" Coated Galvanized Steel Pipe	LF	\$18.04	\$51.23	\$0.00	\$69.27
112025	4" PVC Coated Galvanized Steel Pipe	LF	\$19.62	\$62.39	\$0.00	\$82.01
112026	5" PVC Coated Galvanized Steel Pipe	LF	\$23.23	\$97.62	\$0.00	\$120.85
112027	6" PVC Coated Galvanized Steel Pipe	LF	\$28.24	\$124.11	\$0.00	\$152.35
112028	3/4" PVC Coated Galvanized Coupling	EA	\$5.50	\$2.04	\$0.00	\$7.54
112029	1" PVC Coated Galvanized Coupling	EA	\$7.06	\$4.72	\$0.00	\$11.78
112030	1.25" PVC Coated Galvanized Coupling	EA	\$8.64	\$3.72	\$0.00	\$12.36
112031	1.5" PVC Coated Galvanized Coupling	EA	\$8.64	\$4.71	\$0.00	\$13.35

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		Units	Labor	Material	Equipment	Total
112032	2" PVC Coated Galvanized Coupling	EA	\$12.56	\$6.20	\$0.00	\$18.76
112033	2.5" PVC Coated Galvanized Coupling	EA	\$11.76	\$5.81	\$0.00	\$17.57
112034	3" PVC Coated Galvanized Coupling	EA	\$14.90	\$13.59	\$0.00	\$28.49
112035	3.5" PVC Coated Galvanized Coupling	EA	\$14.90	\$15.09	\$0.00	\$29.99
112036	4" PVC Coated Galvanized Coupling	EA	\$16.48	\$16.57	\$0.00	\$33.05
112037	5" PVC Coated Galvanized Coupling	EA	\$18.04	\$27.89	\$0.00	\$45.93
112038	6" PVC Coated Galvanized Coupling	EA	\$18.84	\$48.11	\$0.00	\$66.95
112039	3/4" PVC Coated Galvanized 45 Degree Elbow	EA	\$8.64	\$5.40	\$0.00	\$14.04
112040	1" PVC Coated Galvanized 45 Degree Elbow	EA	\$10.20	\$8.12	\$0.00	\$18.32
112041	1.25" PVC Coated Galvanized 45 Degree Elbow	EA	\$12.56	\$11.70	\$0.00	\$24.26
112042	1.5" PVC Coated Galvanized 45 Degree Elbow	EA	\$13.34	\$16.91	\$0.00	\$30.25
112043	2" PVC Coated Galvanized 45 Degree Elbow	EA	\$16.48	\$23.53	\$0.00	\$40.01
112044	2.5" PVC Coated Galvanized 45 Degree Elbow	EA	\$20.40	\$38.18	\$0.00	\$58.58
112045	3" PVC Coated Galvanized 45 Degree Elbow	EA	\$21.18	\$59.79	\$0.00	\$80.97
112046	3.5" PVC Coated Galvanized 45 Degree Elbow	EA	\$24.32	\$66.76	\$0.00	\$91.08
112047	4" PVC Coated Galvanized 45 Degree Elbow	EA	\$25.10	\$79.83	\$0.00	\$104.93
112048	5" PVC Coated Galvanized 45 Degree Elbow	EA	\$32.17	\$97.62	\$0.00	\$129.79
112049	6" PVC Coated Galvanized 45 Degree Elbow	EA	\$47.86	\$109.82	\$0.00	\$157.68
112050	3/4" PVC Coated Galvanized 90 Degree Elbow	EA	\$8.64	\$10.63	\$0.00	\$19.27
112051	1" PVC Coated Galvanized 90 Degree Elbow	EA	\$11.76	\$18.57	\$0.00	\$30.33
112052	1.25" PVC Coated Galvanized 90 Degree Elbow	EA	\$12.56	\$22.25	\$0.00	\$34.81
112053	1.5" PVC Coated Galvanized 90 Degree Elbow	EA	\$14.12	\$34.17	\$0.00	\$48.29
112054	2" PVC Coated Galvanized 90 Degree Elbow	EA	\$28.24	\$83.25	\$0.00	\$111.49
112055	2.5" PVC Coated Galvanized 90 Degree Elbow	EA	\$29.82	\$90.78	\$0.00	\$120.60
112056	3" PVC Coated Galvanized 90 Degree Elbow	EA	\$33.74	\$109.82	\$0.00	\$143.56
112057	3.5" PVC Coated Galvanized 90 Degree Elbow	EA	\$40.02	\$126.03	\$0.00	\$166.05
112058	4" PVC Coated Galvanized 90 Degree Elbow	EA	\$59.63	\$156.45	\$0.00	\$216.08
112059	5" PVC Coated Galvanized 90 Degree Elbow	EA	\$86.31	\$191.75	\$0.00	\$278.06
112060	6" PVC Coated Galvanized 90 Degree Elbow	EA	\$125.55	\$259.73	\$0.00	\$385.28

26-05-39 Conduit Bodies and Supports

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
112061	3/4" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$39.24	\$15.66	\$0.00	\$54.90
112062	1" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$47.08	\$17.88	\$0.00	\$64.96
112063	1.25" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$34.83	\$47.31	\$0.00	\$82.14
112064	1.5" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$19.62	\$30.55	\$0.00	\$50.17
112065	2" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$62.77	\$50.43	\$0.00	\$113.20
112066	2.5" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$47.08	\$102.54	\$0.00	\$149.62
112067	3" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$156.93	\$556.68	\$0.00	\$713.61
112068	3.5" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$54.92	\$231.09	\$0.00	\$286.01
112069	4" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$78.46	\$411.14	\$0.00	\$489.60
112070	5" Galvanized Conduit Body w/Cover - LB, LL, or LR	EA	\$313.86	\$1,013.94	\$0.00	\$1,327.80
112071	3/4" Galvanized Conduit Body w/Cover - Tee	EA	\$31.38	\$24.36	\$0.00	\$55.74
112072	1.25" Galvanized Conduit Body w/Cover - Tee	EA	\$23.54	\$27.23	\$0.00	\$50.77
112073	1.5" Galvanized Conduit Body w/Cover - Tee	EA	\$23.54	\$36.35	\$0.00	\$59.89
112074	2" Galvanized Conduit Body w/Cover - Tee	EA	\$31.38	\$56.15	\$0.00	\$87.53
112075	2.5" Galvanized Conduit Body w/Cover - Tee	EA	\$39.24	\$110.34	\$0.00	\$149.58
112076	3" Galvanized Conduit Body w/Cover - Tee	EA	\$54.92	\$160.81	\$0.00	\$215.73
112077	3.5" Galvanized Conduit Body w/Cover - Tee	EA	\$70.62	\$276.57	\$0.00	\$347.19
112078	4" Galvanized Conduit Body w/Cover - Tee	EA	\$98.08	\$292.44	\$0.00	\$390.52

26-05-40 Raceways and Supports for Electrical Systems

26-05-41 Wiremold Raceway

112079	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - Two Compartment Includes Cover. Wiremold 5400TB or Equal.	LF	\$7.84	\$16.13	\$0.00	\$23.97
112080	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - Inside Elbow Includes Cover. Wiremold 5400TB or Equal.	EA	\$23.54	\$49.71	\$0.00	\$73.25
112081	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - End Fitting Includes Cover. Wiremold 5400TB or Equal.	EA	\$15.70	\$6.74	\$0.00	\$22.44
112082	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - Flat Tee Includes Cover. Wiremold 5400TB or Equal.	EA	\$23.54	\$34.35	\$0.00	\$57.89

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		Units	Labor	Material	Equipment	Total
112083	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - Inline Data Plate Includes Cover. Wiremold 5400TB or Equal.	EA	\$58.85	\$20.78	\$0.00	\$79.63
112084	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - Inline Outlet Plate Includes Cover. Wiremold 5400TB or Equal.	EA	\$141.23	\$20.78	\$0.00	\$162.01
112085	5-1/4" x 1-11/16" Non-Metallic Surface Raceway - Inline GFI Outlet w/ Plate Includes Cover. Wiremold 5400TB or Equal.	EA	\$62.77	\$30.77	\$0.00	\$93.54
112086	5" x 2" Aluminum Surface Raceway - Multi-Compartment Includes Cover. Wiremold AL5200 or Equal.	LF	\$7.84	\$34.88	\$0.00	\$42.72
112087	5" x 2" Aluminum Surface Raceway - Flat Elbow Includes Cover. Wiremold AL5200 or Equal.	EA	\$15.70	\$3.62	\$0.00	\$19.32
112088	5" x 2" Aluminum Surface Raceway - Ceiling Adapter Includes Cover. Wiremold AL5200 or Equal.	EA	\$15.70	\$4.75	\$0.00	\$20.45
112089	5" x 2" Aluminum Surface Raceway - Inside Elbow Includes Cover. Wiremold AL5200 or Equal.	EA	\$15.70	\$3.62	\$0.00	\$19.32
112090	5" x 2" Aluminum Surface Raceway - Outside Elbow Includes Cover. Wiremold AL5200 or Equal.	EA	\$15.70	\$2.89	\$0.00	\$18.59
112091	5" x 2" Aluminum Surface Raceway - Combo Duplex and CM Box Includes Cover. Wiremold AL5200 or Equal.	EA	\$47.08	\$14.04	\$0.00	\$61.12
112092	5" x 2" Aluminum Surface Raceway - Inline Data Plate Includes Cover. Wiremold AL5200 or Equal.	EA	\$7.84	\$3.13	\$0.00	\$10.97
112093	5" x 2" Aluminum Surface Raceway - Inline Outlet Plate Includes Cover. Wiremold AL5200 or Equal.	EA	\$7.84	\$3.19	\$0.00	\$11.03
112094	5" x 2" Aluminum Surface Raceway - Inline Twist Lock Plate Includes Cover. Wiremold AL5200 or Equal.	EA	\$7.84	\$15.99	\$0.00	\$23.83
112095	2-3/4" x 1-1/2" Steel Surface Raceway - Single Compartment Includes Cover. Wiremold G3000B or Equal.	LF	\$4.70	\$32.00	\$0.00	\$36.70
112096	2-3/4" x 1-1/2" Steel Surface Raceway - Flat Elbow Includes Cover. Wiremold G3000B or Equal.	EA	\$15.70	\$44.58	\$0.00	\$60.28

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		Units	Labor	Material	Equipment	Total
112097	2-3/4" x 1-1/2" Steel Surface Raceway - Ceiling Adapter Includes Cover. Wiremold G3000B or Equal.	EA	\$15.70	\$6.88	\$0.00	\$22.58
112098	2-3/4" x 1-1/2" Steel Surface Raceway - End Fitting Includes Cover. Wiremold G3000B or Equal.	EA	\$15.70	\$6.75	\$0.00	\$22.45
112099	2-3/4" x 1-1/2" Steel Surface Raceway - Inline Data Box Includes Cover. Wiremold G3000B or Equal.	EA	\$31.38	\$8.25	\$0.00	\$39.63
112100	2-3/4" x 1-1/2" Steel Surface Raceway - Inline Outlet Box Includes Cover. Wiremold G3000B or Equal.	EA	\$31.38	\$8.25	\$0.00	\$39.63
112101	1-29/32" x 7/8" Steel Surface Raceway - Single Compartment Includes Cover. Wiremold V2400BC or Equal.	LF	\$3.14	\$4.25	\$0.00	\$7.39
112102	1-29/32" x 7/8" Steel Surface Raceway - 2-Gang Outlet Box Includes Cover. Wiremold V2400BC or Equal.	EA	\$78.46	\$28.93	\$0.00	\$107.39
112103	3/4" x 21/32" Steel Surface Raceway - Single Compartment Includes Cover. Wiremold V700 or V500.	LF	\$3.92	\$2.16	\$0.00	\$6.08
112104	3/4" x 21/32" Steel Surface Raceway - Outlet Box Includes Cover. Wiremold V700 or V500.	EA	\$39.24	\$139.44	\$0.00	\$178.68
112105	3/4" x 21/32" Steel Surface Raceway - Single Port Box and Plate Includes Cover. Wiremold V700 or V500.	EA	\$39.24	\$18.49	\$0.00	\$57.73
112106	3/4" x 21/32" Steel Surface Raceway - Double Port Plate Includes Cover. Wiremold V700 or V500.	LF	\$27.46	\$6.75	\$0.00	\$34.21
112107	3/4" x 21/32" Steel Surface Raceway - 90 Degree Elbow Includes Cover. Wiremold V700 or V500.	EA	\$27.46	\$6.01	\$0.00	\$33.47
112108	Plugmold Multioutlet Steel Surface Raceway - 2-Circuit Wiremold V2000 or Equal.	LF	\$19.62	\$11.90	\$0.00	\$31.52
112109	Plugmold Multioutlet Steel Surface Raceway Connection	EA	\$117.70	\$31.36	\$0.00	\$149.06
26-05-42	Cable Basket Support					
112110	12" Wide Cable Basket Includes a trapeze support every seven feet	LF	\$21.96	\$30.61	\$0.00	\$52.57
112111	18" Wide Cable Basket Includes a trapeze support every seven feet	LF	\$25.10	\$42.91	\$0.00	\$68.01
112112	24" Wide X 6" Deep Cablofil Cable Basket	LF	\$31.38	\$57.66	\$0.00	\$89.04

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		Units	Labor	Material	Equipment	Total
112113	8" Wide Cable Basket Includes a trapeze support every seven feet	LF	\$18.04	\$23.60	\$0.00	\$41.64
26-05-43	Cable Tray Support					
112114	12" Wide Ladder Tray Includes a trapeze support every seven feet	LF	\$14.12	\$16.76	\$0.00	\$30.88
112115	12" Wide Ladder Tray - Tee	EA	\$156.93	\$93.86	\$0.00	\$250.79
112116	12" Wide Ladder Tray - Elbow	EA	\$156.93	\$67.04	\$0.00	\$223.97
112117	24" Wide Ladder Tray Includes a trapeze support every seven feet	LF	\$34.52	\$56.32	\$0.00	\$90.84
112118	24" Wide Ladder Tray - Tee	EA	\$117.69	\$241.36	\$0.00	\$359.05
112119	24" Wide Ladder Tray - Elbow	EA	\$156.93	\$84.48	\$0.00	\$241.41
112120	36" Wide Solid Bottom Tray Includes a trapeze support every seven feet	LF	\$39.24	\$65.70	\$0.00	\$104.94
112121	36" Wide Ladder Tray - Tee	EA	\$235.39	\$217.23	\$0.00	\$452.62
26-05-44	In-Slab Duct Raceway					
112122	Standard in Floor Duct with Partitions 10' Section	EA	\$156.93	\$291.34	\$0.00	\$448.27
112123	Horizontal 90 Degree Elbow	EA	\$15.70	\$150.30	\$0.00	\$166.00
112124	Vertical 90 Degree Elbow	EA	\$15.70	\$152.74	\$0.00	\$168.44
112125	9" X 11" Rectangular Box	EA	\$19.62	\$134.09	\$0.00	\$153.71
112126	4" Round Slab Box	EA	\$117.69	\$76.43	\$0.00	\$194.12
112127	Offset Dlbows 45 Degree	EA	\$102.00	\$275.98	\$0.00	\$377.98
112128	Tee	EA	\$117.69	\$334.01	\$0.00	\$451.70
26-05-45	In-Wall Duct Raceway					
112129	Channel Duct with Partitions and Cover 5' Section	EA	\$117.69	\$191.61	\$0.00	\$309.30
112130	Flat 90 degree elbow	EA	\$78.46	\$102.31	\$0.00	\$180.77
112131	Flat Cross	EA	\$78.46	\$204.83	\$0.00	\$283.29
112132	Flat Tee	EA	\$78.46	\$208.24	\$0.00	\$286.70
112133	End Cap	EA	\$39.24	\$30.50	\$0.00	\$69.74
26-05-46	Raceway and Support Components					
112134	Box Cover or Wall Plate - Plastic or Nylon 1-Gang	EA	\$7.84	\$0.49	\$0.00	\$8.33
112135	Box Cover or Wall Plate - Plastic or Nylon 2-Gang	EA	\$9.42	\$0.98	\$0.00	\$10.40
112136	Box Cover or Wall Plate - Plastic or Nylon 3-Gang	EA	\$10.98	\$1.57	\$0.00	\$12.55
112137	Box Cover or Wall Plate - Plastic or Nylon 4-Gang	EA	\$13.34	\$3.10	\$0.00	\$16.44
112138	Box Cover or Wall Plate - Steel or Stainless Steel 1-Gang	EA	\$7.84	\$3.18	\$0.00	\$11.02
112139	Box Cover or Wall Plate - Steel or Stainless Steel 2-Gang	EA	\$9.42	\$7.02	\$0.00	\$16.44
112140	Box Cover or Wall Plate - Steel or Stainless Steel 3-Gang	EA	\$10.98	\$8.07	\$0.00	\$19.05
112141	Box Cover or Wall Plate - Steel or Stainless Steel 4-Gang	EA	\$13.34	\$10.70	\$0.00	\$24.04
112142	4" Steel Square Box - 2-1/8" Deep Knockout Type	EA	\$39.24	\$7.89	\$0.00	\$47.13
112143	4" Steel Square Box - 3-1/2" Deep Knockout Type	EA	\$78.46	\$10.12	\$0.00	\$88.58

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		Units	Labor	Material	Equipment	Total
112144	4" Steel Square Box Plaster or Mud Ring 1-Gang or 2-Gang	EA	\$7.84	\$3.21	\$0.00	\$11.05
112145	4" Steel Square Box Cover - Flat Exposed Work 1-Gang or 2-Gang	EA	\$7.84	\$1.46	\$0.00	\$9.30
112146	4" Steel Square Box Cover - Raised Square (RS) Exposed Work 1-Gang or 2-Gang	EA	\$39.24	\$4.95	\$0.00	\$44.19
112147	4-11/16" Steel Square Box Knockout Type	EA	\$39.24	\$16.63	\$0.00	\$55.87
112148	4-11/16" Steel Square Box Plaster or Mud Ring 1-Gang or 2-Gang	EA	\$7.84	\$4.28	\$0.00	\$12.12
112149	4-11/16" Steel Square Box Cover - Flat Exposed Work 1-Gang or 2-Gang	EA	\$7.84	\$4.55	\$0.00	\$12.39
112150	Bond Jumper	EA	\$3.92	\$0.50	\$0.00	\$4.42
112151	Steel Cut-In/Remodel Box - 1-Gang	EA	\$11.76	\$4.68	\$0.00	\$16.44
112152	Steel Octagon Box - Deep	EA	\$78.46	\$11.92	\$0.00	\$90.38
112153	3/4" Strut Strap	EA	\$19.62	\$2.39	\$0.00	\$22.01
112154	1" Strut Strap	EA	\$19.62	\$2.73	\$0.00	\$22.35
112155	1.5" Strut Strap	EA	\$19.62	\$4.05	\$0.00	\$23.67
112156	2" Strut Strap	EA	\$64.76	\$4.12	\$0.00	\$68.88
112157	2.5" Strut Strap	EA	\$64.76	\$6.35	\$0.00	\$71.11
112158	3" Strut Strap	EA	\$64.76	\$7.00	\$0.00	\$71.76
112159	3.5" Strut Strap	EA	\$64.76	\$7.57	\$0.00	\$72.33
112160	4" Strut Straps	EA	\$67.79	\$9.07	\$0.00	\$76.86
112161	Unistrut Spring nut/ with Bolt	EA	\$37.96	\$3.73	\$0.00	\$41.69
112162	Unistrut 90 Degree Bracket	EA	\$37.96	\$5.83	\$0.00	\$43.79
112163	Unistrut J1220-2"Conduit Hanger	EA	\$13.65	\$7.74	\$0.00	\$21.39
112164	Dura-Block B-Line Series Model BD20 Rubber Roof Block 5"H X 6"L x 20.2" D with Galvanized Channel	EA	\$38.19	\$168.94	\$0.00	\$207.13
112165	Bell Weatherproof Box - 1-Gang	EA	\$39.24	\$13.96	\$0.00	\$53.20
112166	Bell Weatherproof Box - 2-Gang	EA	\$39.24	\$22.47	\$0.00	\$61.71
112167	Bell Weatherproof Box Gasketed Cover - 2-Gang	EA	\$7.84	\$4.40	\$0.00	\$12.24
112168	Lighting Support (Ceiling Wires)	EA	\$78.46	\$21.92	\$0.00	\$100.38
112169	4" Knock Outs	EA	\$58.85	\$1.88	\$0.00	\$60.73
112170	3/4" Kellems Strain Relief Cable Grip	EA	\$78.46	\$84.48	\$0.00	\$162.94
112171	1" Kellems Strain Relief Cable Grip	EA	\$78.46	\$92.52	\$0.00	\$170.98
112172	1.5" Kellems Strain Relief Cable Grip	EA	\$78.46	\$164.93	\$0.00	\$243.39
112173	2.5" Kellems Strain Relief Cable Grip	EA	\$78.46	\$480.04	\$0.00	\$558.50
112174	3" Kellems Strain Relief Cable Grip	EA	\$78.46	\$618.15	\$0.00	\$696.61
112175	2" Aluminum Service Entrance Cap and Weatherhead	EA	\$156.93	\$50.95	\$0.00	\$207.88
112176	3" Aluminum Service Entrance Cap and Weatherhead	EA	\$156.93	\$75.09	\$0.00	\$232.02
112177	4" Aluminum Service Entrance Cap and Weatherhead	EA	\$156.93	\$103.25	\$0.00	\$260.18

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		Units	Labor	Material	Equipment	Total
112178	5" Aluminum Service Entrance Cap and Weatherhead	EA	\$156.93	\$124.70	\$0.00	\$281.63
112179	1" Conduit Waterproof Link-Seal	EA	\$117.69	\$89.84	\$0.00	\$207.53
112180	2" Conduit Waterproof Link-Seal	EA	\$117.69	\$124.70	\$0.00	\$242.39
112181	3" Conduit Waterproof Link-Seal	EA	\$117.69	\$183.70	\$0.00	\$301.39
112182	4" Conduit Waterproof Link-Seal	EA	\$156.93	\$197.11	\$0.00	\$354.04
112183	1/2" Panduit Spiral Wiring Wrap - 4" Max Bundle Diameter	LF	\$10.10	\$2.61	\$0.00	\$12.71
112184	3/4" Panduit Spiral Wiring Wrap - 5" Max Bundle Diameter	LF	\$10.10	\$3.40	\$0.00	\$13.50
112185	Panduit Type F Slotted Wiring Duct - Up to 2" x 2"	LF	\$10.10	\$9.28	\$0.00	\$19.38
112186	Panduit Type F Slotted Wiring Duct - Over 2" x 2"	LF	\$9.42	\$12.01	\$0.00	\$21.43
112187	Din Rail Track	LF	\$9.42	\$1.52	\$0.00	\$10.94
112188	Din Rail Fuse Block	EA	\$9.42	\$29.56	\$0.00	\$38.98
112189	Little Fuse KLKR 30	EA	\$9.42	\$25.90	\$0.00	\$35.32
112190	Cable Ties 7.9" bag of 100	EA	\$78.46	\$10.58	\$0.00	\$89.04

26-05-70 Junction Boxes for Electrical Equipment

26-05-71 Junction Boxes - NEMA 1

112191	6" X 6" X 4" NEMA 1 J-Box	EA	\$78.46	\$10.87	\$0.00	\$89.33
112192	6" X 6" X 8" NEMA 1 J-Box	EA	\$78.46	\$23.04	\$0.00	\$101.50
112193	6" X 6" X 6" NEMA 1 J-Box	EA	\$78.46	\$17.66	\$0.00	\$96.12
112194	10" X 8" X 4" NEMA 1 J-Box	EA	\$78.46	\$16.30	\$0.00	\$94.76
112195	12" X 10" X 4" NEMA 1 J-Box	EA	\$78.46	\$19.58	\$0.00	\$98.04
112196	12" X 12" X 4" NEMA 1 J-Box	EA	\$78.46	\$33.19	\$0.00	\$111.65
112197	10" X 10" X 6" NEMA 1 J-Box	EA	\$78.46	\$44.38	\$0.00	\$122.84
112198	12" X 12" X 6" NEMA 1 J-Box	EA	\$313.86	\$91.85	\$0.00	\$405.71
112199	18" X 18" X 10" NEMA 1 J-Box	EA	\$313.86	\$90.12	\$0.00	\$403.98
112200	20" X 12" X 8" NEMA 1 J-Box	EA	\$313.86	\$257.45	\$0.00	\$571.31
112201	24" X 24" X 6" NEMA 1 J-Box	EA	\$470.79	\$191.75	\$0.00	\$662.54
112202	18" X 18" X 8" NEMA 1 J-Box	EA	\$313.86	\$78.71	\$0.00	\$392.57
112203	24" X 24" X 18" NEMA 1 J-Box	EA	\$470.79	\$240.96	\$0.00	\$711.75
112204	24" X 24" X 24" NEMA 1 J-Box	EA	\$156.93	\$198.32	\$0.00	\$355.25
112205	30" X 24" X 10" NEMA 1 J-Box	EA	\$470.79	\$596.70	\$0.00	\$1,067.49
112206	30" X 30" X 10" NEMA 1 J-Box	EA	\$235.39	\$427.75	\$0.00	\$663.14
112207	36" X 24" X 18" NEMA 1 J-Box	EA	\$627.72	\$447.86	\$0.00	\$1,075.58
112208	36" X 42" X 18" NEMA 1 J-Box	EA	\$627.72	\$850.13	\$0.00	\$1,477.85
112209	48" X 48" X 24" NEMA 1 J-Box	EA	\$627.72	\$984.22	\$0.00	\$1,611.94

26-05-72 Junction Boxes - NEMA 3R

112210	8" X 8" X 6" NEMA 3R J-Box	EA	\$156.93	\$71.07	\$0.00	\$228.00
112211	10" X 8" X 6" NEMA 3R J-Box	EA	\$78.46	\$60.01	\$0.00	\$138.47
112212	10" X 10" X 6" NEMA 3R J-Box	EA	\$78.46	\$102.91	\$0.00	\$181.37
112213	12" X 10" X 6" NEMA 3R J-Box	EA	\$117.69	\$119.01	\$0.00	\$236.70
112214	16" X 12" X 6" NEMA 3R J-Box	EA	\$156.93	\$154.87	\$0.00	\$311.80
112215	20" X 20" X 8" NEMA 3R J-Box	EA	\$313.86	\$352.66	\$0.00	\$666.52
112216	12" X 12" X 8" NEMA 3R J-Box	EA	\$235.39	\$338.58	\$0.00	\$573.97
112217	24" X 24" X 10" NEMA 3R J-Box	EA	\$313.86	\$516.92	\$0.00	\$830.78
112218	36" X 24" X 12" NEMA 3R J-Box	EA	\$470.79	\$637.60	\$0.00	\$1,108.39
112219	48" X 48" X 24" NEMA 3R J-Box	EA	\$627.72	\$1,173.96	\$0.00	\$1,801.68

26-05-74 Junction Boxes - NEMA 4/4X

112220	10" X 8" X 4" NEMA 4X SS	EA	\$156.93	\$368.21	\$0.00	\$525.14
112221	12" X 12" X 6" NEMA 4X SS	EA	\$156.93	\$454.93	\$0.00	\$611.86
112222	14" X 14" X 12" NEMA 4X SS	EA	\$235.39	\$906.94	\$0.00	\$1,142.33
112223	16" X 16" X 8" NEMA 4X SS	EA	\$313.86	\$899.62	\$0.00	\$1,213.48
112224	24" X 24" X 10" NEMA 4X SS	EA	\$313.86	\$1,487.67	\$0.00	\$1,801.53
112225	24" X 24" X 12" NEMA 4X SS	EA	\$313.86	\$1,544.72	\$0.00	\$1,858.58
112226	36" X 24" X 16" NEMA 4X SS	EA	\$470.79	\$1,908.95	\$0.00	\$2,379.74

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		Units	Labor	Material	Equipment	Total
112227	36" X 36" X 16" NEMA 4X SS	EA	\$470.79	\$2,097.66	\$0.00	\$2,568.45
26-05-75	Wireway Gutter Enclosure					
112228	4" x 4" x 84" Wireway Gutter w/End Caps - NEMA 1	EA	\$470.79	\$183.11	\$0.00	\$653.90
112229	6" x 6" x 24" Wireway Gutter w/End Caps - NEMA 1	EA	\$156.93	\$124.70	\$0.00	\$281.63
112230	6" x 6" x 120" Wireway Gutter w/End Caps - NEMA 1	EA	\$784.64	\$279.58	\$0.00	\$1,064.22
112231	8" x 8" x 48" Wireway Gutter w/End Caps - NEMA 1	EA	\$313.86	\$321.28	\$0.00	\$635.14
112232	12" x 12" x 48" Wireway Gutter w/End Caps - NEMA 1	EA	\$392.32	\$522.28	\$0.00	\$914.60
112233	12" x 12" x 84" Wireway Gutter w/End Caps - NEMA 1	EA	\$706.18	\$660.39	\$0.00	\$1,366.57
112234	12" x 12" x 120" Wireway Gutter w/End Caps - NEMA 1	EA	\$941.57	\$706.02	\$0.00	\$1,647.59
112235	12" x 12" x 144" Wireway Gutter w/End Caps - NEMA 1	EA	\$1,255.43	\$867.37	\$0.00	\$2,122.80
112236	6" x 6" x 30" Wireway Gutter w/End Caps - NEMA 3R	EA	\$78.46	\$165.66	\$0.00	\$244.12
112237	6" x 6" x 36" Wireway Gutter w/End Caps - NEMA 3R	EA	\$235.39	\$190.51	\$0.00	\$425.90
112238	6" x 6" x 60" Wireway Gutter w/End Caps - NEMA 3R	EA	\$392.32	\$280.78	\$0.00	\$673.10
26-05-76	Floor Boxes					
112239	Hubbell B2422 2 Gang Floor Box	EA	\$156.93	\$162.86	\$0.00	\$319.79
112240	Hubbell SB3084 2 Gang Brass Floor Box Cover	EA	\$117.69	\$199.43	\$0.00	\$317.12
112241	Round Brass 2 Gang Cover for 5" PVC Floor Box	EA	\$78.46	\$172.98	\$0.00	\$251.44
112242	Walker AF 3-YC Raised Floor Box	EA	\$156.93	\$518.93	\$0.00	\$675.86
112243	Round 2 Gang Cover for 5" PVC Floor Box	EA	\$78.46	\$159.57	\$0.00	\$238.03
112244	Walker 5251 Raised Floor Box	EA	\$156.93	\$93.31	\$0.00	\$250.24
112245	Walker AC8104 Raised Floor Box	EA	\$156.93	\$476.63	\$0.00	\$633.56
112246	Wiremold RFB2 Floor Box with Cover	EA	\$156.93	\$178.34	\$0.00	\$335.27
112247	Wiremold RFB6 Floor Box with Cover	EA	\$156.93	\$244.04	\$0.00	\$400.97
112248	Wiremold RC4 Floor Box	EA	\$156.93	\$417.02	\$0.00	\$573.95
112249	FSR Ceiling box	EA	\$196.17	\$762.97	\$0.00	\$959.14
112250	FSR FL 500P w/cover	EA	\$196.17	\$628.88	\$0.00	\$825.05
112251	Cable Cubby Tilt Up Table	EA	\$156.93	\$490.10	\$0.00	\$647.03
112252	Cable Cubby Wall w/Hinged Cover	EA	\$156.93	\$264.16	\$0.00	\$421.09
112253	Chief Wall Box PAC526	EA	\$156.93	\$107.27	\$0.00	\$264.20
112254	5" PVC Floor Box (Power and Data)	EA	\$156.93	\$32.18	\$0.00	\$189.11
112255	Stainless Steel Pedestal Floor Box (Power or Data)	EA	\$156.93	\$84.84	\$0.00	\$241.77
112256	Steel Pedestal Floor Box (Power or Data)	EA	\$156.93	\$111.17	\$0.00	\$268.10
112257	Steel Pedestal Floor Box (Power and Data)	EA	\$156.93	\$62.90	\$0.00	\$219.83
112258	4" X 4" X 6" PVC Water proof J Box	EA	\$156.93	\$62.75	\$0.00	\$219.68
112259	Round PVC 5" Opening, 6" Deep	EA	\$156.93	\$60.34	\$0.00	\$217.27

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		Units	Labor	Material	Equipment	Total
112260	5" Multiservice Poke Thru Box	EA	\$156.93	\$610.11	\$0.00	\$767.04
112261	8" Multiservice Poke Thru Box	EA	\$156.93	\$878.29	\$0.00	\$1,035.22
26-05-90 Miscellaneous Electrical Items and Systems						
26-05-93 Electrical Support Items						
112262	Third Party Testing	DY	\$627.72	\$121.90	\$0.00	\$749.62
112263	Arc Flash Study	DY	\$627.72	\$0.00	\$0.00	\$627.72
112264	Short Circuit and Coordination Study	DY	\$627.72	\$0.00	\$0.00	\$627.72
112265	Meggarng (Set of Three Cables)	EA	\$627.72	\$0.00	\$0.00	\$627.72
112266	Circuit Tracing One Single Phase circuit	EA	\$136.46	\$0.00	\$0.00	\$136.46
26-05-95 Temporary Electrical Items						
112267	60A 208V 1Ph Load Center on Plywood Stand W/4Quads	EA	\$627.72	\$6,521.65	\$0.00	\$7,149.37
112268	100' (10 Fixture) Temporary Light String	EA	\$156.93	\$156.03	\$0.00	\$312.96
112269	2,500 Watt Portable Generator Rental - Gasoline Excludes fuel.	DY	\$0.00	\$0.00	\$72.00	\$72.00
112270	3,600 Watt Portable Generator Rental - Gasoline Excludes fuel.	DY	\$0.00	\$0.00	\$72.00	\$72.00
112271	5,000 Watt Portable Generator Rental - Gasoline Excludes fuel.	DY	\$0.00	\$0.00	\$93.00	\$93.00
112272	6,500 Watt Portable Generator Rental - Gasoline Excludes fuel.	DY	\$0.00	\$0.00	\$93.00	\$93.00
112273	7,500 Watt Portable Generator Rental - Gasoline Excludes fuel.	DY	\$0.00	\$0.00	\$93.00	\$93.00
112274	10 KW Portable Generator Rental - Gasoline Excludes fuel.	DY	\$0.00	\$0.00	\$110.00	\$110.00
112275	60 KW Portable Generator Rental - Diesel Excludes fuel.	WK	\$0.00	\$0.00	\$1,600.00	\$1,600.00
112276	100 KW Portable Generator Rental - Diesel Excludes fuel.	WK	\$0.00	\$0.00	\$2,700.00	\$2,700.00
112277	250 KW Portable Generator Rental - Diesel Excludes fuel.	MO	\$0.00	\$0.00	\$22,036.30	\$22,036.30
112278	500 KW Portable Generator Rental - Diesel Excludes fuel.	MO	\$0.00	\$0.00	\$32,597.90	\$32,597.90
112279	750 KW Portable Generator Rental - Diesel Excludes fuel.	MO	\$0.00	\$0.00	\$33,685.80	\$33,685.80
112280	1,000 KW Portable Generator Rental - Diesel Excludes fuel.	MO	\$0.00	\$0.00	\$51,255.50	\$51,255.50
112281	1,500 KW Portable Generator Rental - Diesel Excludes fuel.	MO	\$0.00	\$0.00	\$67,390.00	\$67,390.00
112282	2,000 KW Portable Generator Rental - Diesel Excludes fuel.	MO	\$0.00	\$0.00	\$71,866.95	\$71,866.95

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		Units	Labor	Material	Equipment	Total
26-05-97	Electric Vehicle Charging Stations					
112283	40KW DC Cable	LF	\$2.36	\$7.74	\$0.00	\$10.10
112284	Bosch AC EV Level 2 Charging Station (Wall or Bollard Mount)	EA	\$627.72	\$3,346.16	\$0.00	\$3,973.88
112285	GEP-EVPN3R Level 2 Charging Station (Wall or Bollard Mount)	EA	\$627.72	\$2,756.89	\$0.00	\$3,384.61
112286	EVP 32-H81 NEME 4 Level 2 Charging Station (Wall or Bollard Mount)	EA	\$627.72	\$3,010.32	\$0.00	\$3,638.04
112287	Tesla Super 3R Level 3 Charging Station (Wall or Bollard Mount)	EA	\$1,255.43	\$15,768.98	\$0.00	\$17,024.41
112288	GE-EVDN3R Level 2 Charging Station (Wall or Bollard Mount)	EA	\$1,255.43	\$5,862.41	\$0.00	\$7,117.84
112289	Car Charging Station Rough In	LF	\$5.89	\$23.47	\$0.00	\$29.36
112290	Schneider EVlink DC Level 3 Fast Charging Station (Wall or Bollard Mount)	EA	\$784.64	\$6,540.20	\$0.00	\$7,324.84
112291	Schneider EVlink EVF2S7P44R Duel Port Level 2 Charging Station (Wall or Bollard Mount)	EA	\$784.64	\$5,321.20	\$0.00	\$6,105.84
112292	ChargePoint CT4023 Dual Port Level 2 Charging Station (Wall or Bollard Mount)	EA	\$627.72	\$13,408.77	\$0.00	\$14,036.49
112293	ChargePoint CT4013 Single Port Level 2 Charging Station (Wall or Bollard Mount)	EA	\$627.72	\$10,328.55	\$0.00	\$10,956.27
112294	Enphase HCS-D40 Dual EV Charger with ProMountDuo Universal Pedestal (rugged)	EA	\$627.82	\$2,939.34	\$0.00	\$3,567.16
26-05-98	Heat Trace and Snow Melt Systems					
112295	Heat Trace Panel	EA	\$627.72	\$12,953.09	\$0.00	\$13,580.81
112296	Heat Trace Snow Switch	EA	\$156.93	\$2,330.24	\$0.00	\$2,487.17
112297	Heat Trace Aerial Snow Sensor	EA	\$156.93	\$808.93	\$0.00	\$965.86
112298	Heat Trace Gutter De-Icing Sensor	EA	\$196.17	\$567.57	\$0.00	\$763.74
112299	Heat Trace Power and Connection Kit	EA	\$156.93	\$697.76	\$0.00	\$854.69
112300	Heat Trace Cable Clips	EA	\$11.76	\$5.02	\$0.00	\$16.78
26-09-00	Electrical Controls					
26-09-13	Electrical Power Monitoring					
112301	Marwell 2200 Series Meter	EA	\$505.53	\$470.38	\$0.00	\$975.91
26-09-23	Lighting Control Devices					
112302	12 Pole Contactors, NEMA 1 Enclosure Electrically held, NC with 120V coil. Square D 8903LG1200V02 or equal	EA	\$215.60	\$1,828.50	\$0.00	\$2,044.10
112303	Low Voltage Lighting Control Panel	EA	\$1,255.43	\$3,487.68	\$0.00	\$4,743.11
112304	Room Controller	EA	\$156.93	\$395.57	\$0.00	\$552.50
112305	LV Occ Sensor Ceiling	EA	\$117.69	\$198.45	\$0.00	\$316.14
112306	LV Vacancy Sensor Ceiling	EA	\$117.69	\$211.86	\$0.00	\$329.55
112307	LV Multi Level Scene Controller	EA	\$117.69	\$254.77	\$0.00	\$372.46
112308	LV Multi Level Switch	EA	\$156.93	\$277.57	\$0.00	\$434.50
112309	LV NPP16-D Power Pack	EA	\$78.46	\$164.93	\$0.00	\$243.39
112310	LV Daylight Dimmer	EA	\$117.69	\$230.63	\$0.00	\$348.32
112311	LV PODM-DX Dimmer	EA	\$117.69	\$140.79	\$0.00	\$258.48
112312	LV NPOD Touch	EA	\$627.72	\$787.11	\$0.00	\$1,414.83

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		Units	Labor	Material	Equipment	Total
112313	Lutron Energy Saver Node	EA	\$627.72	\$867.44	\$0.00	\$1,495.16
112314	Lutron Lighting Relay Cabinet	EA	\$627.72	\$402.27	\$0.00	\$1,029.99
112315	Lutron Power Supply	EA	\$117.70	\$52.66	\$0.00	\$170.36
112316	Eco System Ballast Premium	EA	\$19.62	\$40.96	\$0.00	\$60.58
112317	Lutron Relay	EA	\$78.46	\$157.98	\$0.00	\$236.44
112318	Lutron Multi-Level Switch	EA	\$117.69	\$291.10	\$0.00	\$408.79
112319	Lutron GRX 346S Control Cable	LF	\$2.36	\$0.96	\$0.00	\$3.32
112320	Quantum Hub	EA	\$1,255.43	\$3,876.42	\$0.00	\$5,131.85
112321	Lutron Wireless OCC Sensor	EA	\$117.70	\$217.96	\$0.00	\$335.66
112322	Wireless Wall Switch	EA	\$117.70	\$261.84	\$0.00	\$379.54
112323	Lutron MSZ101 (DC)	EA	\$117.69	\$115.80	\$0.00	\$233.49
112324	Lutron LFR2 OCRB (Occupancy Sensor-Ceiling)	EA	\$117.69	\$168.22	\$0.00	\$285.91
112325	Lutron MS-B102 (Occupancy Sensor-Wall)	EA	\$117.69	\$82.89	\$0.00	\$200.58
112326	Lutron DVSTV (Single Pole)	EA	\$117.69	\$90.21	\$0.00	\$207.90
112327	Lutron QSWE (SW)	EA	\$117.69	\$201.14	\$0.00	\$318.83
112328	CAT6a Cable	LF	\$1.17	\$0.52	\$0.00	\$1.69
112329	Enlighted Gateway	EA	\$156.93	\$201.14	\$0.00	\$358.07
112330	Enlighted Energy Manager w/Enclosure	EA	\$1,255.43	\$6,704.50	\$0.00	\$7,959.93
112331	Enlighted Energy Commissioning	EA	\$6,277.16	\$2,011.35	\$0.00	\$8,288.51
112332	Enlighted Wireless Room Controller	EA	\$156.93	\$469.32	\$0.00	\$626.25
112333	Enlighted GTD Relay	EA	\$78.46	\$93.86	\$0.00	\$172.32
112334	Enlighted PoE Switch	EA	\$117.69	\$241.36	\$0.00	\$359.05
112335	Enlighted SR Sensor	EA	\$117.69	\$201.14	\$0.00	\$318.83
112336	Enlighted SRF sensor	EA	\$117.69	\$201.14	\$0.00	\$318.83
26-09-25 Line-Voltage Lighting Controls						
112337	3 Way Fluorescent Dimmer	EA	\$156.93	\$251.60	\$0.00	\$408.53
112338	Leviton D4106 6 Channel Dimmer	EA	\$313.86	\$1,203.15	\$0.00	\$1,517.01
112339	Digital Room Controller	EA	\$117.69	\$232.59	\$0.00	\$350.28
112340	Timeclock	EA	\$313.86	\$204.79	\$0.00	\$518.65
112341	Astronomical Clock Controller	EA	\$156.93	\$478.34	\$0.00	\$635.27
112342	Line Voltage Duel Tech Wall Mt OCC Sensor	EA	\$117.70	\$142.18	\$0.00	\$259.88
112343	Line Voltage Duel Tech Ceiling OCC Sensor	EA	\$78.46	\$125.80	\$0.00	\$204.26
112344	Intermatic ET 90215C Time Clock	EA	\$313.86	\$669.23	\$0.00	\$983.09
112345	Line Voltage Ceiling Mount Vacancy Sensor	EA	\$117.69	\$141.89	\$0.00	\$259.58
112346	Line Voltage Wall Mount Vacancy Sensor	EA	\$117.69	\$119.95	\$0.00	\$237.64
112347	Photoelectric Cell	EA	\$117.70	\$73.14	\$0.00	\$190.84
112348	Daylight Sensor	EA	\$117.70	\$157.98	\$0.00	\$275.68
112349	Room Light Controller	EA	\$156.93	\$229.66	\$0.00	\$386.59
112350	1Pole Switch	EA	\$39.24	\$10.08	\$0.00	\$49.32
112351	1Pole Motor Rated Switch	EA	\$117.69	\$19.74	\$0.00	\$137.43
112352	3- Way Switch	EA	\$39.24	\$11.43	\$0.00	\$50.67
112353	4-Way Switch	EA	\$39.24	\$11.43	\$0.00	\$50.67
112354	Tamper Proof Switch (Keyed)	EA	\$94.16	\$33.69	\$0.00	\$127.85
112355	Lockable Cab Light Switch	EA	\$196.17	\$131.64	\$0.00	\$327.81
112356	Emergency Light Relay	EA	\$78.46	\$111.17	\$0.00	\$189.63
112357	Timers	EA	\$117.70	\$68.75	\$0.00	\$186.45
112358	Transfer Relay	EA	\$78.46	\$114.39	\$0.00	\$192.85
26-09-27 Low-Voltage Lighting Controls						

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		Units	Labor	Material	Equipment	Total
112359	LV Corner Mount Occ Sensor Wall/ Ceiling	EA	\$156.93	\$198.45	\$0.00	\$355.38
112360	LV Occ Sensor Ceiling	EA	\$117.69	\$198.45	\$0.00	\$316.14
112361	LV Vacancy Sensor Ceiling	EA	\$117.69	\$211.86	\$0.00	\$329.55
112362	WG Occ Sensor Ceiling	EA	\$156.93	\$229.29	\$0.00	\$386.22
112363	LV Occ Sensor Wall	EA	\$117.69	\$198.45	\$0.00	\$316.14
112364	LV Vacancy Sensor Wall	EA	\$117.69	\$211.86	\$0.00	\$329.55
112365	LV Tunable White Controller	EA	\$156.93	\$272.32	\$0.00	\$429.25
112366	LV Scene Controller (SC)	EA	\$156.93	\$395.57	\$0.00	\$552.50
112367	LV Multi Level Scene Controller	EA	\$117.69	\$254.77	\$0.00	\$372.46
112368	LV Multi Level Switch	EA	\$156.93	\$277.57	\$0.00	\$434.50
112369	LV Power Pack	EA	\$78.46	\$170.29	\$0.00	\$248.75
112370	LV Dimmings Controller (DC)	EA	\$156.93	\$352.53	\$0.00	\$509.46
112371	ALCR	EA	\$78.46	\$144.82	\$0.00	\$223.28
112372	18 AWG 2 Pair 4C Twisted Plenum Control Cable	LF	\$1.56	\$0.30	\$0.00	\$1.86
112373	DLM Room Controls	EA	\$470.79	\$824.65	\$0.00	\$1,295.44
112374	Low Voltage Dimmer Panel	EA	\$1,255.43	\$4,894.28	\$0.00	\$6,149.71
112375	LV System Daylight Sensor	EA	\$78.46	\$128.73	\$0.00	\$207.19
112376	Low Voltage Fluorescent Dimmer	EA	\$156.93	\$178.34	\$0.00	\$335.27
112377	Duel Technology Wall Mounted Occupancy Sensor	EA	\$117.69	\$128.73	\$0.00	\$246.42
112378	Low Voltage LED Dimmer	EA	\$156.93	\$178.34	\$0.00	\$335.27
112379	Low Voltage Room Controller Kit	EA	\$470.79	\$462.61	\$0.00	\$933.40
112380	L Multilevel switch	EA	\$117.70	\$146.16	\$0.00	\$263.86
112381	Low Voltage Momentary switch	EA	\$117.70	\$116.66	\$0.00	\$234.36
112382	LV System Vacancy Sensor Ceiling	EA	\$117.69	\$118.00	\$0.00	\$235.69
112383	Low Voltage Patient Controller	EA	\$117.70	\$244.04	\$0.00	\$361.74
112384	Low Voltage 3R Photo Cell	EA	\$117.69	\$115.32	\$0.00	\$233.01
112385	Low Voltage Addressable Relay	EA	\$117.70	\$171.64	\$0.00	\$289.34
112386	Low Voltage Lighting Control Panel	EA	\$2,510.86	\$3,841.68	\$0.00	\$6,352.54
112387	Low Voltage Room Interface	EA	\$117.70	\$209.18	\$0.00	\$326.88
112388	Low Voltage Room Relay	EA	\$117.70	\$209.18	\$0.00	\$326.88
112389	Low Voltage LED Dimming Control Station	EA	\$156.93	\$191.75	\$0.00	\$348.68
112390	Crestron TSC 50	EA	\$313.86	\$3,561.43	\$0.00	\$3,875.29

26-10-00 Medium-Voltage Electrical Distribution

26-12-00 Medium-Voltage Transformers

26-12-23 Medium-Voltage Transformers - 15 KV

112391	150 KVA Power Transformer (XFMR) - Medium Voltage (MV), Liquid / Oil Filled, Pad Mount Outdoor. Eaton Cooper 72216 or equal	EA	\$6,591.02	\$68,210.24	\$5,499.30	\$80,300.56
112392	300 KVA Power Transformer (XFMR) - Medium Voltage (MV), Liquid / Oil Filled, Pad Mount Outdoor. Eaton Cooper 72216 or equal	EA	\$6,591.02	\$113,684.18	\$5,499.30	\$125,774.50
112393	500 KVA Power Transformer (XFMR) - Medium Voltage (MV), Liquid / Oil Filled, Pad Mount Outdoor. Eaton Cooper 72216 or equal	EA	\$6,591.02	\$157,642.91	\$5,499.30	\$169,733.23

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		Units	Labor	Material	Equipment	Total
112394	750 KVA Power Transformer (XFMR) - Medium Voltage (MV), Liquid / Oil Filled, Pad Mount Outdoor. Eaton Cooper 72216 or equal	EA	\$6,591.02	\$174,317.00	\$5,499.30	\$186,407.32
112395	150 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$3,766.30	\$17,542.63	\$0.00	\$21,308.93
112396	300 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$3,766.30	\$27,366.55	\$0.00	\$31,132.85
112397	500 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$4,707.87	\$41,811.70	\$0.00	\$46,519.57
112398	750 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$4,707.87	\$47,967.65	\$0.00	\$52,675.52
112399	1000 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$4,707.87	\$57,658.70	\$0.00	\$62,366.57
112400	1500 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$6,277.16	\$74,176.15	\$0.00	\$80,453.31
112401	2000 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$6,277.16	\$109,588.10	\$0.00	\$115,865.26
112402	2500 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$6,277.16	\$130,311.10	\$0.00	\$136,588.26
112403	3000 KVA Wet Transformer (XFMR) - FR3 Oil Filled, 5/15KV Primary to 480/277V Secondary Step Down, Outdoor Pad Mounted	EA	\$6,277.16	\$151,034.10	\$0.00	\$157,311.26

26-13-00 Medium-Voltage Switchgear

26-13-21 Medium-Voltage Switches - 5 KV

112404	5KV Switch S and C PME9	EA	\$6,277.16	\$48,577.15	\$0.00	\$54,854.31
112405	5KV Switch S and C PME6	EA	\$5,021.73	\$41,263.15	\$0.00	\$46,284.88
112406	5KV Switch S and C PME5	EA	\$3,766.30	\$36,277.44	\$0.00	\$40,043.74
112407	15KV 200A Load Break Elbow Equipment Termination for MV Cable	EA	\$136.46	\$387.96	\$0.00	\$524.42

26-20-00 Low-Voltage Electrical Distribution

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		Units	Labor	Material	Equipment	Total
26-22-00 Low-Voltage Transformers						
26-22-13 Low-Voltage Distribution Transformers						
112408	15 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 208V Primary to 480/277V Secondary Step Up, Indoor Enclosure	EA	\$1,255.43	\$2,544.36	\$0.00	\$3,799.79
112409	45 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 208V Primary to 480/277V Secondary Step Up, Indoor Enclosure	EA	\$1,883.15	\$4,769.09	\$0.00	\$6,652.24
112410	75 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 208V Primary to 480/277V Secondary Step Up, Indoor Enclosure	EA	\$3,138.58	\$6,511.59	\$0.00	\$9,650.17
112411	112.5 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 208V Primary to 480/277V Secondary Step Up, Indoor Enclosure	EA	\$2,510.86	\$9,512.95	\$0.00	\$12,023.81
112412	300 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 208V Primary to 480/277V Secondary Step Up, Indoor Enclosure	EA	\$3,138.58	\$23,401.08	\$0.00	\$26,539.66
112413	500 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 208V Primary to 480/277V Secondary Step Up, Indoor Enclosure	EA	\$3,766.30	\$33,945.80	\$0.00	\$37,712.10
112414	9 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$1,151.96	\$0.00	\$2,407.39
112415	15 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$2,175.92	\$0.00	\$3,431.35
112416	30 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$3,409.54	\$0.00	\$4,664.97
112417	45 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$4,289.66	\$0.00	\$6,172.81
112418	75 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$7,232.08	\$0.00	\$9,115.23

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		Units	Labor	Material	Equipment	Total
112419	112.5 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$8,465.22	\$0.00	\$11,603.80
112420	150 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$2,510.86	\$11,049.99	\$0.00	\$13,560.85
112421	225 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$14,730.40	\$0.00	\$17,868.98
112422	300 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$18,890.60	\$0.00	\$22,029.18
112423	500 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,766.30	\$24,713.03	\$0.00	\$28,479.33
112424	750 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$45,719.81	\$0.00	\$48,858.39
112425	1000 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$53,033.81	\$0.00	\$56,172.39
112426	9 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$1,255.43	\$1,533.66	\$0.00	\$2,789.09
112427	15 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$1,255.43	\$2,874.56	\$0.00	\$4,129.99
112428	30 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$1,255.43	\$4,017.68	\$0.00	\$5,273.11
112429	45 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$1,883.15	\$5,395.45	\$0.00	\$7,278.60
112430	75 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$1,883.15	\$8,286.76	\$0.00	\$10,169.91

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		Units	Labor	Material	Equipment	Total
112431	112.5 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$3,138.58	\$9,699.74	\$0.00	\$12,838.32
112432	150 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$2,510.86	\$12,661.45	\$0.00	\$15,172.31
112433	225 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$3,138.58	\$16,878.91	\$0.00	\$20,017.49
112434	500 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$6,277.16	\$35,300.87	\$0.00	\$41,578.03
112435	1000 KVA Dry Transformer (XFMR) - NEMA TP1 Efficiency Type 3R Enclosure, 480V Primary to 208/120V Secondary Step Down, Outdoor Enclosure	EA	\$3,138.58	\$52,387.29	\$0.00	\$55,525.87
112436	15 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$4,891.97	\$0.00	\$6,147.40
112437	30 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$6,834.49	\$0.00	\$8,717.64
112438	45 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$8,226.49	\$0.00	\$10,109.64
112439	75 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$2,510.86	\$12,390.96	\$0.00	\$14,901.82
112440	112.5 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$2,510.86	\$16,507.19	\$0.00	\$19,018.05

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		Units	Labor	Material	Equipment	Total
112441	150 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$2,510.86	\$21,547.17	\$0.00	\$24,058.03
112442	225 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$25,411.33	\$0.00	\$28,549.91
112443	300 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$32,586.28	\$0.00	\$35,724.86
112444	500 KVA Dry Transformer (XFMR) - NEMA CSL3/DOE-2016 Efficiency Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$6,277.16	\$58,963.21	\$0.00	\$65,240.37
26-22-16	Low-Voltage Buck-Boost Transformers					
112445	3 KVA Dry Transformer (XFMR) - Buck Boost, NEMA Type 3R Enclosure, 120V Primary to 277V Secondary Step Up, Outdoor Enclosure	EA	\$313.86	\$920.69	\$0.00	\$1,234.55
112446	15 KVA Dry Transformer (XFMR) - Buck Boost, NEMA Type 3R Enclosure, 208V Primary to 240V Secondary Step Up, Outdoor Enclosure	EA	\$1,255.43	\$1,996.72	\$0.00	\$3,252.15
112447	25 KVA Dry Transformer (XFMR) - Buck Boost, NEMA Type 3R Enclosure, 208V Primary to 240V Secondary Step Up, Outdoor Enclosure	EA	\$1,255.43	\$2,643.28	\$0.00	\$3,898.71
112448	37.5 KVA Dry Transformer (XFMR) - Buck Boost, NEMA Type 3R Enclosure, 208V Primary to 240V Secondary Step Up, Outdoor Enclosure	EA	\$1,255.43	\$3,316.17	\$0.00	\$4,571.60
112449	50 KVA Dry Transformer (XFMR) - Buck Boost, NEMA Type 3R Enclosure, 208V Primary to 240V Secondary Step Up, Outdoor Enclosure	EA	\$1,255.43	\$4,032.94	\$0.00	\$5,288.37
26-22-17	Low-Voltage Transformers for Nonlinear Loads					
112450	15 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$4,061.59	\$0.00	\$5,317.02

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		Units	Labor	Material	Equipment	Total
112451	30 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$6,123.28	\$0.00	\$7,378.71
112452	45 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$7,384.70	\$0.00	\$9,267.85
112453	75 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$11,048.53	\$0.00	\$12,931.68
112454	112.5 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$2,510.86	\$11,330.60	\$0.00	\$13,841.46
112455	150 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$19,238.26	\$0.00	\$22,376.84
112456	225 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$26,718.04	\$0.00	\$29,856.62
112457	300 KVA Dry Transformer (XFMR) - UL K4 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$37,286.41	\$0.00	\$39,169.56
112458	15 KVA Dry Transformer (XFMR) - UL K13 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$4,478.36	\$0.00	\$5,733.79
112459	30 KVA Dry Transformer (XFMR) - UL K13 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,255.43	\$6,717.54	\$0.00	\$7,972.97
112460	45 KVA Dry Transformer (XFMR) - UL K13 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$1,883.15	\$9,669.84	\$0.00	\$11,552.99
112461	75 KVA Dry Transformer (XFMR) - UL K13 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$2,510.86	\$12,181.59	\$0.00	\$14,692.45
112462	112.5 KVA Dry Transformer (XFMR) - UL K13 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$17,812.03	\$0.00	\$20,950.61

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		Units	Labor	Material	Equipment	Total
112463	150 KVA Dry Transformer (XFMR) - UL K13 Rated, NEMA Type 1 Enclosure, 480V Primary to 208/120V Secondary Step Down, Indoor Enclosure	EA	\$3,138.58	\$21,222.30	\$0.00	\$24,360.88
26-24-00 Low-Voltage Switchboards and Panelboards						
26-24-13 Low-Voltage Switchboards						
112464	600A Switchboard w/ Commercial Metering - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Commercial Metering or equal.	EA	\$3,295.51	\$48,136.97	\$0.00	\$51,432.48
112465	400A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$3,295.51	\$24,264.93	\$0.00	\$27,560.44
112466	600A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$3,295.51	\$39,776.46	\$0.00	\$43,071.97
112467	800A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$4,394.01	\$49,586.48	\$0.00	\$53,980.49
112468	1000A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$4,394.01	\$59,396.51	\$0.00	\$63,790.52
112469	1200A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$5,492.52	\$69,206.53	\$0.00	\$74,699.05
112470	1600A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$5,492.52	\$81,300.11	\$0.00	\$86,792.63
112471	2000A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$9,101.88	\$93,393.68	\$0.00	\$102,495.56

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		Units	Labor	Material	Equipment	Total
112472	2500A Switchboard w/ Pre-Installed Breakers - AIC 65 kA Rating, NEMA Type 3R Enclosure, 480/277V 3-Phase Outdoor Enclosure. Eaton Pow-R-Line Xpert or equal.	EA	\$9,101.88	\$105,489.94	\$0.00	\$114,591.82
112473	600A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$2,510.86	\$14,236.70	\$0.00	\$16,747.56
112474	800A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$4,707.87	\$17,752.91	\$0.00	\$22,460.78
112475	1000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$6,277.16	\$23,236.58	\$0.00	\$29,513.74
112476	1200A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$6,277.16	\$32,664.32	\$0.00	\$38,941.48
112477	1600A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$9,415.74	\$53,648.19	\$0.00	\$63,063.93
112478	2000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$12,554.32	\$205,779.39	\$0.00	\$218,333.71
112479	3000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$15,692.90	\$282,830.55	\$0.00	\$298,523.45
112480	4000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$15,692.90	\$341,929.50	\$0.00	\$357,622.40
112481	600A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$1,883.15	\$14,216.59	\$0.00	\$16,099.74
112482	800A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$2,510.86	\$17,890.04	\$0.00	\$20,400.90
112483	1000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$3,138.58	\$39,020.19	\$0.00	\$42,158.77
112484	1200A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$3,138.58	\$31,717.16	\$0.00	\$34,855.74
112485	1600A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$3,766.30	\$46,334.19	\$0.00	\$50,100.49

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		Units	Labor	Material	Equipment	Total
112486	2000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$9,415.74	\$179,010.15	\$0.00	\$188,425.89
112487	2500A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$9,415.74	\$211,502.60	\$0.00	\$220,918.34
112488	3000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$9,415.74	\$238,235.26	\$0.00	\$247,651.00
112489	4000A Switchboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$9,415.74	\$341,929.50	\$0.00	\$351,345.24
112490	600A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$2,510.86	\$9,512.95	\$0.00	\$12,023.81
112491	800A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$4,707.87	\$11,507.79	\$0.00	\$16,215.66
112492	1000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$6,277.16	\$15,756.79	\$0.00	\$22,033.95
112493	1200A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$6,277.16	\$20,136.17	\$0.00	\$26,413.33
112494	1600A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$9,415.74	\$34,121.03	\$0.00	\$43,536.77
112495	2000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$12,554.32	\$138,138.30	\$0.00	\$150,692.62
112496	2500A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$15,692.90	\$146,451.27	\$0.00	\$162,144.17
112497	3000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$14,123.61	\$174,781.26	\$0.00	\$188,904.87
112498	4000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$14,908.26	\$220,090.45	\$0.00	\$234,998.71
112499	600A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$1,883.15	\$8,796.61	\$0.00	\$10,679.76
112500	800A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$2,510.86	\$10,912.00	\$0.00	\$13,422.86

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		Units	Labor	Material	Equipment	Total
112501	1000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$3,138.58	\$15,896.98	\$0.00	\$19,035.56
112502	1200A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$3,138.58	\$21,232.42	\$0.00	\$24,371.00
112503	1600A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$3,766.30	\$31,317.33	\$0.00	\$35,083.63
112504	2000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$9,415.74	\$123,222.62	\$0.00	\$132,638.36
112505	2500A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$9,415.74	\$145,329.79	\$0.00	\$154,745.53
112506	3000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$9,415.74	\$160,217.44	\$0.00	\$169,633.18
112507	4000A Switchboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$9,415.74	\$210,277.50	\$0.00	\$219,693.24
26-24-16 Low-Voltage Panelboards						
112508	100A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$1,883.15	\$2,842.95	\$0.00	\$4,726.10
112509	125A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$1,883.15	\$3,262.10	\$0.00	\$5,145.25
112510	150A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$1,883.15	\$3,476.59	\$0.00	\$5,359.74
112511	225A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$2,510.86	\$4,300.88	\$0.00	\$6,811.74
112512	225A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V, 2 Section Outdoor Enclosure	EA	\$3,138.58	\$4,947.13	\$0.00	\$8,085.71
112513	400A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$3,138.58	\$5,663.47	\$0.00	\$8,802.05
112514	600A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$3,138.58	\$6,182.16	\$0.00	\$9,320.74

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		Units	Labor	Material	Equipment	Total
112515	800A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$3,138.58	\$8,291.94	\$0.00	\$11,430.52
112516	1000A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$6,277.16	\$10,776.02	\$0.00	\$17,053.18
112517	1200A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 480/277V Outdoor Enclosure	EA	\$4,707.87	\$14,929.70	\$0.00	\$19,637.57
112518	100A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$1,255.43	\$2,366.32	\$0.00	\$3,621.75
112519	125A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$1,883.15	\$2,690.15	\$0.00	\$4,573.30
112520	150A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$1,883.15	\$3,079.86	\$0.00	\$4,963.01
112521	225A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$2,510.86	\$3,685.46	\$0.00	\$6,196.32
112522	225A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V, 2 section Outdoor Enclosure	EA	\$3,138.58	\$4,933.11	\$0.00	\$8,071.69
112523	400A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$2,510.86	\$5,572.35	\$0.00	\$8,083.21
112524	600A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$3,138.58	\$7,499.90	\$0.00	\$10,638.48
112525	800A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$3,138.58	\$9,672.76	\$0.00	\$12,811.34
112526	1000A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$4,707.87	\$14,397.00	\$0.00	\$19,104.87
112527	1200A Panelboard - NEMA Type 3R Enclosure, Main Lug Only (MLO), 208/120V Outdoor Enclosure	EA	\$3,766.30	\$17,492.28	\$0.00	\$21,258.58
112528	100A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$1,883.15	\$2,145.44	\$0.00	\$4,028.59
112529	100A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$1,883.15	\$2,572.09	\$0.00	\$4,455.24

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		Units	Labor	Material	Equipment	Total
112530	125A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$1,883.15	\$2,669.61	\$0.00	\$4,552.76
112531	150A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$1,883.15	\$3,490.61	\$0.00	\$5,373.76
112532	225A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$2,510.86	\$3,728.92	\$0.00	\$6,239.78
112533	225A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V, 2 Section Indoor Enclosure	EA	\$3,138.58	\$4,947.13	\$0.00	\$8,085.71
112534	400A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$3,138.58	\$5,663.47	\$0.00	\$8,802.05
112535	600A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$3,138.58	\$6,182.16	\$0.00	\$9,320.74
112536	800A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$3,138.58	\$8,291.94	\$0.00	\$11,430.52
112537	1000A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$6,277.16	\$10,776.02	\$0.00	\$17,053.18
112538	1200A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 480/277V Indoor Enclosure	EA	\$4,707.87	\$14,929.70	\$0.00	\$19,637.57
112539	125A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$1,883.15	\$2,425.81	\$0.00	\$4,308.96
112540	150A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$1,883.15	\$2,779.32	\$0.00	\$4,662.47
112541	225A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$2,510.86	\$3,476.59	\$0.00	\$5,987.45
112542	225A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V, 2 Section Indoor Enclosure	EA	\$3,138.58	\$4,441.06	\$0.00	\$7,579.64
112543	600A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$3,138.58	\$5,341.05	\$0.00	\$8,479.63
112544	800A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$3,138.58	\$7,289.62	\$0.00	\$10,428.20

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		Units	Labor	Material	Equipment	Total
112545	1000A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$4,707.87	\$8,831.66	\$0.00	\$13,539.53
112546	1200A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 480/277V Indoor Enclosure	EA	\$6,277.16	\$12,266.19	\$0.00	\$18,543.35
112547	100A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$1,255.43	\$2,069.13	\$0.00	\$3,324.56
112548	125A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$1,883.15	\$2,269.60	\$0.00	\$4,152.75
112549	150A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$1,883.15	\$2,649.50	\$0.00	\$4,532.65
112550	225A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$2,510.86	\$2,985.25	\$0.00	\$5,496.11
112551	225A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V, 2 section Indoor Enclosure	EA	\$3,138.58	\$4,232.19	\$0.00	\$7,370.77
112552	400A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$3,138.58	\$4,892.46	\$0.00	\$8,031.04
112553	600A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$3,138.58	\$6,532.62	\$0.00	\$9,671.20
112554	800A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$3,138.58	\$8,691.47	\$0.00	\$11,830.05
112555	1000A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$4,707.87	\$13,065.24	\$0.00	\$17,773.11
112556	1200A Panelboard - NEMA Type 1 Enclosure, Main Lug Only (MLO), 208/120V Indoor Enclosure	EA	\$4,707.87	\$14,929.70	\$0.00	\$19,637.57
112557	100A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$1,255.43	\$2,366.32	\$0.00	\$3,621.75
112558	125A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$1,883.15	\$2,690.15	\$0.00	\$4,573.30
112559	150A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$1,883.15	\$3,079.86	\$0.00	\$4,963.01

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		Units	Labor	Material	Equipment	Total
112560	225A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$2,510.86	\$3,685.46	\$0.00	\$6,196.32
112561	225A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V, 2 section Indoor Enclosure	EA	\$3,138.58	\$4,933.11	\$0.00	\$8,071.69
112562	400A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$2,510.86	\$5,572.35	\$0.00	\$8,083.21
112563	600A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$3,138.58	\$7,499.90	\$0.00	\$10,638.48
112564	800A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$3,138.58	\$9,672.76	\$0.00	\$12,811.34
112565	1000A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$4,707.87	\$14,397.00	\$0.00	\$19,104.87
112566	1200A Panelboard - NEMA Type 1 Enclosure, Main Circuit Breaker (MCB), 208/120V Indoor Enclosure	EA	\$3,766.30	\$17,492.28	\$0.00	\$21,258.58
26-24-17	Low-Voltage Panelboards - Isolation and Fused					
112567	5 KVA, 12 Circuit Isolation Panel	EA	\$2,510.86	\$10,654.06	\$0.00	\$13,164.92
112568	7.5 KVA, 16 Circuit Isolation Panel	EA	\$2,510.86	\$13,520.84	\$0.00	\$16,031.70
112569	10 KVA, 16 Circuit Isolation Panel	EA	\$2,510.86	\$16,121.28	\$0.00	\$18,632.14
112570	400A MLO Fused Panel, 480/277V	EA	\$3,138.58	\$6,695.58	\$0.00	\$9,834.16
112571	400A Main Fused Panel, 480/277V	EA	\$3,138.58	\$8,558.51	\$0.00	\$11,697.09
112572	100A MLO Fused Panel, 208/120V	EA	\$1,883.15	\$3,939.61	\$0.00	\$5,822.76
112573	100A Main Fused Panel, 208/120V	EA	\$941.57	\$4,891.20	\$0.00	\$5,832.77
112574	150A MLO Fused Panel, 208/120V	EA	\$1,883.15	\$4,936.13	\$0.00	\$6,819.28
112575	125A Main Fused Panel, 208/120V	EA	\$1,883.15	\$6,008.34	\$0.00	\$7,891.49
112576	250A Main Fused Panel, 208/120V	EA	\$1,883.15	\$8,769.99	\$0.00	\$10,653.14
112577	400A MLO Fused Panel, 208/120V	EA	\$3,138.58	\$5,774.23	\$0.00	\$8,912.81
112578	400A Main Fused Panel, 208/120V	EA	\$3,138.58	\$7,637.29	\$0.00	\$10,775.87
26-24-19	Low-Voltage Motor Control Centers					
112579	400A 480V NEMA 3R Motor Control Center	EA	\$2,510.86	\$15,069.89	\$0.00	\$17,580.75
112580	600A, 480V NEMA 3R Motor Control Center	EA	\$6,277.16	\$27,160.84	\$0.00	\$33,438.00
112581	800A, 480V NEMA 3R Motor Control Center	EA	\$6,277.16	\$37,674.72	\$0.00	\$43,951.88

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		Units	Labor	Material	Equipment	Total
112582	1200A, 480V NEMA 3R Motor Control Center	EA	\$9,415.74	\$51,342.76	\$0.00	\$60,758.50
112583	1600A, 480V NEMA 3R Motor Control Center	EA	\$9,415.74	\$56,424.46	\$0.00	\$65,840.20
112584	2000A, 480V NEMA 3R Motor Control Center	EA	\$12,554.32	\$73,176.57	\$0.00	\$85,730.89
112585	2500A, 208V NEMA 3R Motor Control Center	EA	\$12,554.32	\$78,153.14	\$0.00	\$90,707.46
112586	400A 480V NEMA 1 Motor Control Center	EA	\$2,510.86	\$12,055.91	\$0.00	\$14,566.77
112587	600A, 480V NEMA 1 Motor Control Center	EA	\$6,277.16	\$24,166.68	\$0.00	\$30,443.84
112588	800A, 480V NEMA 1 Motor Control Center	EA	\$6,277.16	\$30,139.78	\$0.00	\$36,416.94
112589	1200A, 480V NEMA 1 Motor Control Center	EA	\$9,415.74	\$41,074.20	\$0.00	\$50,489.94
112590	1600A, 480V NEMA 1 Motor Control Center	EA	\$9,415.74	\$50,015.57	\$0.00	\$59,431.31
112591	2000A, 480V NEMA 1 Motor Control Center	EA	\$12,554.32	\$58,359.02	\$0.00	\$70,913.34
112592	2500A, 208V NEMA 1 Motor Control Center	EA	\$12,554.32	\$62,522.51	\$0.00	\$75,076.83

26-25-00 Low-Voltage Enclosed Bus Assemblies

26-25-13 Low-Voltage Busways

112593	60 Amp 2 pole 208V Busway	LF	\$19.62	\$29.68	\$0.00	\$49.30
112594	60 Amp, 2 Pole, 208V, Busway Connection	EA	\$313.86	\$349.06	\$0.00	\$662.92
112595	60 Amp 2 pole 480V Busway	LF	\$19.62	\$40.09	\$0.00	\$59.71
112596	60A, 2 Pole, 480V, Busway Connection	EA	\$313.86	\$416.70	\$0.00	\$730.56
112597	60 Amp 208V 1Ph Busway	LF	\$19.62	\$26.07	\$0.00	\$45.69
112598	20 Amp Circuit Breaker w/ L5-20 Cord Drop	EA	\$15.70	\$192.05	\$0.00	\$207.75
112599	30 Amp Circuit Breaker	EA	\$15.70	\$235.51	\$0.00	\$251.21
112600	40 Amp Circuit Breaker	EA	\$15.70	\$347.66	\$0.00	\$363.36
112601	50 Amp Circuit Breaker	EA	\$15.70	\$410.74	\$0.00	\$426.44
112602	70 Amp Circuit Breaker	EA	\$15.70	\$480.83	\$0.00	\$496.53
112603	100 Amp 2 pole 208V Busway	LF	\$19.62	\$36.42	\$0.00	\$56.04
112604	100 Amp, 2 Pole, 208V, Busway Connection	EA	\$313.86	\$515.88	\$0.00	\$829.74
112605	100 Amp 2 pole 480V Busway	LF	\$19.62	\$45.29	\$0.00	\$64.91
112606	100 Amp, 2 Pole, 480V, Busway Connection	EA	\$313.86	\$566.35	\$0.00	\$880.21

26-25-15 Low-Voltage Busways - Aluminum

112607	800A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$31.38	\$246.73	\$0.00	\$278.11
112608	1000A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$47.08	\$371.49	\$0.00	\$418.57
112609	1200A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$54.92	\$416.35	\$0.00	\$471.27
112610	1350A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$62.77	\$444.39	\$0.00	\$507.16
112611	1600A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$70.62	\$522.89	\$0.00	\$593.51
112612	2000A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$78.46	\$637.84	\$0.00	\$716.30
112613	3000A, 3Ph, 4 Wire Aluminum Bus Duct	LF	\$156.93	\$710.74	\$0.00	\$867.67

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		Units	Labor	Material	Equipment	Total
26-25-17	Low-Voltage Busways - Copper					
112614	400A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$196.17	\$1,393.44	\$0.00	\$1,589.61
112615	800A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$196.17	\$1,878.48	\$0.00	\$2,074.65
112616	1000A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$313.86	\$2,172.87	\$0.00	\$2,486.73
112617	1200A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$313.86	\$3,112.11	\$0.00	\$3,425.97
112618	1600A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$313.86	\$3,770.98	\$0.00	\$4,084.84
112619	2000A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$313.86	\$4,570.03	\$0.00	\$4,883.89
112620	2500A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$313.86	\$5,158.81	\$0.00	\$5,472.67
112621	3000A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$470.79	\$5,593.38	\$0.00	\$6,064.17
112622	4000A, 3Ph, 4 Wire Copper Bus Duct 90	EA	\$627.72	\$7,401.77	\$0.00	\$8,029.49
112623	225A, 3Ph, 4 Wire Copper Bus Duct	LF	\$27.46	\$189.25	\$0.00	\$216.71
112624	400A, 3Ph, 4 Wire Copper Bus Duct	LF	\$34.52	\$276.16	\$0.00	\$310.68
112625	600A, 3Ph, 4 Wire Copper Bus Duct	LF	\$34.52	\$287.38	\$0.00	\$321.90
112626	800A, 3Ph, 4 Wire Copper Bus Duct	LF	\$39.24	\$378.50	\$0.00	\$417.74
112627	1000A, 3Ph, 4 Wire Copper Bus Duct	LF	\$52.57	\$434.57	\$0.00	\$487.14
112628	1200A, 3Ph, 4 Wire Copper Bus Duct	LF	\$41.83	\$686.91	\$0.00	\$728.74
112629	1350A, 3Ph, 4 Wire Copper Bus Duct	LF	\$48.25	\$658.87	\$0.00	\$707.12
112630	1600A, 3Ph, 4 Wire Copper Bus Duct	LF	\$57.04	\$902.67	\$0.00	\$959.71
112631	2000A, 3Ph, 4 Wire Copper Bus Duct	LF	\$69.29	\$1,177.55	\$0.00	\$1,246.84
112632	2500A, 3Ph, 4 Wire Copper Bus Duct	LF	\$86.31	\$1,107.46	\$0.00	\$1,193.77
112633	3000A, 3Ph, 4 Wire Copper Bus Duct	LF	\$94.16	\$1,373.81	\$0.00	\$1,467.97
112634	4000A, 3Ph, 4 Wire Copper Bus Duct	LF	\$117.70	\$2,359.31	\$0.00	\$2,477.01
112635	5000A, 3Ph, 4 Wire Copper Bus Duct	LF	\$142.65	\$2,831.74	\$0.00	\$2,974.39
112636	1000A, 3Ph, 4 Wire Weather proof Copper Bus Duct	LF	\$47.08	\$556.53	\$0.00	\$603.61
112637	1600A, 3Ph, 4 Wire Weather proof Copper Bus Duct	LF	\$62.77	\$883.17	\$0.00	\$945.94
112638	2000A, 3Ph, 4 Wire Weather proof Copper Bus Duct	LF	\$70.62	\$1,317.74	\$0.00	\$1,388.36
112639	3000A, 3Ph, 4 Wire Weather proof Copper Bus Duct	LF	\$94.16	\$1,626.15	\$0.00	\$1,720.31
112640	4000A, 3Ph, 4 Wire Weather proof Copper Bus Duct	LF	\$117.70	\$2,144.83	\$0.00	\$2,262.53
112641	225A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$313.86	\$1,990.63	\$0.00	\$2,304.49
112642	400A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$470.79	\$2,186.89	\$0.00	\$2,657.68

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		Units	Labor	Material	Equipment	Total
112643	600A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$627.72	\$2,397.16	\$0.00	\$3,024.88
112644	800A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$627.72	\$2,551.37	\$0.00	\$3,179.09
112645	1000A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$784.64	\$2,789.68	\$0.00	\$3,574.32
112646	1200A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$941.57	\$2,985.94	\$0.00	\$3,927.51
112647	1350A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$941.57	\$3,196.22	\$0.00	\$4,137.79
112648	1600A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$1,255.43	\$3,672.85	\$0.00	\$4,928.28
112649	2000A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$1,255.43	\$4,317.70	\$0.00	\$5,573.13
112650	2500A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$1,883.15	\$5,242.92	\$0.00	\$7,126.07
112651	3000A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$1,883.15	\$6,504.58	\$0.00	\$8,387.73
112652	4000A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$2,510.86	\$6,504.58	\$0.00	\$9,015.44
112653	5000A, 3Ph, 4 Wire Busway Tap Box Connection	EA	\$2,510.86	\$7,345.69	\$0.00	\$9,856.55
26-27-00 Low-Voltage Distribution Equipment						
26-27-26 Wiring Devices						
112654	6" x 4" x 4" Impact Resistant Hinged Cover Box	EA	\$252.74	\$51.92	\$0.00	\$304.66
112655	Harmony Xb4BA42-Red Reset Switch	EA	\$252.74	\$49.70	\$0.00	\$302.44
112656	RJ 45 Panel Mounted Connector	EA	\$252.74	\$78.08	\$0.00	\$330.82
112657	Engraved SS Plate w/Tamper Proof Screws	EA	\$23.54	\$8.03	\$0.00	\$31.57
112658	Duplex Receptacle 125 V, 15 or 20 A	EA	\$78.46	\$11.74	\$0.00	\$90.20
112659	Duplex Receptacle - GFCI 125 V, 15 or 20 A	EA	\$98.08	\$20.19	\$0.00	\$118.27
112660	Duplex Receptacle - GFCI, Tamper Resistant 125 V, 15 or 20 A	EA	\$156.93	\$23.79	\$0.00	\$180.72
112661	Duplex Receptacle - w/Integrated USB 125 V, 15 or 20 A	EA	\$117.69	\$32.18	\$0.00	\$149.87
112662	Duplex Receptacle - Surge Protector Outlet 125 V, 15 or 20 A	EA	\$117.69	\$67.92	\$0.00	\$185.61
112663	Duplex Receptacle - Tamper Resistant, Isolated Ground (Orange) 125 V, 15 or 20 A	EA	\$156.93	\$23.73	\$0.00	\$180.66
112664	Duplex Receptacle - Arc Fault 125 V, 15 or 20 A	EA	\$94.16	\$95.41	\$0.00	\$189.57
112665	Duplex Receptacle - Hospital Grade 125 V, 15 or 20 A	EA	\$78.46	\$20.78	\$0.00	\$99.24
112666	Duplex Receptacle - Hospital Grade, Tamper Resistant 125 V, 15 or 20 A	EA	\$156.93	\$23.19	\$0.00	\$180.12
112667	Duplex Receptacle - Hospital Grade, GFCI 125 V, 15 or 20 A	EA	\$98.08	\$32.85	\$0.00	\$130.93

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		Units	Labor	Material	Equipment	Total
112668	Duplex Receptacle - Hospital Grade, GFCI, Luminated and Tamper Resistant 125 V, 15 or 20 A	EA	\$156.93	\$36.96	\$0.00	\$193.89
112669	Quad Receptacle 125 V, 15 or 20 A	EA	\$117.69	\$39.34	\$0.00	\$157.03
112670	Quad Receptacle - Hospital Grade 125 V, 15 or 20 A	EA	\$117.69	\$64.14	\$0.00	\$181.83
112671	Ceiling Service Panel Connectors	EA	\$117.69	\$34.86	\$0.00	\$152.55
112672	Plug Load Relay	EA	\$78.46	\$63.02	\$0.00	\$141.48
112673	L5-20 Twist Lock Receptacle/Plug	EA	\$156.93	\$48.48	\$0.00	\$205.41
112674	L5-5P Twist Lock Receptacle/Plug	EA	\$78.46	\$16.80	\$0.00	\$95.26
112675	L5-30P Twist Lock Receptacle/Plug	EA	\$117.69	\$30.16	\$0.00	\$147.85
112676	Special Purpose Outlet	EA	\$117.70	\$42.91	\$0.00	\$160.61
112677	Bussmannn STY	EA	\$117.69	\$69.73	\$0.00	\$187.42
112678	Access Flooring Floor Box	EA	\$117.70	\$207.84	\$0.00	\$325.54
112679	Weather Resistant Receptacle in Water Tight Bell Box	EA	\$156.93	\$92.52	\$0.00	\$249.45
112680	Floor Cores	EA	\$156.93	\$181.02	\$0.00	\$337.95
112681	EPO Button w/enclosure	EA	\$156.93	\$384.84	\$0.00	\$541.77
112682	4P Ground Fault Module	EA	\$117.69	\$131.41	\$0.00	\$249.10
112683	Hammer Drill Floor	EA	\$78.46	\$6.70	\$0.00	\$85.16
112684	1 Pole 20A Motor rated Switch w/Cover	EA	\$235.39	\$99.23	\$0.00	\$334.62
112685	Class 1 Division 1, Receptacle	EA	\$156.93	\$395.57	\$0.00	\$552.50
112686	Hubbell HBLPP Power Pole	EA	\$313.86	\$532.34	\$0.00	\$846.20
112687	Nelson LT-MP Power Connection Kit	EA	\$78.46	\$4.36	\$0.00	\$82.82
112688	Nelson End Caps	EA	\$19.62	\$2.95	\$0.00	\$22.57
112689	Nelson Self Regulating Heat Trace	LF	\$3.92	\$12.41	\$0.00	\$16.33
112690	50 Amp 250V 3Ph Twist Lock	EA	\$117.69	\$128.67	\$0.00	\$246.36
112691	10-20R Amp 250/125V 1Ph with Neutral Twist Lock Receptacle	EA	\$117.69	\$60.96	\$0.00	\$178.65
112692	L5-20 Amp 125V Explosion Proof Plug	EA	\$117.69	\$412.45	\$0.00	\$530.14
112693	L5-20R Amp 125V Explosion Proof Receptacle	EA	\$117.69	\$355.01	\$0.00	\$472.70
112694	L15-20R Amp 250V 3Ph 4W Twist Lock Receptacle/Plug	EA	\$117.69	\$66.94	\$0.00	\$184.63
112695	10-50R Amp 125/250V 3Ph 4W Twist Lock Receptacle/Plug	EA	\$156.93	\$155.48	\$0.00	\$312.41
112696	L16-50R Amp 250V 3Ph 4W Twist Lock Receptacle/Plug	EA	\$156.93	\$192.04	\$0.00	\$348.97
112697	L15-20R Amp 250V 3Ph Twist Lock Receptacle/Plug	EA	\$78.46	\$58.67	\$0.00	\$137.13
112698	L11-60 Amp 480V 3Ph Twist Lock Plug	EA	\$117.69	\$118.85	\$0.00	\$236.54
112699	L15-30R Amp 208V 3Ph Twist Lock Receptacle/Plug	EA	\$117.69	\$70.70	\$0.00	\$188.39
112700	L17-30 Amp 3Ph 480V Twist Lock Receptacle/Plug	EA	\$78.46	\$107.15	\$0.00	\$185.61
112701	L17-50 Amp 3Ph 480V Twist Lock Receptacle/Plug	EA	\$78.46	\$194.02	\$0.00	\$272.48
112702	5-20R Amp 125V 1Ph Twist Lock Receptacle/Plug	EA	\$78.46	\$19.44	\$0.00	\$97.90

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		Units	Labor	Material	Equipment	Total
112703	5-30R Amp 125V 1Ph Twist Lock Receptacle/Plug	EA	\$86.31	\$55.71	\$0.00	\$142.02
112704	L6-20R Amp 250V 1Ph Twist Lock Receptacle/Plug	EA	\$117.69	\$51.30	\$0.00	\$168.99
112705	L6-30R Amp 250V 1Ph Twist Lock Receptacle/Plug	EA	\$117.69	\$61.68	\$0.00	\$179.37
112706	L6-40 40Amp 250V 1Ph Twist Lock Receptacle/Plug	EA	\$117.69	\$62.02	\$0.00	\$179.71
112707	L16-20R Amp 480V 3Ph 20A Twist Lock Receptacle/Plug	EA	\$117.69	\$81.33	\$0.00	\$199.02
112708	L16-30R Amp 480V 3Ph 30A Twist Lock Receptacle/Plug	EA	\$117.69	\$87.05	\$0.00	\$204.74
112709	L16-40R Amp 480V 3Ph 40A Twist Lock Receptacle/Plug	EA	\$117.69	\$97.82	\$0.00	\$215.51
26-27-33 Power Distribution Units						
112710	5KVA Mini Power Zone	EA	\$313.86	\$1,985.87	\$0.00	\$2,299.73
112711	7.5KVA Mini Power Zone	EA	\$313.86	\$3,700.88	\$0.00	\$4,014.74
112712	10KVA Mini Power Zone	EA	\$313.86	\$4,392.79	\$0.00	\$4,706.65
112713	15KVA Mini Power Zone	EA	\$313.86	\$6,378.66	\$0.00	\$6,692.52
112714	5KVA 3R Mini Power Zone	EA	\$470.79	\$2,482.01	\$0.00	\$2,952.80
112715	7.5KVA 3R Mini Power Zone	EA	\$470.79	\$4,626.10	\$0.00	\$5,096.89
112716	10KVA 3R Mini Power Zone	EA	\$470.79	\$5,490.99	\$0.00	\$5,961.78
112717	15KVA 3R Mini Power Zone	EA	\$470.79	\$7,972.99	\$0.00	\$8,443.78
112718	Terminal Block (4 Position)	EA	\$60.65	\$4.34	\$0.00	\$64.99
112719	200A MCB Power Wall, 480/277V	EA	\$2,510.86	\$9,761.75	\$0.00	\$12,272.61
112720	400A MCB Power Wall, 480/277V	EA	\$3,766.30	\$14,213.54	\$0.00	\$17,979.84
112721	600A MCB Power Wall, 480/277V	EA	\$5,021.73	\$16,627.16	\$0.00	\$21,648.89
112722	800A MCB Power Wall, 480/277V	EA	\$5,021.73	\$18,638.51	\$0.00	\$23,660.24
112723	400A MCB Power Wall, 208/120V	EA	\$3,766.30	\$13,087.18	\$0.00	\$16,853.48
112724	600A MCB Power Wall, 208/120V	EA	\$5,021.73	\$16,077.39	\$0.00	\$21,099.12
112725	800A MCB Power Wall, 208/120V	EA	\$5,021.73	\$18,075.33	\$0.00	\$23,097.06
26-28-00 Low-Voltage Circuit Protective Devices						
26-28-11 Low-Voltage Fuses						
112726	Little Fuse KLKR 30A	EA	\$10.09	\$22.88	\$0.00	\$32.97
112727	20A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$50.14	\$0.00	\$89.38
112728	30A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$52.82	\$0.00	\$92.06
112729	40A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$59.61	\$0.00	\$98.85
112730	50A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$83.60	\$0.00	\$122.84
112731	60A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$106.47	\$0.00	\$145.71
112732	70A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$109.15	\$0.00	\$148.39
112733	80A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$126.02	\$0.00	\$165.26
112734	100A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$187.65	\$0.00	\$226.89
112735	125A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$187.53	\$0.00	\$226.77
112736	800A, 600V, Set of 3 Motor Rated Fuses	EA	\$156.93	\$849.31	\$0.00	\$1,006.24
112737	600A, 600V, Set of 3 Current Limiting Fuses	EA	\$39.24	\$230.04	\$0.00	\$269.28
112738	400A, 600V, Set of 3 Motor Rated Fuses	EA	\$39.24	\$412.83	\$0.00	\$452.07

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		Units	Labor	Material	Equipment	Total
112739	250A, 600V, Set of 3 Motor Rated Fuses	EA	\$78.46	\$200.96	\$0.00	\$279.42
112740	350 A, 250V, Set of 3 Motor Rated Fuses	EA	\$78.46	\$178.86	\$0.00	\$257.32
112741	20A, 250V, Set of 2 Motor Rated Fuses	EA	\$39.24	\$37.55	\$0.00	\$76.79
112742	25A, 250V, Set of 2 Motor Rated Fuses	EA	\$39.24	\$37.55	\$0.00	\$76.79
112743	30A, 250V, Set of 3 Motor Rated Fuses	EA	\$39.24	\$68.39	\$0.00	\$107.63
112744	90A, 250V, Set of 3 Motor Rated Fuses	EA	\$39.24	\$81.79	\$0.00	\$121.03
112745	40A, 250V, Set of 3 Motor Rated Fuses	EA	\$39.24	\$64.36	\$0.00	\$103.60
112746	175A, 600V, Set of 3 Motor Rated Fuses	EA	\$39.24	\$233.32	\$0.00	\$272.56
112747	200A, 600V, Motor Rated Fuses Set of 3	EA	\$39.24	\$278.74	\$0.00	\$317.98
26-28-12 Low-Voltage Circuit Breakers- 10AIC						
112748	20A 120V, 1Ph 10AIC Arc Fault Circuit Interrupter Breaker	EA	\$78.46	\$57.48	\$0.00	\$135.94
112749	20A 120V, 1Ph 10AIC GFCI Breaker	EA	\$78.46	\$51.87	\$0.00	\$130.33
112750	20A 120V, 1Ph 10AIC Breaker	EA	\$78.46	\$42.04	\$0.00	\$120.50
112751	30A 120V, 1Ph 10AIC Breaker	EA	\$78.46	\$72.90	\$0.00	\$151.36
112752	40A 120V, 1Ph 10AIC Breaker	EA	\$78.46	\$88.32	\$0.00	\$166.78
112753	50A 120V, 1Ph 10AIC Breaker	EA	\$78.46	\$107.94	\$0.00	\$186.40
112754	20A 277V, 1Ph 10AIC Breaker	EA	\$78.46	\$75.70	\$0.00	\$154.16
112755	30A 277V, 1Ph 10AIC Breaker	EA	\$78.46	\$109.34	\$0.00	\$187.80
112756	20A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$110.05	\$0.00	\$266.98
112757	30A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$135.98	\$0.00	\$292.91
112758	40A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$169.62	\$0.00	\$326.55
112759	50A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$185.04	\$0.00	\$341.97
112760	60A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$264.95	\$0.00	\$421.88
112761	80A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$318.22	\$0.00	\$475.15
112762	100A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$318.22	\$0.00	\$475.15
112763	400A 208V, 1Ph 10AIC Breaker	EA	\$156.93	\$1,591.10	\$0.00	\$1,748.03
112764	20A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$357.47	\$0.00	\$514.40
112765	30A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$378.50	\$0.00	\$535.43
112766	40A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$392.52	\$0.00	\$549.45
112767	60A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$395.32	\$0.00	\$552.25
112768	70A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$427.56	\$0.00	\$584.49
112769	80A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$483.64	\$0.00	\$640.57
112770	100A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$552.33	\$0.00	\$709.26
112771	125A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$605.60	\$0.00	\$762.53
112772	150A 208V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$783.63	\$0.00	\$940.56
112773	20A 480V, 1Ph 10AIC Breaker	EA	\$156.93	\$137.38	\$0.00	\$294.31
112774	30A 480V, 1Ph 10AIC Breaker	EA	\$156.93	\$171.03	\$0.00	\$327.96
112775	40A 480V, 1Ph 10AIC Breaker	EA	\$156.93	\$208.52	\$0.00	\$365.45
112776	50A 480V, 1Ph 10AIC Breaker	EA	\$156.93	\$231.31	\$0.00	\$388.24

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		Units	Labor	Material	Equipment	Total
112777	60A 480V, 1Ph 10AIC Breaker	EA	\$156.93	\$264.95	\$0.00	\$421.88
112778	80A 480V, 1Ph 10AIC Breaker	EA	\$156.93	\$397.77	\$0.00	\$554.70
112779	15A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$346.26	\$0.00	\$503.19
112780	20A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$388.31	\$0.00	\$545.24
112781	30A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$457.00	\$0.00	\$613.93
112782	40A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$559.34	\$0.00	\$716.27
112783	50A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$581.77	\$0.00	\$738.70
112784	70A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$625.23	\$0.00	\$782.16
112785	80A 480V, 3Ph 10AIC Circuit Breaker	EA	\$156.93	\$678.50	\$0.00	\$835.43
26-28-13 Low-Voltage Circuit Breakers- 25AIC						
112786	20A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$454.20	\$0.00	\$611.13
112787	30A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$462.61	\$0.00	\$619.54
112788	40A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$504.67	\$0.00	\$661.60
112789	60A 208V, 25AIC 3Ph Circuit Breaker	EA	\$156.93	\$474.39	\$0.00	\$631.32
112790	70A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$513.08	\$0.00	\$670.01
112791	80A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$580.37	\$0.00	\$737.30
112792	100A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$662.79	\$0.00	\$819.72
112793	125A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$726.72	\$0.00	\$883.65
112794	150A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$940.36	\$0.00	\$1,097.29
112795	200A 208V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$1,105.22	\$0.00	\$1,262.15
112796	20A 480V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$486.44	\$0.00	\$643.37
112797	30A 480V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$571.95	\$0.00	\$728.88
112798	40A 480V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$699.52	\$0.00	\$856.45
112799	50A 480V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$727.56	\$0.00	\$884.49
112800	70A 480V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$782.23	\$0.00	\$939.16
112801	80A 480V, 3Ph 25AIC Circuit Breaker	EA	\$156.93	\$848.12	\$0.00	\$1,005.05
112802	100A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$156.93	\$960.27	\$0.00	\$1,117.20
112803	125A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$156.93	\$971.48	\$0.00	\$1,128.41
112804	150A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$156.93	\$1,111.67	\$0.00	\$1,268.60
112805	175A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$156.93	\$1,149.52	\$0.00	\$1,306.45
112806	200A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$156.93	\$1,373.81	\$0.00	\$1,530.74

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		Units	Labor	Material	Equipment	Total
112807	225A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$156.93	\$1,373.81	\$0.00	\$1,530.74
112808	300A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$313.86	\$1,453.72	\$0.00	\$1,767.58
112809	350A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$313.86	\$1,794.37	\$0.00	\$2,108.23
112810	400A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$313.86	\$2,355.11	\$0.00	\$2,668.97
112811	500A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$313.86	\$4,355.55	\$0.00	\$4,669.41
112812	600A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$627.72	\$2,953.70	\$0.00	\$3,581.42
112813	800A 480V, 3Ph 25AIC Distribution Circuit Breaker	EA	\$627.72	\$5,283.57	\$0.00	\$5,911.29
26-28-14 Low-Voltage Circuit Breakers- 42AIC						
112814	100A Frame 40A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$1,760.72	\$0.00	\$1,917.65
112815	100A Frame 50A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$1,760.72	\$0.00	\$1,917.65
112816	100A Frame 60A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$1,760.72	\$0.00	\$1,917.65
112817	100A Frame 80A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$1,760.72	\$0.00	\$1,917.65
112818	100A Frame 100A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$1,760.72	\$0.00	\$1,917.65
112819	250A Frame 150A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,230.09	\$0.00	\$4,387.02
112820	250A Frame 175A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,230.09	\$0.00	\$4,387.02
112821	250A Frame 200A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,230.09	\$0.00	\$4,387.02
112822	250A Frame 225A Trip 208V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,230.09	\$0.00	\$4,387.02
112823	400A Frame 400A Trip 208V 3Ph 42AIC Breaker	EA	\$156.93	\$5,820.83	\$0.00	\$5,977.76
112824	600A Frame 600A Trip, 208V 3Ph 42AIC Breaker	EA	\$470.79	\$8,071.72	\$0.00	\$8,542.51
112825	800A Frame 800A Trip 208V, 3Ph 42AIC Breaker	EA	\$313.86	\$10,282.16	\$0.00	\$10,596.02
112826	1000A Frame 1000A Trip 208V, 3Ph 42AIC Breaker	EA	\$627.72	\$13,542.22	\$0.00	\$14,169.94
112827	100A Frame 40A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$2,200.90	\$0.00	\$2,357.83
112828	100A Frame 50A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$2,200.90	\$0.00	\$2,357.83
112829	100A Frame 60A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$2,200.90	\$0.00	\$2,357.83
112830	100A Frame 80A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$2,200.90	\$0.00	\$2,357.83
112831	100A Frame 100A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$2,200.90	\$0.00	\$2,357.83
112832	250A Frame 150A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,977.26	\$0.00	\$5,134.19
112833	250A Frame 175A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,977.26	\$0.00	\$5,134.19
112834	250A Frame 200A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,977.26	\$0.00	\$5,134.19
112835	250A Frame 225A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,977.26	\$0.00	\$5,134.19

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		Units	Labor	Material	Equipment	Total
112836	250A Frame 250A Trip 480V, 3Ph 42AIC Breaker	EA	\$156.93	\$4,977.26	\$0.00	\$5,134.19
112837	400A Frame 400A Trip, 480V 3Ph 42AIC Breaker	EA	\$156.93	\$6,848.04	\$0.00	\$7,004.97
112838	500A Frame 500A Trip, 480V 3Ph 42AIC Breaker	EA	\$156.93	\$7,819.52	\$0.00	\$7,976.45
112839	600A Frame 600A Trip, 480V 3Ph 42AIC Breaker	EA	\$470.79	\$9,496.13	\$0.00	\$9,966.92
112840	800A Frame 800A Trip 480V, 3Ph 42AIC Breaker	EA	\$313.86	\$12,591.42	\$0.00	\$12,905.28
112841	1000A Frame 1000A Trip 480V, 3Ph 42AIC Breaker	EA	\$627.72	\$15,932.03	\$0.00	\$16,559.75
26-28-15 Low-Voltage Circuit Breakers- 65AIC						
112842	100A Frame 100A Trip 208V, 3Ph 65AIC Breaker	EA	\$156.93	\$1,760.72	\$0.00	\$1,917.65
112843	250A Frame 250A Trip 208V, 3Ph 65AIC Breaker	EA	\$156.93	\$4,370.27	\$0.00	\$4,527.20
112844	400A Frame 400A Trip, 208V 3Ph 65AIC Breaker	EA	\$156.93	\$5,820.83	\$0.00	\$5,977.76
112845	600A Frame 600A Trip, 208V 3Ph 65AIC Breaker	EA	\$313.86	\$8,071.72	\$0.00	\$8,385.58
112846	800A Frame 800A Trip 208V, 3Ph 65AIC Breaker	EA	\$313.86	\$10,282.16	\$0.00	\$10,596.02
112847	1000A Frame 1000A Trip 208V, 3Ph 65AIC Breaker	EA	\$627.72	\$13,542.22	\$0.00	\$14,169.94
112848	100A Frame 100A Trip 480V, 3Ph 65AIC Breaker	EA	\$156.93	\$2,200.90	\$0.00	\$2,357.83
112849	250A Frame 250A Trip 480V, 3Ph 65AIC Breaker	EA	\$156.93	\$4,977.26	\$0.00	\$5,134.19
112850	400A Frame 400A Trip, 480V 3Ph 65AIC Breaker	EA	\$156.93	\$6,848.04	\$0.00	\$7,004.97
112851	500A Frame 500A Trip, 480V 3Ph 65AIC Breaker	EA	\$156.93	\$7,819.52	\$0.00	\$7,976.45
112852	600A Frame 600A Trip, 480V 3Ph 65AIC Breaker	EA	\$470.79	\$9,496.13	\$0.00	\$9,966.92
112853	800A Frame 800A Trip 480V, 3Ph 65AIC Breaker	EA	\$313.86	\$12,591.42	\$0.00	\$12,905.28
112854	1000A Frame 1000A Trip 480V, 3Ph 65AIC Breaker	EA	\$627.72	\$15,932.03	\$0.00	\$16,559.75
112855	100A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$1,837.29	\$0.00	\$1,994.22
112856	125A 208V, 3Ph LSIG 65AIC Circuit Breaker	EA	\$156.93	\$2,118.20	\$0.00	\$2,275.13
112857	150A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$2,191.09	\$0.00	\$2,348.02
112858	175A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$2,436.42	\$0.00	\$2,593.35
112859	200A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$3,950.41	\$0.00	\$4,107.34
112860	250A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$4,746.66	\$0.00	\$4,903.59
112861	400A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$6,368.60	\$0.00	\$6,525.53
112862	450A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$7,125.60	\$0.00	\$7,282.53
112863	800A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$9,301.27	\$0.00	\$9,458.20
112864	1200A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$12,524.13	\$0.00	\$12,681.06

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		Units	Labor	Material	Equipment	Total
112865	1600A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$14,739.71	\$0.00	\$14,896.64
112866	2000A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$20,241.31	\$0.00	\$20,555.17
112867	2500A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$24,727.23	\$0.00	\$25,041.09
112868	3000A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$30,334.63	\$0.00	\$30,648.49
112869	4000A 208V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$33,987.85	\$0.00	\$34,301.71
112870	100A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$2,041.45	\$0.00	\$2,198.38
112871	125A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$2,354.75	\$0.00	\$2,511.68
112872	150A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$2,435.01	\$0.00	\$2,591.94
112873	175A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$2,707.33	\$0.00	\$2,864.26
112874	200A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$4,389.19	\$0.00	\$4,546.12
112875	250A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$5,275.16	\$0.00	\$5,432.09
112876	400A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$7,075.84	\$0.00	\$7,232.77
112877	450A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$7,916.95	\$0.00	\$8,073.88
112878	800A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$10,335.49	\$0.00	\$10,492.42
112879	1200A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$13,139.19	\$0.00	\$13,296.12
112880	1600A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$156.93	\$16,377.46	\$0.00	\$16,534.39
112881	2000A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$21,643.16	\$0.00	\$21,957.02
112882	2500A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$26,129.08	\$0.00	\$26,442.94
112883	3000A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$31,736.48	\$0.00	\$32,050.34
112884	4000A 480V, 3Ph 65AIC LSIG Circuit Breaker	EA	\$313.86	\$35,389.70	\$0.00	\$35,703.56
26-28-16 Low-Voltage Disconnects- 250V						
112885	30A Fused Disconnect-250V	EA	\$117.69	\$111.70	\$0.00	\$229.39
112886	60A Fused Disconnect-250V	EA	\$156.93	\$345.95	\$0.00	\$502.88
112887	100A Fused Disconnect-250V	EA	\$235.39	\$545.75	\$0.00	\$781.14
112888	200A Fused Disconnect-250V	EA	\$313.86	\$710.68	\$0.00	\$1,024.54
112889	400A Fused Disconnect-250V	EA	\$313.86	\$1,407.94	\$0.00	\$1,721.80
112890	600A Fused Disconnect-250V	EA	\$627.72	\$4,583.20	\$0.00	\$5,210.92
112891	30A Fused Disconnect-250V 3R	EA	\$117.69	\$209.18	\$0.00	\$326.87
112892	60A Fused Disconnect-250V 3R	EA	\$156.93	\$427.75	\$0.00	\$584.68
112893	100A Fused Disconnect-250V 3R	EA	\$235.39	\$639.61	\$0.00	\$875.00
112894	200A Fused Disconnect-250V 3R	EA	\$313.86	\$1,196.08	\$0.00	\$1,509.94
112895	400A Fused Disconnect-250V 3R	EA	\$470.79	\$1,769.99	\$0.00	\$2,240.78
112896	600A Fused Disconnect-250V 3R	EA	\$627.72	\$3,088.09	\$0.00	\$3,715.81
112897	800A Fused Disconnect-250V 3R	EA	\$313.86	\$3,566.79	\$0.00	\$3,880.65
112898	1200A Fused Disconnect-250V	EA	\$1,255.43	\$13,006.73	\$0.00	\$14,262.16
112899	1600A Fused Disconnect-250V	EA	\$1,255.43	\$16,761.25	\$0.00	\$18,016.68
112900	2000A Fused Disconnect-250V	EA	\$1,883.15	\$20,112.16	\$0.00	\$21,995.31
112901	2500A Fused Disconnect-250V	EA	\$1,255.43	\$21,504.01	\$0.00	\$22,759.44
112902	3000A Fused Disconnect-250V	EA	\$1,255.43	\$21,504.01	\$0.00	\$22,759.44

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		Units	Labor	Material	Equipment	Total
112903	4000A Fused Disconnect-250V	EA	\$1,883.15	\$22,911.96	\$0.00	\$24,795.11
112904	30A Non-Fused disconnect-250V	EA	\$117.69	\$83.14	\$0.00	\$200.83
112905	60A Non-Fused Disconnect-250V	EA	\$156.93	\$94.13	\$0.00	\$251.06
112906	100A Non-Fused Disconnect-250V	EA	\$313.86	\$349.97	\$0.00	\$663.83
112907	200A Non-Fused Disconnect-250V	EA	\$117.69	\$400.93	\$0.00	\$518.62
112908	400A Non-Fused Disconnect-250V	EA	\$156.93	\$992.27	\$0.00	\$1,149.20
112909	600A Non-Fused Disconnect-250V	EA	\$313.86	\$1,904.08	\$0.00	\$2,217.94
112910	30A Non-Fused Disconnect-250V 3R	EA	\$156.93	\$172.17	\$0.00	\$329.10
112911	60A Non-Fused Disconnect-250V 3R	EA	\$54.92	\$199.79	\$0.00	\$254.71
112912	100A Non-Fused Disconnect-250V 3R	EA	\$78.46	\$370.09	\$0.00	\$448.55
112913	200A Non-Fused Disconnect-250V 3R	EA	\$117.69	\$659.72	\$0.00	\$777.41
112914	400A Non-Fused Disconnect-250V 3R	EA	\$156.93	\$1,330.17	\$0.00	\$1,487.10
112915	600A Non-Fused Disconnect-250V 3R	EA	\$1,255.43	\$2,373.39	\$0.00	\$3,628.82
112916	1000A Non-Fused Disconnect-250V 3R	EA	\$1,883.15	\$14,441.49	\$0.00	\$16,324.64
112917	250A, 3Ph, 4 Wire Plug in 250V	EA	\$235.39	\$3,199.02	\$0.00	\$3,434.41
112918	100A, 3Ph, 4 Wire Plug in 250V	EA	\$156.93	\$1,790.16	\$0.00	\$1,947.09
112919	200A, 3Ph, 4 Wire Plug in 250V	EA	\$235.39	\$2,789.68	\$0.00	\$3,025.07
112920	400A, 3Ph, 4 Wire Plug in 250V	EA	\$313.86	\$3,925.18	\$0.00	\$4,239.04
112921	800A, 3Ph, 4 Wire Plug in 250V	EA	\$549.25	\$7,808.30	\$0.00	\$8,357.55
26-28-18 Low-Voltage Disconnects- 600V						
112922	100A, 3Ph, 4 Wire Plug in 600V	EA	\$156.93	\$1,359.79	\$0.00	\$1,516.72
112923	250A, 3Ph, 4 Wire Plug in 600V	EA	\$39.24	\$385.51	\$0.00	\$424.75
112924	300A, 3Ph, 4 Wire Plug in 600V	EA	\$39.24	\$525.69	\$0.00	\$564.93
112925	400A, 3Ph, 4 Wire Plug in 600V	EA	\$39.24	\$953.26	\$0.00	\$992.50
112926	500A, 3Ph, 4 Wire Plug in 600V	EA	\$78.46	\$869.15	\$0.00	\$947.61
112927	600A, 3Ph, 4 Wire Plug in 600V	EA	\$156.93	\$3,953.22	\$0.00	\$4,110.15
112928	30A Fused Disconnect - 600V	EA	\$313.86	\$221.25	\$0.00	\$535.11
112929	60A Fused Disconnect - 600V	EA	\$313.86	\$358.02	\$0.00	\$671.88
112930	100A Fused Disconnect - 600V	EA	\$313.86	\$610.11	\$0.00	\$923.97
112931	200A Fused Disconnect - 600V	EA	\$313.86	\$1,500.47	\$0.00	\$1,814.33
112932	400A Fused Disconnect - 600V	EA	\$627.72	\$2,306.35	\$0.00	\$2,934.07
112933	600A Fused Disconnect -600V	EA	\$1,255.43	\$2,042.19	\$0.00	\$3,297.62
112934	1600A Fused Disconnect-600V	EA	\$3,766.30	\$11,172.38	\$0.00	\$14,938.68
112935	30A Fused Disconnect- 600V 3R	EA	\$313.86	\$423.72	\$0.00	\$737.58
112936	60A Fused Disconnect 600V 3R	EA	\$313.86	\$502.84	\$0.00	\$816.70
112937	100A Fused Disconnect - 600V 3R	EA	\$313.86	\$784.43	\$0.00	\$1,098.29
112938	1000A Fused Disconnect-600V 3R	EA	\$1,255.43	\$10,968.56	\$0.00	\$12,223.99
112939	200A Fused Disconnect-600V 3R	EA	\$313.86	\$2,011.35	\$0.00	\$2,325.21
112940	400A Fused Disconnect-600V 3R	EA	\$470.79	\$2,614.76	\$0.00	\$3,085.55
112941	600A Fused Disconnect-600V 3R	EA	\$1,255.43	\$5,177.21	\$0.00	\$6,432.64
112942	800A Fused Disconnect-600V 3R	EA	\$1,255.43	\$6,503.36	\$0.00	\$7,758.79
112943	1200A Fused Disconnect-600V	EA	\$2,510.86	\$10,459.02	\$0.00	\$12,969.88
112944	2000A Fused Disconnect-600V 3R	EA	\$2,510.86	\$22,929.39	\$0.00	\$25,440.25
112945	2500A Fused Disconnect-600V 3R	EA	\$2,510.86	\$29,633.89	\$0.00	\$32,144.75

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		Units	Labor	Material	Equipment	Total
112946	30A Non-Fused Disconnect 600V	EA	\$156.93	\$185.04	\$0.00	\$341.97
112947	60A Non-Fused Disconnect-600V	EA	\$215.77	\$234.66	\$0.00	\$450.43
112948	800A Non-Fused Disconnect-600V	EA	\$470.79	\$4,693.15	\$0.00	\$5,163.94
112949	1200A Non-Fused disconnect-600V	EA	\$1,255.43	\$6,394.75	\$0.00	\$7,650.18
112950	1600A Non-Fused Disconnect-600V	EA	\$1,255.43	\$7,736.99	\$0.00	\$8,992.42
112951	30A Non-Fused Disconnect 600V 4X	EA	\$313.86	\$371.43	\$0.00	\$685.29
112952	30A Non-Fused Disconnect 600V N4X - Stainless Steel	EA	\$313.86	\$1,407.08	\$0.00	\$1,720.94
112953	60A Non-Fused Disconnect-600V 3R	EA	\$313.86	\$427.75	\$0.00	\$741.61
112954	60A Non-Fused Disconnect 600V N4X - Stainless Steel	EA	\$313.86	\$1,668.65	\$0.00	\$1,982.51
112955	100A Non-Fused Disconnect-600V 3R	EA	\$78.46	\$583.29	\$0.00	\$661.75
112956	200A Non-Fused Disconnect-600V 3R	EA	\$117.69	\$710.68	\$0.00	\$828.37
112957	400A Non-Fused Disconnect-600V 3R	EA	\$156.93	\$1,810.22	\$0.00	\$1,967.15
112958	600A Non-Fused Disconnect-600V 3R	EA	\$313.86	\$3,633.84	\$0.00	\$3,947.70
112959	800A Non-Fused Disconnect-600V 3R	EA	\$470.79	\$6,181.55	\$0.00	\$6,652.34
112960	1200A Non-Fused Disconnect-600V 3R	EA	\$2,510.86	\$8,487.90	\$0.00	\$10,998.76
112961	800A, 3Ph, 4 Wire Plug in 600V	EA	\$235.39	\$7,205.51	\$0.00	\$7,440.90
112962	60A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$235.39	\$807.47	\$0.00	\$1,042.86
112963	100A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$235.39	\$1,128.49	\$0.00	\$1,363.88
112964	200A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$627.72	\$4,275.64	\$0.00	\$4,903.36
112965	225A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$313.86	\$2,488.28	\$0.00	\$2,802.14
112966	400A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$470.79	\$4,556.01	\$0.00	\$5,026.80
112967	600A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$1,255.43	\$6,700.84	\$0.00	\$7,956.27
112968	800A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$627.72	\$8,607.36	\$0.00	\$9,235.08
112969	1000A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$1,883.15	\$11,325.55	\$0.00	\$13,208.70
112970	1200A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$1,883.15	\$13,836.26	\$0.00	\$15,719.41
112971	1600A, 600V, 3Ph, 4 Wire Plug in Circuit Breaker	EA	\$156.93	\$20,845.51	\$0.00	\$21,002.44
26-29-11 Non-Fussed 250V						
112972	1P Manual Motor Starter, 120-240V Switch Includes 15.13 - 16.00 AMP full motor overload heater element	EA	\$114.09	\$175.19	\$0.00	\$289.28

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		Units	Labor	Material	Equipment	Total
112973	7.5 HP, 280V, 102/60V Coil Includes red run/green stop pilot lights, start/stop PB, H-O-A SEI.SE with CPT, NEMA 1 enclosure FVNR combo starter	EA	\$384.41	\$3,051.51	\$0.00	\$3,435.92
26-30-00 Facility Electrical Power Generating and Storing Equipment						
26-32-00 Packaged Generator Assemblies						
26-32-11 Generators- Natural Gas						
112974	20KW Natural Gas Generator	EA	\$2,510.86	\$19,288.85	\$0.00	\$21,799.71
112975	30KW Natural Gas Generator	EA	\$2,510.86	\$24,482.15	\$0.00	\$26,993.01
112976	40KW Natural Gas Generator	EA	\$2,510.86	\$34,914.35	\$0.00	\$37,425.21
112977	50KW Natural Gas Generator	EA	\$3,138.58	\$39,110.03	\$0.00	\$42,248.61
112978	60KW Natural Gas Generator	EA	\$6,277.16	\$46,417.94	\$0.00	\$52,695.10
112979	70KW Natural Gas Generator	EA	\$3,138.58	\$71,669.76	\$0.00	\$74,808.34
112980	80KW Natural Gas Generator	EA	\$4,707.87	\$88,377.38	\$0.00	\$93,085.25
112981	130KW Natural Gas Generator	EA	\$4,707.87	\$109,787.53	\$0.00	\$114,495.40
112982	100KW Natural Gas/Propane Generator	EA	\$4,707.87	\$73,277.50	\$0.00	\$77,985.37
112983	125KW Natural Gas Generator	EA	\$4,707.87	\$113,088.82	\$0.00	\$117,796.69
112984	150KW Natural Gas/Propane Generator	EA	\$4,707.87	\$119,641.80	\$0.00	\$124,349.67
112985	175KW Natural Gas/Propane Generator	EA	\$4,707.87	\$158,353.59	\$0.00	\$163,061.46
112986	200KW Natural Gas/Propane Generator	EA	\$4,707.87	\$103,258.69	\$0.00	\$107,966.56
112987	250KW Natural Gas/Propane Generator	EA	\$6,277.16	\$230,890.91	\$0.00	\$237,168.07
112988	300KW Natural Gas/Propane Generator	EA	\$7,846.45	\$318,329.66	\$0.00	\$326,176.11
112989	350KW Natural Gas/Propane Generator	EA	\$7,846.45	\$320,944.42	\$0.00	\$328,790.87
112990	400KW Natural Gas/Propane Generator	EA	\$9,415.74	\$508,670.42	\$0.00	\$518,086.16
112991	7.5KW Natural Gas Residential Generator	EA	\$1,255.43	\$2,680.46	\$0.00	\$3,935.89
112992	11KW Natural Gas Residential Generator	EA	\$1,255.43	\$3,887.27	\$0.00	\$5,142.70
112993	16KW Natural Gas Residential Generator	EA	\$1,255.43	\$5,362.26	\$0.00	\$6,617.69
26-32-12 Generators- Diesel						
112994	30KW Diesel Generator - 120/208V @ 60 Hz UL 2200, NFPA 110 Level 1, EPA Certified. Kohler 30REOZK or Equal	EA	\$6,591.02	\$49,354.51	\$5,499.30	\$61,444.83
112995	50KW Diesel Generator	EA	\$2,510.86	\$26,347.34	\$0.00	\$28,858.20
112996	60KW Diesel Generator	EA	\$3,138.58	\$37,353.45	\$0.00	\$40,492.03
112997	75KW Diesel Generator	EA	\$3,138.58	\$40,037.93	\$0.00	\$43,176.51
112998	100KW Diesel Generator	EA	\$3,766.30	\$65,488.22	\$0.00	\$69,254.52
112999	125KW Diesel Generator	EA	\$3,766.30	\$82,614.68	\$0.00	\$86,380.98
113000	150KW Diesel Generator	EA	\$4,707.87	\$89,876.26	\$0.00	\$94,584.13
113001	200KW Diesel Generator	EA	\$4,707.87	\$106,259.62	\$0.00	\$110,967.49
113002	250KW Diesel Generator	EA	\$6,277.16	\$135,332.77	\$0.00	\$141,609.93
113003	300KW Diesel Generator	EA	\$6,591.02	\$131,079.68	\$0.00	\$137,670.70
113004	350KW Diesel Generator	EA	\$6,277.16	\$160,977.31	\$0.00	\$167,254.47
113005	400KW Diesel Generator	EA	\$7,846.45	\$131,219.13	\$0.00	\$139,065.58
113006	450KW Diesel Generator	EA	\$9,101.88	\$172,346.85	\$0.00	\$181,448.73
113007	500KW Diesel Generator	EA	\$10,985.03	\$230,554.10	\$0.00	\$241,539.13

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		Units	Labor	Material	Equipment	Total
113008	600KW Diesel Generator	EA	\$11,612.75	\$290,724.34	\$0.00	\$302,337.09
113009	750KW Diesel Generator	EA	\$12,868.18	\$315,355.30	\$0.00	\$328,223.48
113010	800KW Diesel Generator	EA	\$12,868.18	\$359,848.80	\$0.00	\$372,716.98
113011	1000KW Diesel Generator	EA	\$12,554.32	\$433,432.88	\$0.00	\$445,987.20
113012	1250KW Diesel Generator	EA	\$12,554.32	\$534,617.93	\$0.00	\$547,172.25
113013	1500KW Diesel Generator	EA	\$15,692.90	\$625,681.37	\$0.00	\$641,374.27
113014	1750KW Diesel Generator	EA	\$15,692.90	\$652,633.46	\$0.00	\$668,326.36
113015	2000KW Diesel Generator	EA	\$15,692.90	\$772,113.02	\$0.00	\$787,805.92
113016	2500KW Diesel Generator	EA	\$15,692.90	\$1,007,485.22	\$0.00	\$1,023,178.12
113017	4000KW Diesel Generator	EA	\$18,831.48	\$1,544,224.32	\$0.00	\$1,563,055.80
113018	50KW Tier 4 Diesel Generator	EA	\$2,510.86	\$36,886.82	\$0.00	\$39,397.68
113019	60KW Tier 4 Diesel Generator	EA	\$3,138.58	\$52,293.76	\$0.00	\$55,432.34
113020	75KW Tier 4 Diesel Generator	EA	\$3,138.58	\$56,057.67	\$0.00	\$59,196.25
113021	100KW Tier 4 Diesel Generator	EA	\$3,766.30	\$72,911.44	\$0.00	\$76,677.74
113022	150KW Tier 4 Diesel Generator	EA	\$4,707.87	\$91,643.81	\$0.00	\$96,351.68
113023	200KW Tier 4 Diesel Generator	EA	\$4,707.87	\$111,218.27	\$0.00	\$115,926.14
113024	250KW Tier 4 Diesel Generator	EA	\$6,277.16	\$129,052.24	\$0.00	\$135,329.40
113025	300KW Tier 4 Diesel Generator	EA	\$6,591.02	\$164,738.95	\$0.00	\$171,329.97
113026	350KW Tier 4 Diesel Generator	EA	\$7,061.80	\$157,047.55	\$0.00	\$164,109.35
113027	400KW Tier 4 Diesel Generator	EA	\$7,846.45	\$183,707.32	\$0.00	\$191,553.77
113028	450KW Tier 4 Diesel Generator	EA	\$9,101.88	\$190,088.67	\$0.00	\$199,190.55
113029	500KW Tier 4 Diesel Generator	EA	\$10,985.03	\$288,643.47	\$0.00	\$299,628.50
113030	600KW Tier 4 Diesel Generator	EA	\$11,612.75	\$321,683.25	\$0.00	\$333,296.00
113031	750KW Tier 4 Diesel Generator	EA	\$12,868.18	\$407,365.42	\$0.00	\$420,233.60
113032	1000KW Tier 4 Diesel Generator	EA	\$7,846.45	\$470,390.40	\$0.00	\$478,236.85
113033	1500KW Tier 4 Diesel Generator	EA	\$9,415.74	\$875,953.65	\$0.00	\$885,369.39
113034	2000KW Tier 4 Diesel Generator	EA	\$15,692.90	\$1,080,958.49	\$0.00	\$1,096,651.39
113035	2500KW Tier 4 Diesel Generator	EA	\$15,692.90	\$1,410,479.30	\$0.00	\$1,426,172.20
26-32-14 Generators- CoGen						
113036	1 MW MV CoGen Turbine	EA	\$18,831.48	\$2,197,064.53	\$0.00	\$2,215,896.01
113037	1750 KW MV CoGen Turbine	EA	\$18,831.48	\$2,672,474.53	\$0.00	\$2,691,306.01
113038	2 MW MV CoGen Turbine	EA	\$18,831.48	\$3,065,876.67	\$0.00	\$3,084,708.15
113039	3 MW MV CoGen Turbine	EA	\$18,831.48	\$4,326,322.67	\$0.00	\$4,345,154.15
113040	100 KW Tecogen CoGen Turbine	EA	\$9,415.74	\$633,880.00	\$0.00	\$643,295.74
113041	225 KW Tecogen CoGen Turbine	EA	\$9,415.74	\$1,426,230.00	\$0.00	\$1,435,645.74
113042	350 KW Tecogen CoGen Turbine	EA	\$12,554.32	\$2,218,580.00	\$0.00	\$2,231,134.32
26-32-16 Generator Accessories						
113043	Emergency Power Off Button	EA	\$156.93	\$118.85	\$0.00	\$275.78
113044	Battery Charger	EA	\$627.72	\$4,778.48	\$0.00	\$5,406.20
113045	3R Sound Attenuation Enclosure (Factory)	EA	\$627.72	\$9,995.80	\$0.00	\$10,623.52
113046	Jacket Heater	EA	\$313.86	\$1,172.68	\$0.00	\$1,486.54
113047	Remote Annunciator and Control Package	EA	\$1,883.15	\$4,205.55	\$0.00	\$6,088.70
113048	Block Heater	EA	\$313.86	\$1,318.96	\$0.00	\$1,632.82
26-32-17 Generator Support Items						
113049	200A Generator Roll Up Box	EA	\$1,883.15	\$3,130.39	\$0.00	\$5,013.54
113050	400A Generator Roll Up Box	EA	\$2,510.86	\$4,154.35	\$0.00	\$6,665.21
113051	600A Generator Roll Up Box	EA	\$2,510.86	\$4,797.98	\$0.00	\$7,308.84
113052	800A Generator Roll Up Box	EA	\$2,510.86	\$7,723.58	\$0.00	\$10,234.44
113053	1000A Generator Roll Up Box	EA	\$3,138.58	\$10,649.18	\$0.00	\$13,787.76
113054	1200A Generator Roll Up Box	EA	\$3,138.58	\$12,111.98	\$0.00	\$15,250.56
113055	1600A Generator Roll Up Box	EA	\$3,766.30	\$15,037.58	\$0.00	\$18,803.88
113056	2000A Generator Roll Up Box	EA	\$4,237.08	\$22,351.58	\$0.00	\$26,588.66
113057	3000A Generator Roll Up Box	EA	\$4,707.87	\$26,739.98	\$0.00	\$31,447.85
113058	4000A Generator Roll Up Box	EA	\$4,707.87	\$31.74	\$0.00	\$4,739.61
26-32-18 Generator Load Banks						
113059	100KW Load Bank	EA	\$627.72	\$5,068.60	\$0.00	\$5,696.32

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		Units	Labor	Material	Equipment	Total
113060	250KW Load Bank	EA	\$941.57	\$11,852.34	\$0.00	\$12,793.91
113061	250KW ASCO Avtron 4500 Stationary 3R Load Bank	EA	\$1,883.15	\$20,698.62	\$0.00	\$22,581.77
113062	350KW Load Bank	EA	\$941.57	\$14,412.24	\$0.00	\$15,353.81
113063	500KW Load Bank	EA	\$1,255.43	\$15,871.38	\$0.00	\$17,126.81
113064	750KW Load Bank	EA	\$1,883.15	\$22,866.31	\$0.00	\$24,749.46
113065	800KW Load Bank	EA	\$1,883.15	\$23,403.89	\$0.00	\$25,287.04
113066	1000KW Load Bank	EA	\$1,883.15	\$40,017.64	\$0.00	\$41,900.79
113067	1250KW Load Bank	EA	\$3,766.30	\$171,852.49	\$0.00	\$175,618.79
113068	1500KW Load Bank	EA	\$1,883.15	\$49,489.27	\$0.00	\$51,372.42
113069	2500KW Load Bank	EA	\$2,510.86	\$65,616.64	\$0.00	\$68,127.50
26-32-19 Generator Paralleling and EDP						
113070	400A, 208/120V MCB 4 Section EDP	EA	\$3,138.58	\$13,369.99	\$0.00	\$16,508.57
113071	400A, 480/277V MCB 4 Section EDP	EA	\$3,138.58	\$10,736.95	\$0.00	\$13,875.53
113072	600A, 480/277V MCB 4 Section EDP	EA	\$3,138.58	\$13,662.55	\$0.00	\$16,801.13
113073	800A, 480/277V MCB 4 Section EDP	EA	\$3,138.58	\$23,902.15	\$0.00	\$27,040.73
113074	1000A, 480/277V MCB 4 Section EDP	EA	\$3,766.30	\$34,141.75	\$0.00	\$37,908.05
113075	1200A, 480/277V MCB 4 Section EDP	EA	\$4,707.87	\$41,485.01	\$0.00	\$46,192.88
113076	1600A, 480/277V MCB 4 Section EDP	EA	\$4,707.87	\$52,192.70	\$0.00	\$56,900.57
113077	2000A 480/277V MCB, 4 Section EDP	EA	\$9,415.74	\$167,739.28	\$0.00	\$177,155.02
113078	2400A 480/277V MCB, 4 Section EDP	EA	\$9,415.74	\$274,523.68	\$0.00	\$283,939.42
113079	3000A 480/277V MCB, 4 Section EDP	EA	\$12,554.32	\$314,019.28	\$0.00	\$326,573.60
113080	1000A Paralleling Gear, 480/ 277V	EA	\$9,415.74	\$95,228.28	\$0.00	\$104,644.02
113081	1600A Paralleling Gear, 480/ 277V	EA	\$9,415.74	\$139,112.28	\$0.00	\$148,528.02
113082	2000A Paralleling Gear, 480/ 277V	EA	\$9,415.74	\$153,740.28	\$0.00	\$163,156.02
113083	2500A Paralleling Gear, 480/ 277V	EA	\$15,692.90	\$243,995.04	\$0.00	\$259,687.94
113084	3000A Paralleling Gear, 208/120V	EA	\$9,415.74	\$127,263.60	\$0.00	\$136,679.34
113085	4000A Paralleling Gear, 480/ 277V	EA	\$14,123.61	\$639,975.00	\$0.00	\$654,098.61
26-32-21 Generator Transfer Switches						
113086	100A Dual Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, 277/480V 3-Phase ASCO Series 300 or Equal.	EA	\$8,160.31	\$12,517.30	\$5,499.30	\$26,176.91
113087	150A Dual Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, 277/480V 3-Phase ASCO Series 300 or Equal.	EA	\$8,160.31	\$15,803.85	\$5,499.30	\$29,463.46

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		Units	Labor	Material	Equipment	Total
113088	400A Dual Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, 277/480V 3-Phase ASCO Series 300 or Equal.	EA	\$8,160.31	\$23,825.11	\$5,499.30	\$37,484.72
113089	800A Dual Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, 277/480V 3-Phase ASCO Series 300 or Equal.	EA	\$8,160.31	\$34,898.26	\$5,499.30	\$48,557.87
113090	400A Automatic Transfer Switch (ATS) w/ Dual-Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, AIC 65 kA Rating, 277/480V 3-Phase TRYSTAR TATS-3 or Equal.	EA	\$8,160.31	\$40,416.07	\$5,499.30	\$54,075.68
113091	600A Automatic Transfer Switch (ATS) w/ Dual-Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, AIC 65 kA Rating, 277/480V 3-Phase TRYSTAR TATS-3 or Equal.	EA	\$8,160.31	\$52,732.23	\$5,499.30	\$66,391.84
113092	1200A Automatic Transfer Switch (ATS) w/ Dual-Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, AIC 65 kA Rating, 277/480V 3-Phase TRYSTAR TATS-3 or Equal.	EA	\$10,200.38	\$98,537.38	\$5,499.30	\$114,237.06
113093	2500A Automatic Transfer Switch (ATS) w/ Dual-Purpose Generator Docking Station & Load Bank Connection - NEMA Type 3R Enclosure, AIC 65 kA Rating, 277/480V 3-Phase TRYSTAR TATS-3 or Equal.	EA	\$12,240.46	\$205,568.02	\$5,499.30	\$223,307.78
113094	100A Automatic Transfer Switch (ATS) - NEMA Type 1 Enclosure, AIC 65 kA Rating, 208/120V 3-Phase Closed Transition, ATC-900 Rated. Eaton CTC9C5 or Equal.	EA	\$2,824.72	\$16,430.05	\$0.00	\$19,254.77
113095	400A Automatic Transfer Switch (ATS) - NEMA Type 1 Enclosure, AIC 65 kA Rating, 208/120V 3-Phase Closed Transition, ATC-900 Rated. Eaton CTC9C5 or Equal.	EA	\$3,295.51	\$22,044.40	\$0.00	\$25,339.91
113096	600A Automatic Transfer Switch (ATS) - NEMA Type 1 Enclosure, AIC 65 kA Rating, 208/120V 3-Phase Closed Transition, ATC-900 Rated. Eaton CTC9C5 or Equal.	EA	\$3,295.51	\$29,175.30	\$0.00	\$32,470.81
113097	40 A ASCO Series 300 Automatic Transfer Switch Basic Automatic Transfer Switch	EA	\$627.72	\$1,175.97	\$0.00	\$1,803.69

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		Units	Labor	Material	Equipment	Total
113098	60 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,255.43	\$1,548.74	\$0.00	\$2,804.17
113099	100 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,255.43	\$2,949.98	\$0.00	\$4,205.41
113100	150 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,255.43	\$3,991.86	\$0.00	\$5,247.29
113101	250 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,255.43	\$5,319.35	\$0.00	\$6,574.78
113102	400 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,255.43	\$6,457.77	\$0.00	\$7,713.20
113103	800 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,883.15	\$10,480.47	\$0.00	\$12,363.62
113104	1000 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,883.15	\$12,357.73	\$0.00	\$14,240.88
113105	1200 A ASCO Series 300 Automatic Transfer Switch	EA	\$1,883.15	\$20,096.07	\$0.00	\$21,979.22
113106	70 A 4000 ASCO Automatic Transfer Switch	EA	\$627.72	\$2,145.44	\$0.00	\$2,773.16
113107	100 A 4000 ASCO Automatic Transfer Switch	EA	\$1,255.43	\$3,003.62	\$0.00	\$4,259.05
113108	200 A 4000 ASCO Automatic Transfer Switch	EA	\$2,510.86	\$4,133.99	\$0.00	\$6,644.85
113109	150 A 4000 ASCO Automatic Transfer Switch	EA	\$1,255.43	\$4,129.97	\$0.00	\$5,385.40
113110	260 A 4000 ASCO Automatic Transfer Switch	EA	\$1,255.43	\$7,509.04	\$0.00	\$8,764.47
113111	400 A 4000 ASCO Automatic Transfer Switch	EA	\$1,883.15	\$8,845.92	\$0.00	\$10,729.07
113112	600 A 4000 ASCO Automatic Transfer Switch	EA	\$2,510.86	\$11,692.65	\$0.00	\$14,203.51
113113	800 A 4000 ASCO Automatic Transfer Switch	EA	\$2,510.86	\$13,311.11	\$0.00	\$15,821.97
113114	1000 A 4000 ASCO Automatic Transfer Switch	EA	\$1,883.15	\$17,273.47	\$0.00	\$19,156.62
113115	1200A 4000 ASCO Automatic Transfer Switch	EA	\$3,138.58	\$19,687.09	\$0.00	\$22,825.67
113116	1600A 4000 ASCO Automatic Transfer Switch	EA	\$3,766.30	\$24,153.63	\$0.00	\$27,919.93
113117	2600 A 4000 ASCO Automatic Transfer Switch	EA	\$3,766.30	\$47,347.18	\$0.00	\$51,113.48
113118	3000 A 4000 ASCO Automatic Transfer Switch	EA	\$4,707.87	\$56,561.84	\$0.00	\$61,269.71
113119	4000 A 4000 ASCO Automatic Transfer Switch	EA	\$6,277.16	\$63,266.34	\$0.00	\$69,543.50
113120	70 A 7000 ASCO Automatic Transfer Switch	EA	\$2,510.86	\$9,360.82	\$0.00	\$11,871.68
113121	100 A 7000 ASCO Automatic Transfer Switch	EA	\$2,510.86	\$16,674.82	\$0.00	\$19,185.68
113122	150 A 7000 ASCO Automatic Transfer Switch	EA	\$2,510.86	\$22,769.82	\$0.00	\$25,280.68
113123	260 A 7000 ASCO Automatic Transfer Switch	EA	\$1,883.15	\$39,712.09	\$0.00	\$41,595.24

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		Units	Labor	Material	Equipment	Total
113124	400 A 7000 ASCO Automatic Transfer Switch	EA	\$3,138.58	\$40,543.45	\$0.00	\$43,682.03
113125	600 A 7000 ASCO Automatic Transfer Switch	EA	\$3,766.30	\$43,740.16	\$0.00	\$47,506.46
113126	800 A 7000 ASCO Automatic Transfer Switch	EA	\$3,138.58	\$46,121.60	\$0.00	\$49,260.18
113127	1000A 7000 ASCO Automatic Transfer Switch	EA	\$3,138.58	\$58,463.24	\$0.00	\$61,601.82
113128	1200A 7000 ASCO Automatic Transfer Switch	EA	\$3,138.58	\$69,994.98	\$0.00	\$73,133.56
113129	1600A 7000 ASCO Automatic Transfer Switch	EA	\$3,138.58	\$82,709.39	\$0.00	\$85,847.97
113130	2000 A 7000 ASCO Automatic Transfer Switch	EA	\$3,766.30	\$91,425.24	\$0.00	\$95,191.54
113131	400 A Fire Control Transfer Switch	EA	\$3,138.58	\$40,543.70	\$0.00	\$43,682.28
113132	200 A Enclosed 4 Pole MTS	EA	\$1,883.15	\$4,022.70	\$0.00	\$5,905.85
113133	400 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$5,119.80	\$0.00	\$7,630.66
113134	600 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$7,650.44	\$0.00	\$10,161.30
113135	800 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$11,117.28	\$0.00	\$13,628.14
113136	1000 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$14,018.50	\$0.00	\$16,529.36
113137	1200 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$15,481.30	\$0.00	\$17,992.16
113138	1600 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$20,332.92	\$0.00	\$22,843.78
113139	2000 A Enclosed 4 Pole MTS	EA	\$2,510.86	\$24,121.57	\$0.00	\$26,632.43
26-33-00 Battery Equipment						
26-33-25 Inverters						
113140	400 VA 120V / 120V 1Ph Inverter 90 Minute Support Bodine ELI-S-400 or Equal	EA	\$313.86	\$2,959.24	\$0.00	\$3,273.10
113141	10 KVA 120V / 120V 1Ph Inverter 90 Minute Support	EA	\$1,255.43	\$44,926.24	\$0.00	\$46,181.67
113142	6 KVA 277V / 277V 1Ph Inverter 90 Minute Support CEPS-A-6000VA or Equal	EA	\$1,255.43	\$8,850.85	\$0.00	\$10,106.28
113143	10 KVA 277V / 277V 1Ph Inverter 90 Minute Support	EA	\$1,255.43	\$12,887.82	\$0.00	\$14,143.25
113144	15 KVA 277V / 277V 1Ph Inverter 90 Minute Support	EA	\$1,883.15	\$35,838.60	\$0.00	\$37,721.75
113145	50 KVA 277V / 277V 1Ph Inverter 90 Minute Support	EA	\$1,883.15	\$58,877.70	\$0.00	\$60,760.85
26-33-53 Static Uninterruptible Power Supply						
113146	5KVA 480/277V 3Ph UPS Battery	EA	\$78.46	\$625.35	\$0.00	\$703.81
113147	10KVA 208/120V 3Ph UPS	EA	\$1,255.43	\$11,186.76	\$0.00	\$12,442.19
113148	15KVA 208/120V 3Ph UPS	EA	\$1,255.43	\$17,222.03	\$0.00	\$18,477.46
113149	16KW 208/120V 1 Ph UPS	EA	\$1,255.43	\$17,369.53	\$0.00	\$18,624.96
113150	30KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$28,317.37	\$0.00	\$30,828.23
113151	40KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$33,367.69	\$0.00	\$35,878.55
113152	50KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$35,229.53	\$0.00	\$37,740.39
113153	60KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$35,976.35	\$0.00	\$38,487.21
113154	75KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$49,457.27	\$0.00	\$51,968.13
113155	80KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$63,508.68	\$0.00	\$66,019.54
113156	100KVA 480/277V 3Ph UPS	EA	\$2,510.86	\$61,437.60	\$0.00	\$63,948.46
113157	125KVA 480/277V 3Ph UPS	EA	\$3,138.58	\$80,229.70	\$0.00	\$83,368.28
113158	150KVA 480/277V 3Ph UPS	EA	\$3,138.58	\$117,973.54	\$0.00	\$121,112.12
113159	160KVA 480/277V 3Ph UPS	EA	\$3,138.58	\$133,534.14	\$0.00	\$136,672.72
113160	225KVA 480/277V 3Ph UPS	EA	\$3,138.58	\$159,993.75	\$0.00	\$163,132.33
113161	375KVA 480/277V 3Ph UPS	EA	\$3,138.58	\$320,883.46	\$0.00	\$324,022.04
113162	250KVA 480/277V 3Ph UPS w/ Bypass	EA	\$3,138.58	\$203,128.06	\$0.00	\$206,266.64

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		Units	Labor	Material	Equipment	Total
113163	300KVA 480V 3Ph UPS w/ Bypass	EA	\$3,766.30	\$281,140.41	\$0.00	\$284,906.71
113164	400KVA 480/277V 3Ph UPS w/ Bypass	EA	\$6,277.16	\$303,348.15	\$0.00	\$309,625.31
113165	500KVA 480V/3Ph UPS w/ Bypass	EA	\$6,277.16	\$410,818.85	\$0.00	\$417,096.01
113166	750KW 480V/3Ph UPS w/ Bypass	EA	\$12,554.32	\$565,225.92	\$0.00	\$577,780.24
113167	1000KW 480V/3Ph UPS w/ Bypass	EA	\$15,692.90	\$1,041,399.01	\$0.00	\$1,057,091.91
113168	2200 VA 208V 3Ph Rack Mount UPS	EA	\$156.93	\$1,781.69	\$0.00	\$1,938.62
113169	5000 VA 208V 3Ph Rack Mounted UPS	EA	\$156.93	\$4,842.05	\$0.00	\$4,998.98
113170	8000 VA 208V 3Ph Rack Mount UPS	EA	\$156.93	\$7,560.66	\$0.00	\$7,717.59
113171	10,000 VA 208V 1Ph Rack Mount UPS	EA	\$1,255.43	\$9,704.58	\$0.00	\$10,960.01
26-33-55 Rotary Uninterruptible Power Supply						
113172	275KVA 480V/3Ph Rotary UPS	EA	\$3,138.58	\$265,077.64	\$0.00	\$268,216.22
113173	275KVA 480V/3Ph Hybrid UPS	EA	\$4,707.87	\$316,275.64	\$0.00	\$320,983.51
113174	300KVA 480/3Ph Rotary UPS	EA	\$4,707.87	\$459,502.05	\$0.00	\$464,209.92
113175	600KVA (N+1) 3Ph Rotary UPS	EA	\$6,277.16	\$731,504.22	\$0.00	\$737,781.38
113176	500KVA 480V/3Ph Rotary UPS	EA	\$6,277.16	\$393,072.64	\$0.00	\$399,349.80
26-40-00 Electrical Protection						
26-41-00 Facility Lightning Protection						
26-41-13 Lightning Protection for Structures						
113177	Remove Existing Lightning Protection Cable	LF	\$1.52	\$0.00	\$0.00	\$1.52
113178	Remove Existing Air Terminal and Base	EA	\$76.05	\$0.00	\$0.00	\$76.05
113179	Removal Of Lightning Suppression Bare Braded #2 Copper	LF	\$0.05	\$0.00	\$0.00	\$0.05
113180	Ground Clamps	EA	\$39.24	\$19.89	\$0.00	\$59.13
113181	Clamps (T-Splicer)	EA	\$61.61	\$27.07	\$0.00	\$88.68
113182	Clamps (2" U-Pipe)	EA	\$57.75	\$32.57	\$0.00	\$90.32
113183	BI-Metal Parallel Splicer	EA	\$57.75	\$36.68	\$0.00	\$94.43
113184	Base Adhesive (case)	EA	\$313.86	\$208.60	\$0.00	\$522.46
113185	Bare Braded #2 Copper	LF	\$3.14	\$3.44	\$0.00	\$6.58
113186	Bare Braded #2 Aluminum	LF	\$3.14	\$2.12	\$0.00	\$5.26
113187	Bare Copper Down Lead	LF	\$3.14	\$5.90	\$0.00	\$9.04
113188	Copper Air Terminals 1/2" X 12 w/Base	EA	\$156.93	\$102.03	\$0.00	\$258.96
113189	3/4" X 10' Ground Rod	EA	\$196.17	\$64.95	\$0.00	\$261.12
113190	Tinned Copper Braded Cable	LF	\$1.56	\$3.78	\$0.00	\$5.34
113191	Lightning Protection System 1000	EA	\$2,510.86	\$4,973.52	\$0.00	\$7,484.38
113192	Eaton VeriSTAR Lightning Arrestors	EA	\$627.72	\$944.72	\$0.00	\$1,572.44
113193	Aluminum Vent Pipe Bonding Strap Up To 4" Diameter Pipe	EA	\$57.75	\$19.76	\$0.00	\$77.51
113194	Aluminum Lightning Cable Fold Over Paste Down Fastener	EA	\$38.50	\$1.08	\$0.00	\$39.58
113195	Aluminum H.D. Bus Terminal	EA	\$38.50	\$24.23	\$0.00	\$62.73
113196	Aluminum Clamp Type T-Splicer	EA	\$61.61	\$22.50	\$0.00	\$84.11
113197	Aluminum Air Terminal 1/2" x 12" w/Base	EA	\$152.11	\$53.43	\$0.00	\$205.54

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		Units	Labor	Material	Equipment	Total
113198	Aluminum 2 Bolt All Purpose Clamp	EA	\$57.75	\$29.98	\$0.00	\$87.73
26-50-00 Lighting						
26-51-00 Interior Lighting						
26-51-11 LED Point Source Interior Lighting						
113199	Hi Lite (Old School) H 93716 LED Point Source Surface	EA	\$156.93	\$185.59	\$0.00	\$342.52
113200	19" LED Surface Mounted Spotlight LED Point Source Surface	EA	\$196.17	\$523.50	\$0.00	\$719.67
113201	Tech Lighting 700PPR Pendant Mounted LED Cylinder LED Point Source Surface	EA	\$156.93	\$501.74	\$0.00	\$658.67
113202	LBL Lighting Top SI Coax Pendent LED Point Source Surface	EA	\$156.93	\$757.73	\$0.00	\$914.66
113203	JSF 7" 10ML 35K LED Downlight LED Point Source Surface	EA	\$156.93	\$113.55	\$0.00	\$270.48
113204	LED Surface Mounted Canopy Lights LED Point Source Surface	EA	\$156.93	\$229.11	\$0.00	\$386.04
113205	Fiber Optic LED Surface Mounted Spot LED Point Source Surface	EA	\$156.93	\$223.35	\$0.00	\$380.28
113206	Hornet High Power Semi Recessed LED Point Source Surface	EA	\$156.93	\$468.46	\$0.00	\$625.39
113207	Lighthouse C3P 3" Cylinder Pendent LED Point Source Surface	EA	\$156.93	\$462.00	\$0.00	\$618.93
113208	Lightnet 970MM Diameter Surface Mounted LED LED Point Source Surface	EA	\$196.17	\$1,804.73	\$0.00	\$2,000.90
113209	Lightnet 1200MM Diameter Surface Mounted LED LED Point Source Surface	EA	\$235.39	\$2,975.88	\$0.00	\$3,211.27
113210	Surface Mounted LED 8" Diameter X 12" High Cylinder w/dimming LED Point Source Surface	EA	\$156.93	\$363.51	\$0.00	\$520.44
113211	Gotham EV04 Recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$264.52	\$0.00	\$421.45
113212	Gotham IC04ADJ Recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$305.97	\$0.00	\$462.90
113213	6DR LED Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$264.95	\$0.00	\$421.88
113214	6DR LED Recessed Downlight Flush Lens LED Point Source Recessed	EA	\$156.93	\$162.55	\$0.00	\$319.48
113215	Luminpulse LCRS 4" Recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$252.15	\$0.00	\$409.08
113216	Gotham Incito 2" Recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$264.52	\$0.00	\$421.45

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		Units	Labor	Material	Equipment	Total
113217	Gotham EV04 Wall Washer LED Downlight LED Point Source Recessed	EA	\$156.93	\$288.90	\$0.00	\$445.83
113218	Exterior Two Headed Wall Mounted LED Flood LED Point Source Recessed	EA	\$235.39	\$241.91	\$0.00	\$477.30
113219	LED Exterior Wall Mounted Down Lights LED Point Source Recessed	EA	\$156.93	\$476.14	\$0.00	\$633.07
113220	LDN4 Wet Location HSG 4" Recessed Downlight LED LED Point Source Recessed	EA	\$156.93	\$200.95	\$0.00	\$357.88
113221	USAI Beveled Basic 4" Recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$239.35	\$0.00	\$396.28
113222	4" Lightheaded LED Fixed Taper BRO LED Point Source Recessed	EA	\$156.93	\$336.63	\$0.00	\$493.56
113223	4" Lightheaded LED Downlight BRO LED Point Source Recessed	EA	\$156.93	\$275.68	\$0.00	\$432.61
113224	4" Lightheaded LED Wall Washer BRO LED Point Source Recessed	EA	\$156.93	\$341.75	\$0.00	\$498.68
113225	6" Recessed Wall Washer LED LED Point Source Recessed	EA	\$156.93	\$178.88	\$0.00	\$335.81
113226	4" Square Lensed Downlight LED Wall Washer LED Point Source Recessed	EA	\$156.93	\$240.00	\$0.00	\$396.93
113227	4" Square Lensed Downlight LED LED Point Source Recessed	EA	\$156.93	\$214.40	\$0.00	\$371.33
113228	7" Vandal Resistant Downlight LED Polycarbonate Lens LED Point Source Recessed	EA	\$156.93	\$239.35	\$0.00	\$396.28
113229	USAI Beveled Mini Basic Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$393.74	\$0.00	\$550.67
113230	USAI Beveled Mini Basic Recessed Lensed Downlight (Damp Location) LED Point Source Recessed	EA	\$156.93	\$398.61	\$0.00	\$555.54
113231	6DR Recessed Lensed Downlight LED Wet Location LED Point Source Recessed	EA	\$156.93	\$175.35	\$0.00	\$332.28
113232	2" Lightheaded LED Downlight Vela LED Point Source Recessed	EA	\$156.93	\$271.35	\$0.00	\$428.28
113233	6" Recessed Square LED Downlight LED Point Source Recessed	EA	\$156.93	\$215.03	\$0.00	\$371.96
113234	5" Round Recessed Damp Location LED 22W LED Point Source Recessed	EA	\$156.93	\$280.31	\$0.00	\$437.24
113235	6" Spectrum Lensed Recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$180.47	\$0.00	\$337.40
113236	Focal Point ID+3.5 Downlight LED Point Source Recessed	EA	\$156.93	\$171.51	\$0.00	\$328.44

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		Units	Labor	Material	Equipment	Total
113237	6" Round Recessed Can LED with 9" Diameter Deco Glass Pendent LED Point Source Recessed	EA	\$172.63	\$392.94	\$0.00	\$565.57
113238	4" Round Recessed Lensed LED LED Point Source Recessed	EA	\$156.93	\$162.55	\$0.00	\$319.48
113239	4" Lithonia LDN4 LED Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$158.08	\$0.00	\$315.01
113240	4" Square LED Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$272.63	\$0.00	\$429.56
113241	3G Lighting 3G RCG Downlight LED Point Source Recessed	EA	\$235.39	\$783.28	\$0.00	\$1,018.67
113242	USAI Sliverled 2" LED Downlight LED Point Source Recessed	EA	\$156.93	\$216.31	\$0.00	\$373.24
113243	4.5" Square Lensed Downlight 33W LED LED Point Source Recessed	EA	\$156.93	\$283.50	\$0.00	\$440.43
113244	Focal Point ID+3.5 X 3.5 Lensed Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$346.87	\$0.00	\$503.80
113245	Focal Point ID+2.5 X 2.5 Lensed Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$339.55	\$0.00	\$496.48
113246	16" Round Surface Mounted LED LED Point Source Recessed	EA	\$156.93	\$213.75	\$0.00	\$370.68
113247	Metalux 8" LED Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$170.23	\$0.00	\$327.16
113248	Lumenfacade Grand LED Point Source Recessed	EA	\$156.93	\$701.41	\$0.00	\$858.34
113249	Lithonia LDN4 LED Recessed Downlight LED Point Source Recessed	EA	\$156.93	\$172.79	\$0.00	\$329.72
113250	LED Surface Mounted 4 headed Flood Light LED Point Source Recessed	EA	\$156.93	\$211.19	\$0.00	\$368.12
113251	Holophane Explosion Proof LED LED Point Source Recessed	EA	\$156.93	\$1,285.07	\$0.00	\$1,442.00
113252	Fluxwerx TCI 9" Semi-Recessed Protal LED Point Source Recessed	EA	\$156.93	\$495.95	\$0.00	\$652.88
113253	Fluxwerx TCI 5.5" Semi-Recessed Portal LED Point Source Recessed	EA	\$196.17	\$404.53	\$0.00	\$600.70
113254	Spectrum SR2MO-XT20L LED Point Source Recessed	EA	\$117.69	\$311.03	\$0.00	\$428.72
113255	3.5" Recessed Adjustable Accent Light 13W LED LED Point Source Recessed	EA	\$117.70	\$166.08	\$0.00	\$283.78
113256	Visa SymmetryCM 1980 24" Recessed Disk LED Point Source Recessed	EA	\$156.93	\$517.10	\$0.00	\$674.03
113257	LED 18W Track Head LED Point Source Recessed	EA	\$39.24	\$129.92	\$0.00	\$169.16
113258	6" Round Recessed Can Exterior Location LED 39W LED Point Source Recessed	EA	\$156.93	\$293.11	\$0.00	\$450.04

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		Units	Labor	Material	Equipment	Total
113259	4" Exterior recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$291.83	\$0.00	\$448.76
113260	5" Exterior recessed LED Downlight LED Point Source Recessed	EA	\$156.93	\$293.11	\$0.00	\$450.04
113261	4' Diameter Day O Light "New Age" LED Point Source Recessed	EA	\$313.86	\$2,949.00	\$0.00	\$3,262.86
113262	3' Diameter Day O Light "New Age" LED Point Source Recessed	EA	\$235.39	\$2,437.02	\$0.00	\$2,672.41
113263	2' Diameter Day O Light "New Age" LED Point Source Recessed	EA	\$235.39	\$1,541.06	\$0.00	\$1,776.45
113264	3.5" LED Square Recessed Dim to Black Downlight LED Point Source Recessed	EA	\$156.93	\$293.82	\$0.00	\$450.75
113265	3.5" LED Square Recessed Adjustable Accent Light LED Point Source Recessed	EA	\$156.93	\$293.82	\$0.00	\$450.75
113266	3.5" LED Square Recessed Shower Lens LED Point Source Recessed	EA	\$156.93	\$301.50	\$0.00	\$458.43
26-51-12 LED Linear Interior Lighting						
113267	4" X 7' LED Recessed Linear w/Lens LED Linear Surface	EA	\$196.17	\$609.89	\$0.00	\$806.06
113268	4" X 21' LED Recessed Linear w/Lens LED Linear Surface	EA	\$470.79	\$1,777.85	\$0.00	\$2,248.64
113269	Columbia MPS4 LED Surface Mounted Linear LED Linear Surface	EA	\$117.69	\$192.78	\$0.00	\$310.47
113270	Electrix Lumiledge Continuous Surface Mounted LED Linear Cove LED Linear Surface	LF	\$39.24	\$87.71	\$0.00	\$126.95
113271	1 X 4 LED Surface Mounted Linear Acrylic LED Linear Surface	EA	\$117.69	\$131.83	\$0.00	\$249.52
113272	6" X 4' H.E. Williams 39 Series LED Surface Mounted Linear Acrylic LED Linear Surface	EA	\$117.69	\$217.59	\$0.00	\$335.28
113273	6" X 4' Nulite Regolo LED Surface Mounted Linear Satin Lens LED Linear Surface	EA	\$156.93	\$312.31	\$0.00	\$469.24
113274	6" Nulite Regolo LED Continuous Surface Mounted Linear Satin Lens LED Linear Surface	LF	\$19.62	\$77.43	\$0.00	\$97.05
113275	Lithonia CLX 48 4000LM LED Surface Mounted Linear LED Linear Surface	EA	\$117.69	\$192.78	\$0.00	\$310.47
113276	Lithonia CLX 48 7000LM LED Surface Mounted Linear LED Linear Surface	EA	\$117.69	\$220.82	\$0.00	\$338.51

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		Units	Labor	Material	Equipment	Total
113277	Narrow Surface Mounted Linear LED Wrap w/Acrylic Lens LED Linear Surface	EA	\$156.93	\$163.83	\$0.00	\$320.76
113278	4' X 4" LED Linear Wall Mounted Wrap LED Linear Surface	EA	\$156.93	\$159.09	\$0.00	\$316.02
113279	4' X 4.5" LED Linear Wall Mounted Wrap - Premium LED Linear Surface XtraLight or equal	EA	\$130.69	\$549.24	\$0.00	\$679.93
113280	8' X 4" LED Linear Wall Mounted Wrap LED Linear Surface	EA	\$235.39	\$293.11	\$0.00	\$528.50
113281	KLUS Sekoma LAD Tape in Extrusion LED Linear Surface	LF	\$15.70	\$51.76	\$0.00	\$67.46
113282	Cali LLED 8000 Tape LED Linear Surface	LF	\$15.70	\$11.50	\$0.00	\$27.20
113283	Pixel LED Backlighting Sheet LED Linear Surface	LF	\$117.69	\$210.89	\$0.00	\$328.58
113284	12" Wide LED Surface mounted Cove LED Linear Surface	LF	\$19.62	\$88.32	\$0.00	\$107.94
113285	1" X 4' Cantilevered Wall Mounted Linear LED Direct/Indirect LED Linear Surface	EA	\$156.93	\$457.71	\$0.00	\$614.64
113286	Ecosense Trov L50 LED Wall Washer LED Linear Surface	EA	\$117.69	\$236.73	\$0.00	\$354.42
113287	8' X 3" LED Linear Wall/Ceiling Mounted, Damp Location LED Linear Surface	EA	\$235.39	\$510.70	\$0.00	\$746.09
113288	4' LED Surface mounted Cove LED Linear Surface	EA	\$156.93	\$302.07	\$0.00	\$459.00
113289	Finelite 4' X 4" LED Surface Mounted Linear LED Linear Surface	EA	\$156.93	\$390.08	\$0.00	\$547.01
113290	Qtran Vers 07 Continuous LED Surface Mounted Linear LED Linear Surface	LF	\$19.62	\$103.44	\$0.00	\$123.06
113291	Qtran TORQ Continuous LED Surface Mounted Linear LED Linear Surface	LF	\$19.62	\$91.25	\$0.00	\$110.87
113292	Limenwerx Pivot Continuous Linear LED with Dot Modules LED Linear Surface	LF	\$39.24	\$127.60	\$0.00	\$166.84
113293	Ecosense Knife Edge Continuous Surface Mounted LED Cove LED Linear Surface	LF	\$19.62	\$79.36	\$0.00	\$98.98
113294	Litecontrol 4LRD LED Recessed Linear w/Lens LED Linear Recessed	LF	\$19.62	\$97.92	\$0.00	\$117.54
113295	Lithonia GRD LSL 4' LED LED Linear Recessed	EA	\$156.93	\$323.83	\$0.00	\$480.76
113296	Prudential Bio-Std LED Linear Recessed	LF	\$19.62	\$100.79	\$0.00	\$120.41
113297	Barbican 96D LED Linear Recessed	LF	\$313.86	\$2,558.62	\$0.00	\$2,872.48

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		Units	Labor	Material	Equipment	Total
113298	Prudential STR2 LED35 LED Linear Recessed	LF	\$23.54	\$206.07	\$0.00	\$229.61
113299	Pinnacle Edge EX2DI Series LED Linear Recessed	LF	\$19.62	\$85.76	\$0.00	\$105.38
113300	Prudential Bionic LED Linear Recessed	LF	\$19.62	\$100.79	\$0.00	\$120.41
113301	Ecosense Trov L50 LED Wall Washer LED Linear Recessed	EA	\$117.69	\$236.73	\$0.00	\$354.42
113302	Continuous LED Rope LED Linear Recessed	LF	\$7.84	\$7.05	\$0.00	\$14.89
113303	JCI Tech T-Bar LED LED Linear Recessed	EA	\$196.17	\$449.81	\$0.00	\$645.98
113304	Continuous LED Cove with Clear Polycarbonate Lens LED Linear Recessed	LF	\$31.38	\$62.07	\$0.00	\$93.45
113305	Bartco ADL 210 Continuous LED Linear Cove LED Linear Recessed	LF	\$39.24	\$81.92	\$0.00	\$121.16
113306	Ecosense Trov Continuous LED Cove LED Linear Recessed	LF	\$19.62	\$100.15	\$0.00	\$119.77
113307	Ecosense SCIS 48 LED Linear Recessed	EA	\$117.69	\$243.13	\$0.00	\$360.82
113308	Q Tran Torq Flat (Toe Kick) LED Linear Recessed	EA	\$156.93	\$352.97	\$0.00	\$509.90
113309	Focal Point SEEM 4 FSM4L Recessed Linear LED Linear Recessed	LF	\$23.54	\$87.04	\$0.00	\$110.58
113310	Q Tran Kurv Continuous Flexible LED Linear LED Linear Recessed	LF	\$19.62	\$109.17	\$0.00	\$128.79
113311	4" X 4' Recessed LED Linear w/Opal Lens LED Linear Recessed	EA	\$156.93	\$355.83	\$0.00	\$512.76
113312	Nulite RG1 FF LED Recessed Linear w/Satin Lens LED Linear Recessed	LF	\$19.62	\$92.80	\$0.00	\$112.42
113313	Luminii Lini System Recessed Linear LED LED Linear Recessed	EA	\$235.39	\$453.71	\$0.00	\$689.10
113314	Focal Point Focus Wall Washer Continuous Linear LED Slot LED Linear Recessed	LF	\$23.54	\$87.04	\$0.00	\$110.58
113315	Mark Lighting FIN Continuous Linear LED LED Linear Recessed	LF	\$23.54	\$89.60	\$0.00	\$113.14
113316	4" X 4' Mark Lighting LED Recessed Linear w/Satin Lens LED Linear Recessed	EA	\$156.93	\$368.63	\$0.00	\$525.56
113317	Focal Point Seem 1 FSL 6' LED Linear LED Linear Recessed	LF	\$196.17	\$504.64	\$0.00	\$700.81
113318	Focal Point Seem 4 Continuous Recessed LED Linear LED Linear Recessed	LF	\$19.62	\$95.48	\$0.00	\$115.10
113319	Luminii Kendo 8 LED Linear Recessed	LF	\$23.54	\$49.27	\$0.00	\$72.81
113320	Luminii SLand Channel LLX Tape LED Linear Recessed	EA	\$23.54	\$34.72	\$0.00	\$58.26

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		Units	Labor	Material	Equipment	Total
113321	TruGroove Micro LED Recessed Linear w/Satin Lens LED Linear Recessed	LF	\$19.62	\$92.80	\$0.00	\$112.42
113322	Fluxwerx Continuous LED Recessed Linear w/Satin Lens LED Linear Recessed	LF	\$39.24	\$92.80	\$0.00	\$132.04
113323	4' X 4" Finelite LED Recessed Linear w/Satin Lens LED Linear Recessed	EA	\$156.93	\$332.79	\$0.00	\$489.72
113324	AWL Superplane Continuous Recessed LED Linear Slot LED Linear Recessed	LF	\$19.62	\$88.32	\$0.00	\$107.94
113325	8' X 4" Mark Lighting LED Recessed Linear w/Satin Lens LED Linear Recessed	EA	\$235.39	\$583.66	\$0.00	\$819.05
113326	8' X 4" TruGroove LED Recessed Linear w/Satin Lens LED Linear Recessed	EA	\$235.39	\$783.33	\$0.00	\$1,018.72
113327	Continuous AXIS Beam 4 LED Linear Recessed	LF	\$19.62	\$83.20	\$0.00	\$102.82
113328	AXIS Beam 2 LED Linear Recessed	LF	\$19.62	\$90.88	\$0.00	\$110.50
113329	AXIS StencilFlex Indirect LED Linear LED Linear Recessed	LF	\$39.24	\$90.88	\$0.00	\$130.12
113330	H.E. Williams SL Continuous Surface Mounted Linear LED Linear Recessed	LF	\$19.62	\$66.56	\$0.00	\$86.18
113331	Coronet PG4 Continuous Recessed Perimeter LED LED Linear Recessed	LF	\$19.62	\$97.34	\$0.00	\$116.96
113332	Neo-Ray 79PF Continuous Recessed Perimeter Slot w/Louvered Diffuser LED Linear Recessed	LF	\$19.62	\$158.71	\$0.00	\$178.33
113333	2" X 2' AXIS Sculpt Geometric Recessed LED Linear Recessed	EA	\$156.93	\$220.15	\$0.00	\$377.08
113334	4' Vode Double Race LED Linear Recessed	EA	\$156.93	\$440.30	\$0.00	\$597.23
113335	Mini Edgeless Continuous LED Linear Cove LED Linear Recessed	LF	\$19.62	\$104.05	\$0.00	\$123.67
113336	Pinnacle Edge Evolution 3 LED Linear Wall Grazer LED Linear Recessed	LF	\$19.62	\$81.92	\$0.00	\$101.54
113337	2 3/8" Forum Aqua LED Linear Slot LED Linear Recessed	EA	\$235.39	\$849.89	\$0.00	\$1,085.28
113338	a Light D5 4" X 4' Recessed Linear LED Linear Recessed	EA	\$156.93	\$339.19	\$0.00	\$496.12
113339	Bartco BSS755 66.5" LED wall mount linear LED Linear Recessed	EA	\$196.17	\$506.86	\$0.00	\$703.03
113340	Neoray Define 4 X 1' Recessed Linear LED Linear Recessed	EA	\$78.46	\$88.58	\$0.00	\$167.04

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		Units	Labor	Material	Equipment	Total
113341	Neoray Define 4 X 4' Recessed Linear LED Linear Recessed	EA	\$156.93	\$353.08	\$0.00	\$510.01
113342	Mark S4LS 4" X 4' Linear LED Slot LED Linear Recessed	EA	\$156.93	\$286.71	\$0.00	\$443.64
113343	Mark S6LR 8' Linear LED Slot LED Linear Recessed	EA	\$156.93	\$573.42	\$0.00	\$730.35
113344	Mark S6LR 6" Linear LED Slot LED Linear Recessed	LF	\$19.62	\$71.92	\$0.00	\$91.54
113345	TruGroove LED Recessed Linear Slot w/Lens LED Linear Recessed	LF	\$19.62	\$97.92	\$0.00	\$117.54
113346	6' Mark Lighting LED Linear Fin LED Linear Recessed	EA	\$235.39	\$764.78	\$0.00	\$1,000.17
113347	4' Mark Lighting LED Linear Fin LED Linear Recessed	EA	\$156.93	\$560.62	\$0.00	\$717.55
113348	8' Mark Lighting LED Linear Fin LED Linear Recessed	EA	\$313.86	\$981.15	\$0.00	\$1,295.01
113349	Continuous Perimeter LED Graze Fixture with Point Source on 9" Centers LED Linear Recessed	LF	\$19.62	\$98.56	\$0.00	\$118.18
113350	Lumenwerz VIA 4 Linear LED Slot LED Linear Recessed	LF	\$19.62	\$75.52	\$0.00	\$95.14
113351	Neoray Define 4" Continuous Recessed Linear LED Linear Recessed	LF	\$19.62	\$88.19	\$0.00	\$107.81
113352	Continuous LED AION AT 401 Silver LED Linear Recessed	LF	\$19.62	\$62.07	\$0.00	\$81.69
113353	Neoray 23XR 2" Recessed Linear Wall Washer LED Linear Recessed	LF	\$19.62	\$107.20	\$0.00	\$126.82
113354	Continuous LED AION 4924 LED Linear Recessed	LF	\$19.62	\$87.67	\$0.00	\$107.29
113355	Neoray Define 7" Continous Recessed Linear Slot LED Linear Recessed	LF	\$19.62	\$85.76	\$0.00	\$105.38
113356	2.5" X 4" Lumenfacade Color changing LED LED Linear Recessed	LF	\$39.24	\$472.95	\$0.00	\$512.19
113357	Recessed Linear Lensed Slot LED Wall Glazer LED Linear Recessed	LF	\$19.62	\$92.16	\$0.00	\$111.78
113358	Lumenfacade Tunable White Continuous LED LED Linear Recessed	LF	\$23.54	\$203.51	\$0.00	\$227.05
113359	4' Lumenfacade Color changing LED LED Linear Recessed	EA	\$156.93	\$1,633.22	\$0.00	\$1,790.15
113360	Continuous Exterior Linear LED 10W/LF LED Linear Recessed	LF	\$23.54	\$86.15	\$0.00	\$109.69
113361	Lumenfacade Color changing LED LED Linear Recessed	LF	\$39.24	\$408.06	\$0.00	\$447.30
113362	4' X 4" LED Linear Wall Washer LED Linear Recessed	EA	\$156.93	\$248.69	\$0.00	\$405.62

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		Units	Labor	Material	Equipment	Total
113363	4 ' LED Light Stripe w/ Acrylic lens LED Linear Recessed	EA	\$156.93	\$176.63	\$0.00	\$333.56
113364	4 ' LED Light Stripe in Gasketed Fiberglass Enclosure LED Linear Recessed	EA	\$156.93	\$279.03	\$0.00	\$435.96
113365	4 ' Surface Mounted LED Wrap LED Linear Recessed	EA	\$156.93	\$159.99	\$0.00	\$316.92
113366	AWL Lightplane 2R Series Continuous LED Linear Recessed	LF	\$19.62	\$88.32	\$0.00	\$107.94
113367	4 ' Surface Mounted LED Wrap W/EM LED Linear Recessed	EA	\$156.93	\$208.63	\$0.00	\$365.56
113368	Lightcontrol 17LC LED Linear Recessed	LF	\$19.62	\$90.21	\$0.00	\$109.83
113369	4 ' LED Light Strip W/EM LED Linear Recessed	EA	\$156.93	\$232.95	\$0.00	\$389.88
113370	8' X 4" LED Exterior Linear w/Satin Lens LED Linear Recessed	EA	\$235.39	\$783.33	\$0.00	\$1,018.72
113371	F-3 48" Fluorescent to LED Retrofit Kit C Flex RP-T8-4FT-1L-835-10V-C-G2 or equal	EA	\$170.58	\$69.65	\$0.37	\$240.60
113372	F-3 24" Fluorescent to LED Retrofit Kit C Flex RP-T8-2FT-1L-835-10V-C-G2 or equal	EA	\$151.34	\$68.97	\$0.37	\$220.68
113373	F-6 Compact Fluorescent (CFL) to LED Retrofit Kit C Flex RP-G24Q-126H-1L-835-10V-C-G2 or equal	EA	\$170.58	\$73.04	\$0.37	\$243.99
113374	F-2 Fluorescent to LED Retrofit Kit C Flex RXL-4H (35/25/18S)/8A or equal	EA	\$169.06	\$70.99	\$0.37	\$240.42
26-51-13	LED Pendant Interior Lighting					
113375	17" Diameter Fabric Pendant LED Pendant Core	EA	\$156.93	\$366.07	\$0.00	\$523.00
113376	27" Diameter Fabric Pendant LED Pendant Core	EA	\$235.39	\$483.82	\$0.00	\$719.21
113377	36" Diameter Fabric Pendant LED Pendant Core	EA	\$313.86	\$995.80	\$0.00	\$1,309.66
113378	48" Diameter Fabric Pendant LED Pendant Core	EA	\$470.79	\$1,471.94	\$0.00	\$1,942.73
113379	Prudential Sky P9000 4' LED LED Pendant Core	EA	\$235.39	\$1,550.02	\$0.00	\$1,785.41
113380	Prudential Sky P9000 3' LED LED Pendant Core	EA	\$235.39	\$1,159.63	\$0.00	\$1,395.02
113381	Prudential Sky P9000 2' LED LED Pendant Core	EA	\$235.39	\$798.69	\$0.00	\$1,034.08
113382	Barbican 96D, 72D, 48D LED Pendant Core	EA	\$470.79	\$5,499.95	\$0.00	\$5,970.74
113383	Barbican Donut LED Pendant Core	EA	\$235.39	\$1,222.35	\$0.00	\$1,457.74

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		Units	Labor	Material	Equipment	Total
113384	Hubbardton Banded Medium LED Pendant Core	EA	\$235.39	\$3,268.14	\$0.00	\$3,503.53
113385	Hubbardton Staccato LED Pendant Core	EA	\$196.17	\$828.68	\$0.00	\$1,024.85
113386	Hubbardton Large LED Pendant Core	EA	\$235.39	\$1,861.41	\$0.00	\$2,096.80
113387	Hubbardton Exos Large LED Pendant Core	EA	\$235.39	\$1,861.41	\$0.00	\$2,096.80
113388	Hubbardton Rythm Mini LED Pendant Core	EA	\$156.93	\$899.62	\$0.00	\$1,056.55
113389	Lithonia VCPG LED Pendant Core	EA	\$196.17	\$638.09	\$0.00	\$834.26
113390	Black Jack MLFL MINI Pendent LED Pendant Core	EA	\$156.93	\$380.15	\$0.00	\$537.08
113391	Prudential Sky P4000 4' LED LED Pendant Core	EA	\$235.39	\$1,580.74	\$0.00	\$1,816.13
113392	Prudential Sky P4000 2' LED LED Pendant Core	EA	\$235.39	\$1,052.12	\$0.00	\$1,287.51
113393	Prudential Sky P4000 3' LED LED Pendant Core	EA	\$235.39	\$1,054.68	\$0.00	\$1,290.07
113394	Prudential BTRI 22 3' LED LED Pendant Core	EA	\$235.39	\$1,255.63	\$0.00	\$1,491.02
113395	4' X 2" Camman P2440 LED Cord Pendent LED Pendant Core	EA	\$235.39	\$471.02	\$0.00	\$706.41
113396	5' X 2" Camman P2440 LED Cord Pendent LED Pendant Core	EA	\$235.39	\$573.42	\$0.00	\$808.81
113397	6' X 2" Camman P2440 LED Cord Pendent LED Pendant Core	EA	\$235.39	\$675.81	\$0.00	\$911.20
113398	Zumtobel Caela Pendent LED Pendant Core	EA	\$156.93	\$650.21	\$0.00	\$807.14
113399	RBW CFT 18" Cylinder Pendent LED Pendant Core	EA	\$196.17	\$1,715.62	\$0.00	\$1,911.79
113400	RBW Delta Vii 26" Diameter Pendent LED Pendant Core	EA	\$313.86	\$3,151.12	\$0.00	\$3,464.98
113401	RBW Delta Vii 35" Diameter Pendent LED Pendant Core	EA	\$313.86	\$4,126.32	\$0.00	\$4,440.18
113402	Louis Poulsen VL45 Radiohus Pendent LED Pendant Core	EA	\$156.93	\$1,162.93	\$0.00	\$1,319.86
113403	Allied Maker Dome 14" Pendent LED Pendant Core	EA	\$274.63	\$1,884.33	\$0.00	\$2,158.96
113404	32" Quartz Mosaic Stone Pendent LED Pendant Core	EA	\$470.79	\$6,591.74	\$0.00	\$7,062.53
113405	8' LuxDynamics LED Cord Pendent LED Pendant Core	EA	\$313.86	\$737.25	\$0.00	\$1,051.11
113406	8" Diameter 16" long Blown Glass LED Pendent LED Pendant Core	EA	\$196.17	\$718.70	\$0.00	\$914.87
113407	SPI AIW Pendent LED Pendant Core	EA	\$156.93	\$1,116.12	\$0.00	\$1,273.05
113408	Artimide Lana Pendent LED Pendant Core	EA	\$156.93	\$294.39	\$0.00	\$451.32

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		Units	Labor	Material	Equipment	Total
113409	Zaneen D9-1150 15"Pendent LED Pendant Core	EA	\$156.93	\$819.17	\$0.00	\$976.10
113410	Kitchler Aubry Mini Pendant Pendent w/dimming LED Pendant Core	EA	\$156.93	\$94.72	\$0.00	\$251.65
113411	Winona 5800 Giselle LED Cylinder Pendent w/dimming LED Pendant Core	EA	\$156.93	\$474.86	\$0.00	\$631.79
113412	Lithonia IGB 24L LED High Bay Pendent LED Pendant Core	EA	\$235.39	\$344.82	\$0.00	\$580.21
113413	4' X 12" LED Game Table Pendent LED Pendant Core	EA	\$156.93	\$321.27	\$0.00	\$478.20
113414	Lithonia JCBL LED High Bay Pendent LED Pendant Core	EA	\$235.39	\$440.30	\$0.00	\$675.69
113415	Lithonia PTNSL 8' LED Linear Pendent LED Pendant Core	EA	\$313.86	\$471.67	\$0.00	\$785.53
113416	Allied Maker Bishop Pendant LED Pendant Core	EA	\$196.17	\$1,374.73	\$0.00	\$1,570.90
113417	6" Diameter LED Cylinder Pendent 4' Long LED Pendant Core	EA	\$196.17	\$508.14	\$0.00	\$704.31
113418	6" Diameter LED Cylinder Pendent 3' Long LED Pendant Core	EA	\$196.17	\$453.10	\$0.00	\$649.27
113419	6" Diameter LED Cylinder Pendent 2' Long LED Pendant Core	EA	\$196.17	\$536.95	\$0.00	\$733.12
113420	Tech Lighting Crossblend Grande Pendent w/dimming LED Pendant Core	EA	\$196.17	\$655.33	\$0.00	\$851.50
113421	Eureka 4235-22 Cord Pendant LED Pendant Core	EA	\$235.39	\$734.69	\$0.00	\$970.08
113422	Eureka 4235-35 Cord Pendant LED Pendant Core	EA	\$235.39	\$1,224.91	\$0.00	\$1,460.30
113423	Lucifer CY2 2.5" Adjustable Cylinder LED Pendant Core	EA	\$156.93	\$625.59	\$0.00	\$782.52
113424	Lucifer CY2 3" Adjustable Cylinder LED Pendant Core	EA	\$156.93	\$669.23	\$0.00	\$826.16
113425	Amerlux Rook 350 Series LED Cylinder Cord Pendent LED Pendant Core	EA	\$156.93	\$481.26	\$0.00	\$638.19
113426	Lite Control Inde-Pendent LED Pendant Core	EA	\$156.93	\$474.19	\$0.00	\$631.12
113427	Lukas Lighting 6' Ring Pendent LED Pendant Core	EA	\$470.79	\$3,379.07	\$0.00	\$3,849.86
113428	Lukas Lighting 8' Ring Pendent LED Pendant Core	EA	\$627.72	\$4,915.01	\$0.00	\$5,542.73
113429	Lukas Lighting 10' Ring Pendent LED Pendant Core	EA	\$941.57	\$6,450.95	\$0.00	\$7,392.52
113430	Shaper Fabrique 146 LED Pendant Core	EA	\$196.17	\$770.53	\$0.00	\$966.70
113431	8' LED Wall mounted Cylinder w/Clear Tempered Glass Lens LED Pendant Core	EA	\$156.93	\$535.02	\$0.00	\$691.95

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		Units	Labor	Material	Equipment	Total
113432	WAC Banded LED Cylinder Pendant LED Pendant Core	EA	\$156.93	\$675.81	\$0.00	\$832.74
113433	Delta SuperLoop 48" LED Pendant Core	EA	\$235.39	\$1,118.68	\$0.00	\$1,354.07
113434	Delta SuperLoop 36" LED Pendant Core	EA	\$156.93	\$970.20	\$0.00	\$1,127.13
113435	Delta SuperLoop 72" LED Pendant Core	EA	\$235.39	\$1,404.11	\$0.00	\$1,639.50
113436	Delta SuperLoop 12" LED Pendant Core	EA	\$156.93	\$401.90	\$0.00	\$558.83
113437	Delta SuperLoop 18" LED Pendant Core	EA	\$117.69	\$478.70	\$0.00	\$596.39
113438	Delray Dos Curve 96" LED Pendant Core	EA	\$313.86	\$1,871.29	\$0.00	\$2,185.15
113439	Delray Dos Curve 72" LED Pendant Core	EA	\$313.86	\$1,405.39	\$0.00	\$1,719.25
113440	Delray Dos Stick LED Pendant Core	LF	\$23.54	\$110.08	\$0.00	\$133.62
113441	Hightower Caravaggio 1.5" LED Cord Pendant LED Pendant Core	EA	\$156.93	\$1,382.35	\$0.00	\$1,539.28
113442	Beta Calco MRDP2P01 LED Pendant LED Pendant Core	EA	\$156.93	\$1,767.55	\$0.00	\$1,924.48
113443	Beta Calco MTRP1P01 LED Pendant LED Pendant Core	EA	\$156.93	\$1,054.44	\$0.00	\$1,211.37
113444	Beta Calco Blown Glass 24" LED Cord Pendant LED Pendant Core	EA	\$156.93	\$633.58	\$0.00	\$790.51
113445	Hightower Caravaggio Decorative 12" LED Cord Pendant LED Pendant Core	EA	\$156.93	\$331.51	\$0.00	\$488.44
113446	Beta Calco 8" Diameter 16" long Blown Glass LED Pendant LED Pendant Core	EA	\$196.17	\$600.94	\$0.00	\$797.11
113447	Shaper 2ft Drum Fixture LED Pendant Core	EA	\$235.39	\$1,916.09	\$0.00	\$2,151.48
113448	24" Polished Brass LED Pendant LED Pendant Core	EA	\$313.86	\$2,156.72	\$0.00	\$2,470.58
113449	SPI 4" LED Cylinder Pendant w/dimming LED Pendant Core	EA	\$156.93	\$346.87	\$0.00	\$503.80
113450	SPI 6" LED Cylinder Pendant w/dimming LED Pendant Core	EA	\$156.93	\$398.06	\$0.00	\$554.99
113451	SPI 9" LED Cylinder Pendant w/dimming LED Pendant Core	EA	\$156.93	\$417.57	\$0.00	\$574.50
113452	Eaton Shaper Cord Pendant LED Pendant Core	EA	\$156.93	\$472.30	\$0.00	\$629.23
113453	Winona POPS02 Three LED Pendant LED Pendant Core	EA	\$235.39	\$1,244.11	\$0.00	\$1,479.50
113454	Spec Grade HPF LED Pendant Mounted High Bay LED Pendant Core	EA	\$235.39	\$496.62	\$0.00	\$732.01

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		Units	Labor	Material	Equipment	Total
113455	4' Square by 2" Wide LED Direct Linear Pendant LED Pendant Core	EA	\$313.86	\$983.00	\$0.00	\$1,296.86
113456	SPI AIP 5' Diameter LED Pendent LED Pendant Core	EA	\$313.86	\$1,247.95	\$0.00	\$1,561.81
113457	Focal Point 4' Skydome Recessed LED LED Pendant Core	EA	\$235.39	\$2,815.89	\$0.00	\$3,051.28
113458	Prudential SKY 1' Diameter LED Pendant LED Pendant Core	EA	\$196.17	\$753.89	\$0.00	\$950.06
113459	Prudential SKY 2' Diameter LED Pendant LED Pendant Core	EA	\$235.39	\$1,215.95	\$0.00	\$1,451.34
113460	Prudential SKY 3' Diameter LED Pendant LED Pendant Core	EA	\$235.39	\$1,663.94	\$0.00	\$1,899.33
113461	Prudential SKY 4' Diameter LED Pendant LED Pendant Core	EA	\$235.39	\$2,047.92	\$0.00	\$2,283.31
113462	Prudential Oculus 2' Diameter LED Pendant LED Pendant Core	EA	\$235.39	\$1,663.94	\$0.00	\$1,899.33
113463	Tech Lighting 700 INT 30" Diameter LED Pendant LED Pendant Core	EA	\$235.39	\$1,320.91	\$0.00	\$1,556.30
113464	20" X 48" HBLED Industrial High Bay w/ Wireguard LED Pendant Core	EA	\$156.93	\$314.87	\$0.00	\$471.80
113465	36" Diameter XAL 2.5 Circle Pendant LED Pendant Core	EA	\$470.79	\$3,989.60	\$0.00	\$4,460.39
113466	48" Diameter XAL 2.5 Circle Pendant LED Pendant Core	EA	\$470.79	\$4,643.66	\$0.00	\$5,114.45
113467	60" Diameter XAL 2.5 Circle Pendant LED Pendant Core	EA	\$470.79	\$4,998.20	\$0.00	\$5,468.99
113468	ALW Superplane 2.5 Continuous LED Linear Pendant LED Pendant Linear	LF	\$19.62	\$85.12	\$0.00	\$104.74
113469	Litecontrol Rail 3' Continuous LED Linear Pendent LED Pendant Linear	LF	\$19.62	\$85.12	\$0.00	\$104.74
113470	Lithonia WL LED (Stairwell) Pendent LED Pendant Linear	EA	\$156.93	\$439.02	\$0.00	\$595.95
113471	8' Focal Point SEEM 2 FSM2LS LED Pendent LED Pendant Linear	EA	\$313.86	\$737.25	\$0.00	\$1,051.11
113472	2" X 4' Columbia LCL 35M LED Pendent LED Pendant Linear	EA	\$156.93	\$277.75	\$0.00	\$434.68
113473	Bartco BSS512 Continuous LED Linear LED Pendant Linear	LF	\$23.54	\$108.28	\$0.00	\$131.82
113474	2" X 8' Columbia LCL 35M LED Pendent LED Pendant Linear	EA	\$235.39	\$528.62	\$0.00	\$764.01

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		Units	Labor	Material	Equipment	Total
113475	7" X 4' Direct/Indirect LED Pendent Linear with Acrylic Lens LED Pendant Linear	EA	\$156.93	\$341.75	\$0.00	\$498.68
113476	Finelite HP-4 LED Pendent LED Pendant Linear	EA	\$156.93	\$334.07	\$0.00	\$491.00
113477	Finelite HP-2 LED Continuous Pendent LED Pendant Linear	LF	\$19.62	\$87.04	\$0.00	\$106.66
113478	1" LED Continuous Pendent LED Pendant Linear	LF	\$19.62	\$92.16	\$0.00	\$111.78
113479	Focal Point NERA Continuous LED Linear Pendent LED Pendant Linear	LF	\$19.62	\$123.52	\$0.00	\$143.14
113480	Litecontrol MOD Continuous Recessed LED Linear LED Pendant Linear	LF	\$19.62	\$85.12	\$0.00	\$104.74
113481	Focal Point FSM1S Continuous LED Linear Pendent LED Pendant Linear	LF	\$39.24	\$107.27	\$0.00	\$146.51
113482	3" X 4' Gammalux GB35D2 LED Direct Linear Pendent LED Pendant Linear	EA	\$156.93	\$323.19	\$0.00	\$480.12
113483	Finelite Series 11 Micro Flex LED Linear Pendent LED Pendant Linear	LF	\$27.46	\$158.08	\$0.00	\$185.54
113484	PMC ARCX SE (Curved) LED Linear Pendent LED Pendant Linear	LF	\$27.46	\$158.08	\$0.00	\$185.54
113485	6" X 4' Direct/Indirect LED Pendant w/ Acrylic Lens LED Pendant Linear	EA	\$196.17	\$311.03	\$0.00	\$507.20
113486	LF Lumination Glowstx LED Linear LED Pendant Linear	LF	\$39.24	\$211.19	\$0.00	\$250.43
113487	38" Diameter Buzzmoon LED Pendent LED Pendant Linear	EA	\$313.86	\$3,838.57	\$0.00	\$4,152.43
113488	8" X 41" DMX Color Changing LED Pendent LED Pendant Linear	EA	\$313.86	\$1,251.79	\$0.00	\$1,565.65
113489	4' LED Direct Linear Pendent LED Pendant Linear	EA	\$156.93	\$250.87	\$0.00	\$407.80
113490	8' LED Direct Linear Pendent LED Pendant Linear	EA	\$235.39	\$477.42	\$0.00	\$712.81
113491	RBGW ALW Superplane 2.5 Continuous LED Linear Pendent LED Pendant Linear	LF	\$27.46	\$161.91	\$0.00	\$189.37
113492	4" X 4' Litecontrol MOD44 LED Pendant Linear	EA	\$156.93	\$332.79	\$0.00	\$489.72
113493	4" X 4' Litecontrol MOD44 ACT LED Pendant Linear	EA	\$156.93	\$332.79	\$0.00	\$489.72
113494	ALW Lightplane 2R Continuous LED Recessed Linear LED Pendant Linear	LF	\$23.54	\$110.72	\$0.00	\$134.26
113495	XAL Move it 2.1 Continuous Linear Pendent LED Pendant Linear	LF	\$27.46	\$72.32	\$0.00	\$99.78
113496	ALW Lightplane 3.5 LED Wet Location Linear LED Pendant Linear	EA	\$196.17	\$443.50	\$0.00	\$639.67

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		Units	Labor	Material	Equipment	Total
113497	F-7 Compact Fluorescent (CFL) to LED Retrofit Kit C Flex RP-G24Q-126H-1L-835-10V-C-G 2 or equal	EA	\$91.62	\$72.29	\$0.37	\$164.28
113498	F-8 Alphasite, LCDL-6-40-10V-8-A	EA	\$239.41	\$165.54	\$0.37	\$405.32
113499	F-9 LiteLine, RA3-7G-35K-90WH	EA	\$239.41	\$64.40	\$0.37	\$304.18
113500	F-10 XtraLite, SHB-15000L-35DIM-SCP-WG	EA	\$420.61	\$475.64	\$76.37	\$972.62
113501	F-11 XtraLite, SHB-25000L-35DIM-90-WG	EA	\$453.01	\$721.26	\$82.25	\$1,256.52
26-51-14 LED Troffer Interior Lighting						
113502	2' X 4' LED surface Mount Troffer with Parabolic Diffuser LED Troffers Surface	EA	\$156.93	\$229.11	\$0.00	\$386.04
113503	2' X 2' LED surface Mount Troffer with Parabolic Diffuser LED Troffers Surface	EA	\$156.93	\$203.51	\$0.00	\$360.44
113504	1' X 4' LED surface Mount Troffer with Parabolic Diffuser LED Troffers Surface	EA	\$156.93	\$177.91	\$0.00	\$334.84
113505	2' X 4' LED Hose Down Gasketed w/Inverted Pattern Acrylic lens LED Troffers Surface	EA	\$196.17	\$564.46	\$0.00	\$760.63
113506	2' X 2' LED Hose Down Gasketed w/Inverted Pattern Acrylic lens LED Troffers Surface	EA	\$196.17	\$515.82	\$0.00	\$711.99
113507	1' X 4' LED Hose Down Gasketed w/Inverted Pattern Acrylic lens LED Troffers Surface	EA	\$196.17	\$497.90	\$0.00	\$694.07
113508	2' X 4' LED Acrylic (TYPE 19) Panel Surface Mount LED Troffers Surface	EA	\$156.93	\$229.11	\$0.00	\$386.04
113509	2' X 2' LED Acrylic (TYPE 19) Panel Surface Mount LED Troffers Surface	EA	\$156.93	\$204.15	\$0.00	\$361.08
113510	1' X 4' LED Acrylic (Type 19) Panel Surface Mount LED Troffers Surface	EA	\$156.93	\$177.91	\$0.00	\$334.84
113511	6" X 4' LED Lensed Volumetric Direct/Indirect Troffers LED Troffers Surface	EA	\$156.93	\$203.51	\$0.00	\$360.44
113512	2' X 4' LED Lensed Volumetric Direct/Indirect Troffer Stem Mount LED Troffers Surface	EA	\$156.93	\$282.32	\$0.00	\$439.25
113513	2' X 2' LED Lensed Volumetric Direct/Indirect Troffer LED Troffers Surface	EA	\$156.93	\$238.07	\$0.00	\$395.00
113514	1' X 4' LED Lensed Volumetric Direct/Indirect Troffer LED Troffers Surface	EA	\$156.93	\$177.91	\$0.00	\$334.84
113515	Volt FL-1 Full Cycle Grow Light LED Troffers Surface	EA	\$196.17	\$792.35	\$0.00	\$988.52
113516	Kind LED K3 XL300 Grow Light LED Troffers Surface	EA	\$196.17	\$467.06	\$0.00	\$663.23
113517	1' X 4' LED Acrylic Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$152.31	\$0.00	\$309.24

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		Units	Labor	Material	Equipment	Total
113518	2' X 2' X 2" Barbican Jut Box LED Troffers Recessed	EA	\$156.93	\$484.47	\$0.00	\$641.40
113519	2' X 4' LED Troffer with Parabolic Diffuser LED Troffers Recessed	EA	\$156.93	\$216.31	\$0.00	\$373.24
113520	2' X 2' LED Troffer with Parabolic Diffuser LED Troffers Recessed	EA	\$156.93	\$190.71	\$0.00	\$347.64
113521	1' X 4' LED Troffer with Parabolic Diffuser LED Troffers Recessed	EA	\$156.93	\$165.11	\$0.00	\$322.04
113522	1' X 4' LED Stainless Steel Gasketed w/Inverted Pattern Acrylic lens LED Troffers Recessed	EA	\$196.17	\$357.11	\$0.00	\$553.28
113523	1' X 4' LED Wet Location Gasketed w/Inverted Pattern Acrylic lens LED Troffers Recessed	EA	\$156.93	\$355.83	\$0.00	\$512.76
113524	2' X 4' LED Hose Down Gasketed w/Inverted Pattern Acrylic lens LED Troffers Recessed	EA	\$156.93	\$538.86	\$0.00	\$695.79
113525	2' X 2' LED Hose Down Gasketed w/Inverted Pattern Acrylic lens LED Troffers Recessed	EA	\$156.93	\$490.22	\$0.00	\$647.15
113526	1' X 4' LED Hose Down Gasketed w/Inverted Pattern Acrylic lens LED Troffers Recessed	EA	\$156.93	\$446.70	\$0.00	\$603.63
113527	1' X 4' LSI LSRP Low Profile LED LED Troffers Recessed	EA	\$156.93	\$206.07	\$0.00	\$363.00
113528	Geometric Surface mounted LED (13.75 X 42.175) LED Troffers Recessed	EA	\$156.93	\$423.66	\$0.00	\$580.59
113529	Columbia VSY14 Recessed LED Edge Lit Troffer LED Troffers Recessed	EA	\$156.93	\$292.56	\$0.00	\$449.49
113530	Geometric Surface mounted LED (6.25 X 39) LED Troffers Recessed	EA	\$156.93	\$423.66	\$0.00	\$580.59
113531	1' X 4' Surface Mounted LED Edge Lit Troffer LED Troffers Recessed	EA	\$156.93	\$248.68	\$0.00	\$405.61
113532	Columbia VSY14 Recessed LED Edge Lit Troffer LED Troffers Recessed	EA	\$156.93	\$292.56	\$0.00	\$449.49
113533	1' X 4' Recessed LED Edge Lit Troffer LED Troffers Recessed	EA	\$156.93	\$237.45	\$0.00	\$394.38
113534	12" Linear LED Cove LED Troffers Recessed	EA	\$78.46	\$94.72	\$0.00	\$173.18
113535	4' X 4' Recessed LED Edge Lit w/Acrylic Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$345.07	\$0.00	\$502.00
113536	2' X 4' LED Acrylic (TYPE 19) Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$216.31	\$0.00	\$373.24
113537	2' X 2' LED Acrylic (TYPE 19) Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$191.35	\$0.00	\$348.28

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		Units	Labor	Material	Equipment	Total
113538	1' X 4' LED Acrylic (Type 19) Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$165.11	\$0.00	\$322.04
113539	2' X 4' Metalux Lighting EncounterLED Troffer LED Troffers Recessed	EA	\$156.93	\$332.79	\$0.00	\$489.72
113540	2' X 2' LED Gasketed Damp Location Acrylic Panel LED Troffers Recessed	EA	\$156.93	\$305.91	\$0.00	\$462.84
113541	1' X 4' LED Recessed Troffer Damp Location LED Troffers Recessed	EA	\$156.93	\$165.11	\$0.00	\$322.04
113542	1' X 4' LED Gasketed Acrylic Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$331.51	\$0.00	\$488.44
113543	2' X 4' LED Gasketed Damp Location Acrylic Panel 66W LED Troffers Recessed	EA	\$156.93	\$382.71	\$0.00	\$539.64
113544	6" X 4' LED Lensed Volumetric Direct/Indirect Troffers LED Troffers Recessed	EA	\$156.93	\$190.71	\$0.00	\$347.64
113545	2' X 4' LED Lensed Volumetric Direct/Indirect Troffer LED Troffers Recessed	EA	\$156.93	\$250.87	\$0.00	\$407.80
113546	2' X 2' LED Lensed Volumetric Direct/Indirect Troffer LED Troffers Recessed	EA	\$156.93	\$225.27	\$0.00	\$382.20
113547	1' X 4' LED Lensed Volumetric Direct/Indirect Troffer LED Troffers Recessed	EA	\$156.93	\$165.11	\$0.00	\$322.04
113548	Lithonia EPANL 1' X 4' LED Panel LED Troffers Recessed	EA	\$156.93	\$127.98	\$0.00	\$284.91
113549	Lithonia EPANL 2' X 2' LED Flat Panel LED Troffers Recessed	EA	\$156.93	\$127.98	\$0.00	\$284.91
113550	Lithonia EPANL 2' X 4' LED Panel LED Troffers Recessed	EA	\$156.93	\$166.38	\$0.00	\$323.31
113551	2' X 4' LED Lensed Edge Lit W/EM LED Troffers Recessed	EA	\$156.93	\$294.38	\$0.00	\$451.31
113552	Elite Lighting 22-FPL 2' X 2' LED Panel LED Troffers Recessed	EA	\$156.93	\$193.27	\$0.00	\$350.20
113553	2' X 4' LED Surface Mounted Acrylic Panel Diffuser LED Troffers Recessed	EA	\$156.93	\$193.27	\$0.00	\$350.20
113554	2' X 4' Lumafilm Flexible LED Panels LED Troffers Recessed	EA	\$235.39	\$702.69	\$0.00	\$938.08
113555	LED 12" Square Surface Mounted Fixture LED Troffers Recessed	EA	\$156.93	\$149.75	\$0.00	\$306.68
113556	1' X 4' Lithonia SRTL LED Troffer LED Troffers Recessed	EA	\$156.93	\$234.96	\$0.00	\$391.89
113557	2' X 2' Lithonia SRTL LED Troffer LED Troffers Recessed	EA	\$156.93	\$261.17	\$0.00	\$418.10
113558	2' X 4' Lithonia SRTL LED Troffer LED Troffers Recessed	EA	\$156.93	\$289.21	\$0.00	\$446.14

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		Units	Labor	Material	Equipment	Total
113559	2' X 4' LED Vandal Proof Lensed Lay in LED Troffers Recessed	EA	\$196.17	\$446.70	\$0.00	\$642.87
113560	F-5 C Flex, RP-T5-4FT-2L-835-10V-10V-G2 LED Troffers Recessed	EA	\$170.58	\$86.57	\$0.37	\$257.52
113561	Mark Lighting Tunable White 2' X 4' LED Troffers Recessed	EA	\$156.93	\$324.80	\$0.00	\$481.73
113562	Mark Lighting Tunable White 2' X 2' LED Troffers Recessed	EA	\$156.93	\$277.26	\$0.00	\$434.19
26-51-15 LED Wall Mounted Interior Lighting						
113563	4' X 6" LED Surface Mounted Linear Wall LED Wall Surface	EA	\$156.93	\$239.35	\$0.00	\$396.28
113564	4' X 5" LED Surface Mounted Linear Wall LED Wall Surface	EA	\$156.93	\$222.71	\$0.00	\$379.64
113565	LED Cantilevered Surface Mounted Cove LED Wall Surface	EA	\$156.93	\$332.15	\$0.00	\$489.08
113566	6" iGiuzzini LED Wall LED Wall Surface	EA	\$235.39	\$520.94	\$0.00	\$756.33
113567	Exterior LED Cantilevered Surface Mounted Cove LED Wall Surface	EA	\$196.17	\$460.15	\$0.00	\$656.32
113568	3' Horizontal LED Bath Mirror LED Wall Surface	EA	\$156.93	\$183.03	\$0.00	\$339.96
113569	Visage Cylinder LED Sconce 2" X 13.5" LED Wall Surface	EA	\$156.93	\$492.15	\$0.00	\$649.08
113570	Linear LED Stair Riser LED Wall Surface	LF	\$11.76	\$148.47	\$0.00	\$160.23
113571	Primarysma MIMIC 30 Wall Mounted LED LED Wall Surface	EA	\$156.93	\$325.11	\$0.00	\$482.04
113572	Continuous LED Wall Glazer Color Kinetic LED Wall Surface	LF	\$31.38	\$125.44	\$0.00	\$156.82
113573	Cantilevered Bookcase Linear LED LED Wall Surface	LF	\$15.70	\$72.96	\$0.00	\$88.66
113574	Lithonia TWR1 LED LED Wall Surface	EA	\$156.93	\$171.51	\$0.00	\$328.44
113575	Daybright CSW 8' Surface Mounted LED LED Wall Surface	EA	\$274.63	\$537.58	\$0.00	\$812.21
113576	Alva Slim 32 Surface Mounted LED Sconce LED Wall Surface	EA	\$274.63	\$793.57	\$0.00	\$1,068.20
113577	Oxygen Lighting 2" LED Wall Mounted Vanity LED Wall Surface	EA	\$156.93	\$548.55	\$0.00	\$705.48
113578	Visa CB1852 LED Surface Mounted Wall Mirror LED Wall Surface	EA	\$156.93	\$403.18	\$0.00	\$560.11

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		Units	Labor	Material	Equipment	Total
113579	6' X 2" Cantilevered LED Linear Wall Washer LED Wall Surface	EA	\$156.93	\$450.03	\$0.00	\$606.96
113580	Tech Lighting LED Vanity Wall Sconce LED Wall Surface	EA	\$156.93	\$439.02	\$0.00	\$595.95
113581	Electric Mirror Bel-2442 LED Wall Surface	EA	\$235.39	\$3,155.99	\$0.00	\$3,391.38
113582	Finelite HP-4 8' Surface Mounted LED w/ Acrylic Lens LED Wall Surface	EA	\$235.39	\$665.57	\$0.00	\$900.96
113583	Finelite HP-4 4' Surface Mounted LED w/ Acrylic Lens LED Wall Surface	EA	\$156.93	\$332.79	\$0.00	\$489.72
113584	4' Lightstick LED Bath Mirror LED Wall Surface	EA	\$156.93	\$412.14	\$0.00	\$569.07
113585	ILP Cavern CV4 (Stairwell) LED Wall Surface	EA	\$156.93	\$273.91	\$0.00	\$430.84
113586	4' LED Bilevel Surface Mounted Wall (Stairwell) LED Wall Surface	EA	\$156.93	\$200.95	\$0.00	\$357.88
113587	8' Lithonia BLWP LED Surface Mounted Wall (Stairwell) LED Wall Surface	EA	\$196.17	\$337.91	\$0.00	\$534.08
113588	28" Teron Lighting Dunbar Up and Down Led LED Wall Surface	EA	\$156.93	\$332.02	\$0.00	\$488.95
113589	Metalux 4SWLED (Stairwell) LED Wall Surface	EA	\$156.93	\$210.12	\$0.00	\$367.05
113590	4' ALW LD2 (Ladder 2) LED Wall Surface	EA	\$39.24	\$2,415.75	\$0.00	\$2,454.99
113591	Allied Maker Contour Wall Lamp 22 LED Wall Surface	EA	\$156.93	\$3,509.32	\$0.00	\$3,666.25
113592	7" X 4' Direct/Indirect Wall Mounted Linear with Acrylic Lens LED Wall Surface	EA	\$156.93	\$303.35	\$0.00	\$460.28
113593	Hubbell Killard EML LED Vaportight Jelly Jar LED Wall Surface	EA	\$156.93	\$305.91	\$0.00	\$462.84
113594	Holophane HRLL LED Class1/ Division 2 Sconce LED Wall Surface	EA	\$196.17	\$689.89	\$0.00	\$886.06
113595	Halo Dusk to Dawn Twin Flood LED Wall Surface	EA	\$156.93	\$185.59	\$0.00	\$342.52
113596	Allied Maker Concentric 10 LED Wall Mount LED Wall Surface	EA	\$156.93	\$1,206.81	\$0.00	\$1,363.74
113597	Lumiere 303-W1-LEDB2 Wall Pack LED Wall Surface	EA	\$196.17	\$887.01	\$0.00	\$1,083.18
113598	Kim Lighting ARFX LED Wall Surface	EA	\$235.39	\$536.30	\$0.00	\$771.69
113599	Lemark Crosstour LED Wall Pack LED Wall Surface	EA	\$117.69	\$194.55	\$0.00	\$312.24
113600	Tech Lighting Aspen 15 LED Wall Surface	EA	\$156.93	\$344.31	\$0.00	\$501.24
113601	Lithonia WSQ LED LED Wall Surface	EA	\$196.17	\$743.65	\$0.00	\$939.82

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		Units	Labor	Material	Equipment	Total
113602	Lithonia WSTM LED LED Wall Surface	EA	\$156.93	\$223.99	\$0.00	\$380.92
113603	4' Surface Mounted Indirect LED Acrylic Lens LED Wall Surface	EA	\$156.93	\$290.55	\$0.00	\$447.48
113604	4' Surface Mounted Direct/Indirect LED Acrylic Lens LED Wall Surface	EA	\$156.93	\$162.55	\$0.00	\$319.48
113605	Delray ST1 Vanity light LED Wall Surface	EA	\$156.93	\$213.75	\$0.00	\$370.68
113606	Lightstick Vanity light LED Wall Surface	EA	\$156.93	\$421.10	\$0.00	\$578.03
113607	FCC 410P Exterior Location 4" Cylinder LED Wall Mounted Fixture LED Wall Surface	EA	\$196.17	\$464.62	\$0.00	\$660.79
113608	Exterior Location Wall Mounted LED Lantern LED Wall Surface	EA	\$156.93	\$298.23	\$0.00	\$455.16
113609	Deco Lighting D-443 LED Wall Sconce LED Wall Surface	EA	\$156.93	\$467.18	\$0.00	\$624.11
113610	Louis Polsen RIPLS LED Wall Sconce LED Wall Surface	EA	\$156.93	\$556.78	\$0.00	\$713.71
113611	Lithonia Ollwu Exterior LED Wall Sconce LED Wall Surface	EA	\$196.17	\$217.59	\$0.00	\$413.76
113612	Sistemalux Blitz LED Wall Sconce LED Wall Surface	EA	\$156.93	\$1,048.12	\$0.00	\$1,205.05
113613	Klus Design WP K 35 1220 LED Tape LED Wall Surface	LF	\$19.62	\$21.76	\$0.00	\$41.38
113614	Beta Calco 32 2755 LED Wall Sconce LED Wall Surface	EA	\$196.17	\$453.75	\$0.00	\$649.92
113615	Bega 22 295 LED Wall Sconce LED Wall Surface	EA	\$156.93	\$239.35	\$0.00	\$396.28
113616	Bega 22 385 LED Wall Sconce LED Wall Surface	EA	\$156.93	\$389.10	\$0.00	\$546.03
113617	Bega 22 395 LED Wall Sconce LED Wall Surface	EA	\$196.17	\$495.34	\$0.00	\$691.51
113618	Cooper Shaper 163-W LED Wall Sconce LED Wall Surface	EA	\$156.93	\$362.23	\$0.00	\$519.16
113619	RBW Crisp LED Wall Sconce LED Wall Surface	EA	\$156.93	\$494.91	\$0.00	\$651.84
113620	Electric Mirror Integrity Series LED Wall Surface	EA	\$313.86	\$1,434.76	\$0.00	\$1,748.62
113621	SPI Echo Blade LED Surface Mounted Wall LED Wall Surface	EA	\$156.93	\$466.51	\$0.00	\$623.44
113622	Bay Max LED High Bay LED Wall Recessed	EA	\$235.39	\$380.79	\$0.00	\$616.18
113623	BEGA 33687 LED Wall Recessed	EA	\$156.93	\$1,006.04	\$0.00	\$1,162.97
113624	Bartco BSS205 Continuous LED Vanity LED Wall Recessed	LF	\$19.62	\$79.36	\$0.00	\$98.98

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		Units	Labor	Material	Equipment	Total
113625	Bartco BSS210 Continuous LED Vanity LED Wall Recessed	EA	\$156.93	\$317.43	\$0.00	\$474.36
113626	AWL Triplane 2' Horizontal Direct/Indirect LED Bath/ Mirror LED Wall Recessed	EA	\$196.17	\$225.27	\$0.00	\$421.44
113627	Visage Vertical Vanity LED 3" X 24" LED Wall Recessed	EA	\$156.93	\$428.15	\$0.00	\$585.08
113628	Electric Mirror LED Wall Recessed	EA	\$196.17	\$805.09	\$0.00	\$1,001.26
113629	GVA Lighting STR9 Exterior Wall Washer LED Linear LED Wall Recessed	EA	\$156.93	\$579.82	\$0.00	\$736.75
26-51-16 Fluorescent Interior Lighting						
113630	2x4 Recessed Troffer 2L F32T8 Type 12 Lens Fluorescent	EA	\$156.93	\$130.92	\$0.00	\$287.85
113631	1x4 Recessed Fluorescent Lens 3L F32T8 Type 12 Fluorescent	EA	\$156.93	\$115.56	\$0.00	\$272.49
113632	1x4 Recessed Fluorescent Lens 2L F32T8 Type 12 Dimming Ballast Fluorescent	EA	\$156.93	\$141.89	\$0.00	\$298.82
113633	1x4 Recessed DW Fluorescent Lens 2L F32T8 Type 12 Fluorescent	EA	\$117.69	\$118.49	\$0.00	\$236.18
113634	9" Direct/Indirect Pendant 2L F32T8 Fluorescent	EA	\$156.93	\$342.30	\$0.00	\$499.23
113635	CMH 39W Par 20 Downlight Fluorescent	EA	\$156.93	\$228.20	\$0.00	\$385.13
113636	6" Recessed Downlight 1L 32W CFL Fluorescent	EA	\$156.93	\$156.52	\$0.00	\$313.45
113637	4' Edge Lit 4L F28T5 Pendent 126W Fluorescent	EA	\$156.93	\$583.66	\$0.00	\$740.59
113638	Direct/Indirect Rectangular Pendant Sten 3L Parabolic Baffle, Aluminum Fluorescent	EA	\$156.93	\$402.27	\$0.00	\$559.20
113639	4" X 12' Pendant Mounted Up/Down Linear 6L F28T5 Fluorescent	EA	\$313.86	\$1,000.56	\$0.00	\$1,314.42
113640	4" X 16' Pendant Mounted Up/Down Linear 8L F28T5 Fluorescent	EA	\$313.86	\$1,334.07	\$0.00	\$1,647.93
113641	4" X 20' Pendant Mounted Up/Down Linear 10L F28T5 Fluorescent	EA	\$470.79	\$1,667.59	\$0.00	\$2,138.38
113642	4" X 22' Pendant Mounted Up/Down Linear 8L F28T5 Fluorescent	EA	\$470.79	\$1,834.35	\$0.00	\$2,305.14
113643	4" X 4' Pendant Mounted Up/Down Linear 2L F28T5 Fluorescent	EA	\$156.93	\$333.52	\$0.00	\$490.45

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		Units	Labor	Material	Equipment	Total
113644	16" Direct Elliptical Pendant Fluorescent	EA	\$156.93	\$291.10	\$0.00	\$448.03
113645	4" X 4' Surface Mounted Linear Acrylic lens 1L F28T5 Fluorescent	EA	\$156.93	\$389.10	\$0.00	\$546.03
113646	5" X 8' Pendent Mounted Direct/Indirect Linear A19 lens 4L F28T5 Fluorescent	EA	\$235.39	\$778.21	\$0.00	\$1,013.60
113647	6" X 60" Tech Zone Style Fixture Fluorescent	EA	\$156.93	\$452.01	\$0.00	\$608.94
113648	Continuous 3" Recessed Linear 1L F32T8 Fluorescent	LF	\$23.54	\$71.68	\$0.00	\$95.22
113649	Direct/Indirect Rectangular Pendent Sten 2L Parabolic Baffle, Aluminum Fluorescent	EA	\$156.93	\$402.27	\$0.00	\$559.20
113650	Linear Direct/Indirect Pendent 2L Parabolic Baffle Fluorescent	EA	\$156.93	\$229.66	\$0.00	\$386.59
113651	36" Diameter Surface Mounted Fluorescent 3L Fluorescent	EA	\$313.86	\$582.19	\$0.00	\$896.05
113652	4' Linear Cantilever Mount Louvered Face 2L F28T5 Fluorescent	EA	\$156.93	\$457.86	\$0.00	\$614.79
113653	DIR PEND 6L DUAL LENS Fluorescent	EA	\$156.93	\$473.95	\$0.00	\$630.88
113654	CONCEALED COVE 2L SEMI-SPEC AL REF Fluorescent	EA	\$156.93	\$134.58	\$0.00	\$291.51
113655	WALL MNT COVE SURF 2L SEMI-SPEC REF Fluorescent	EA	\$156.93	\$339.37	\$0.00	\$496.30
113656	DIR/INDIR PEND STEM 9L POLYCARB REF 3 BLLST Fluorescent	EA	\$156.93	\$456.39	\$0.00	\$613.32
113657	2x4 Recessed Fluorescent Acrylic Lens 3L F28T5 Inboard/Outboard Fluorescent	EA	\$156.93	\$185.78	\$0.00	\$342.71
113658	8' Vertical Fluorescent Accent Light 1L T8 Smooth Acrylic Lens Fluorescent	EA	\$196.17	\$327.67	\$0.00	\$523.84
113659	Continuous Surface Mounted Cove 1L Fluorescent	LF	\$19.62	\$62.90	\$0.00	\$82.52
113660	4' Fluorescent Wall Washer 2L T5 Fluorescent	EA	\$117.70	\$222.35	\$0.00	\$340.05
113661	4' Surface Mount Micro Strip 1L F28T5 Fluorescent	EA	\$117.69	\$118.49	\$0.00	\$236.18
113662	6" Aperture Continuous Recessed Fluorescent Linear Fluorescent	LF	\$23.54	\$90.69	\$0.00	\$114.23
113663	8" X 4' 6Cell Parabolic Louver 1L F28T5 Fluorescent	EA	\$156.93	\$282.32	\$0.00	\$439.25

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		Units	Labor	Material	Equipment	Total
113664	6" Recessed Linear Fluorescent with Soft Glow Acrylic Lens Fluorescent	LF	\$19.62	\$53.39	\$0.00	\$73.01
113665	2x4 Recessed Procedure Fixture 3L Type 19 lens Fluorescent	EA	\$196.17	\$636.32	\$0.00	\$832.49
113666	Recessed Wall Washer Slot w/open Cross Blade Reflector Fluorescent	LF	\$19.62	\$38.03	\$0.00	\$57.65
113667	3" Wide Continuous Recessed Linear 1L Staggered Fluorescent	LF	\$19.62	\$70.21	\$0.00	\$89.83
113668	4" X 2' Recessed Narrow Profile 2L F17T5 Fluorescent	EA	\$156.93	\$203.33	\$0.00	\$360.26
113669	4" X 3' Recessed Narrow Profile 2L F21T5 Fluorescent	EA	\$156.93	\$267.69	\$0.00	\$424.62
113670	4" Wide Semi Recessed Continuous Linear 1L F32T8 Fluorescent	LF	\$15.70	\$52.66	\$0.00	\$68.36
113671	4' Strip with Fiberglass Housing 2L F32T Fluorescent	EA	\$196.17	\$343.76	\$0.00	\$539.93
113672	4" X 4' Surface Mounted Narrow Profile 1L F28T5 Fluorescent	EA	\$156.93	\$209.18	\$0.00	\$366.11
113673	8' 2L F96T8HO Cold/Wet Location Fiberglass Housing Fluorescent	EA	\$117.70	\$387.64	\$0.00	\$505.34
113674	4' 2L F32T8 Strip in Gasketed Fiberglass Housing Fluorescent	EA	\$196.17	\$381.79	\$0.00	\$577.96
113675	HIGH BAY Fluorescent 8L 42W CFL Fluorescent	EA	\$196.17	\$415.44	\$0.00	\$611.61
113676	8" X 4' 6 Cell Parabolic Louver 2L F32T8 Fluorescent	EA	\$156.93	\$282.32	\$0.00	\$439.25
113677	4 ' Open Industrial Pendant 2L F32T8 w/Wire Guard Fluorescent	EA	\$156.93	\$130.19	\$0.00	\$287.12
113678	Continuous Cove Light Staggered Lamp 1L F32T8 Fluorescent	LF	\$19.62	\$40.96	\$0.00	\$60.58
113679	2x4 Recessed Grid Ceiling Medium Security Troffer 2L F28T5 Fluorescent	EA	\$313.86	\$484.92	\$0.00	\$798.78
113680	2x4 Recessed Fluorescent Clean Room Fluorescent	EA	\$156.93	\$541.24	\$0.00	\$698.17
113681	4 ' Open Industrial Pendant 2L F32T8 Fluorescent	EA	\$117.70	\$114.10	\$0.00	\$231.80
113682	6" Recessed Downlight 1L 26W CFL Fluorescent	EA	\$156.93	\$169.68	\$0.00	\$326.61

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		Units	Labor	Material	Equipment	Total
113683	2x4 Recessed LED Gasketed Wet Label P12 Lens Fluorescent	EA	\$156.93	\$419.82	\$0.00	\$576.75
113684	Recessed 2 x 4 2L F32T8 Type 19 Lens Fluorescent	EA	\$117.70	\$136.04	\$0.00	\$253.74
113685	2x4 Direct/Indirectect Recessed 3L T8 Perf Lamp Shield Fluorescent	EA	\$156.93	\$245.75	\$0.00	\$402.68
113686	2' X 4' Recessed Troffer 3L F32T8 Gasketed Wet Location Type 19 Lens Fluorescent	EA	\$156.93	\$288.17	\$0.00	\$445.10
113687	1x4 Pattern 12 Lens Troffer 2L F32T8 Fluorescent	EA	\$117.69	\$118.49	\$0.00	\$236.18
113688	1' x 4' Direct/Indirect 2L F32T8 Prismatic Acrylic Lens w/ Bi Level Ballast Fluorescent	EA	\$156.93	\$228.20	\$0.00	\$385.13
113689	2' x 4' Direct/Indirect Troffer 3L F28T5 w/ Dimming Ballast Fluorescent	EA	\$156.93	\$244.43	\$0.00	\$401.36
113690	12" Recessed Wet Label 1L 57W CFL Fluorescent	EA	\$156.93	\$215.03	\$0.00	\$371.96
113691	2' x 4' Direct/Indirect Troffer 3L F28T5 w/ Dimming and Emergency Ballast Fluorescent	EA	\$196.17	\$288.32	\$0.00	\$484.49
113692	2x4 Recessed 2L F32T8 Type 12 Lens Fluorescent	EA	\$156.93	\$141.89	\$0.00	\$298.82
113693	2x2 Pattern 12 Lens Troffer 2L F17T8 Fluorescent	EA	\$117.69	\$108.25	\$0.00	\$225.94
113694	2x2 Recessed Direct/Indirect 2L F14T5 w/Emergency Ballast Fluorescent	EA	\$156.93	\$239.90	\$0.00	\$396.83
113695	2' x 2' Direct/Indirect Troffer 3L F14T5 w/Dimming Ballast Fluorescent	EA	\$156.93	\$215.18	\$0.00	\$372.11
113696	2' X 4' Recessed Troffer 3L F32T8 Type 19 Lens Fluorescent	EA	\$156.93	\$149.21	\$0.00	\$306.14
113697	6" Recessed Fluorescent Downlight 1L 32W Dimming Ballast Fluorescent	EA	\$156.93	\$217.96	\$0.00	\$374.89
113698	1' X 4' Recessed Fluorescent Type 19 Lens 2L F28T5 w/Emer Ballast Fluorescent	EA	\$156.93	\$166.76	\$0.00	\$323.69
113699	6" x 4' Recessed Slot 1L F28T5 w/ 3" Crossbaffle Fluorescent	EA	\$156.93	\$232.59	\$0.00	\$389.52
113700	1' X 4' Recessed Fluorescent Type 19 Lens 1L F32T8 Fluorescent	EA	\$156.93	\$137.50	\$0.00	\$294.43

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		Units	Labor	Material	Equipment	Total
113701	4' Under Counter Task Light 1L Fluorescent	EA	\$78.46	\$100.93	\$0.00	\$179.39
113702	4' Vandal Proof Wall 2L F28T5 Stairwell Fluorescent	EA	\$156.93	\$313.04	\$0.00	\$469.97
113703	8' X 6" Wall Mounted Cove Staggered Lamps 4L F32T8 Fluorescent	EA	\$313.86	\$492.23	\$0.00	\$806.09
113704	2' Wall Mirror 1L F17T8 UP/DWN Fluorescent	EA	\$156.93	\$170.42	\$0.00	\$327.35
113705	6" Recessed Downlight 1L 26W CFL w/ Emergency Ballast Fluorescent	EA	\$156.93	\$213.57	\$0.00	\$370.50
113706	8' X 6" Linear Staggered Lamps Frosted Acrylic Lens Flangeless edge Fluorescent	EA	\$313.86	\$492.23	\$0.00	\$806.09
113707	C Archer HWP3 Patient Fixture LED35 Fluorescent	EA	\$156.93	\$630.47	\$0.00	\$787.40
113708	4' Semi Indirect Wall 2L F32T8 Stairwell Fluorescent	EA	\$117.69	\$196.02	\$0.00	\$313.71
113709	2x4 Recessed Multi-Function Fixture w/Exam LT Fluorescent	EA	\$196.17	\$933.27	\$0.00	\$1,129.44
113710	4" Direct/Indirect Patient Room Multifunction Fluorescent	EA	\$117.69	\$453.47	\$0.00	\$571.16
113711	6" Recessed Downlight 1L 26W Wall Washer Fluorescent	EA	\$156.93	\$179.92	\$0.00	\$336.85
113712	6" Aperture Recessed Can 1L 35W CFL Damp Location Fluorescent	EA	\$156.93	\$174.07	\$0.00	\$331.00
113713	21" Diameter Semi Recessed Fluorescent 1L 32W CFL Fluorescent	EA	\$156.93	\$324.74	\$0.00	\$481.67
113714	8" Recessed Fluorescent Downlight 1L 32W Fluorescent	EA	\$117.69	\$169.68	\$0.00	\$287.37
113715	4.5" Aperture Recessed CFL Downlight 1L 32W Fluorescent	EA	\$117.70	\$198.94	\$0.00	\$316.64
113716	8" Recessed Fluorescent Downlight 1L F32TT MicroPrimarysm Lens Fluorescent	EA	\$117.69	\$171.15	\$0.00	\$288.84
113717	Column Mounted Wet Location Downlight 32W CFL Fluorescent	EA	\$156.93	\$223.81	\$0.00	\$380.74
113718	Vapor Tight Surface Mt 1L CFL Wet Loc Fluorescent	EA	\$117.70	\$70.36	\$0.00	\$188.06
113719	Lumetta 5ft Drum Fixture Fluorescent	EA	\$470.79	\$4,680.96	\$0.00	\$5,151.75
113720	Lumetta 3ft Drum Fixture Fluorescent	EA	\$235.39	\$1,755.36	\$0.00	\$1,990.75
113721	Lumetta 8ft Drum Fixture Fluorescent	EA	\$941.57	\$9,947.04	\$0.00	\$10,888.61

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		Units	Labor	Material	Equipment	Total
113722	18" Diameter Drum Fixture Fluorescent	EA	\$156.93	\$377.40	\$0.00	\$534.33
113723	22" Frosted Acrylic Diff With Dimmable LED Fluorescent	EA	\$313.86	\$822.09	\$0.00	\$1,135.95
113724	Max Security Recessed Wet Location Can 1L 6" APERTURE Fluorescent	EA	\$156.93	\$373.01	\$0.00	\$529.94
113725	Emergency Battery Pack w/2 - heads Fluorescent	EA	\$117.70	\$116.88	\$0.00	\$234.58
113726	4" X 4' Recessed Linear 1L F32T8 Fluorescent	LF	\$19.62	\$52.66	\$0.00	\$72.28
113727	4 ' Surface Mounted Stairwell Wrap 1L F28T5 Fluorescent	EA	\$117.70	\$128.73	\$0.00	\$246.43
113728	Continuous 4" Pendent Mounted Linear 1L F32T8 w/Satin Lens Fluorescent	LF	\$23.54	\$83.38	\$0.00	\$106.92
113729	4" X 6' Recessed Linear 1L F32T8 w/Opal Lens Fluorescent	EA	\$156.93	\$456.39	\$0.00	\$613.32
113730	4" X 2' Recessed Linear 1L F32T8 w/Opal Lens Fluorescent	EA	\$156.93	\$152.13	\$0.00	\$309.06
113731	4" X 4' Recessed Linear 1L F32T8 w/Opal Lens Fluorescent	EA	\$156.93	\$304.26	\$0.00	\$461.19
113732	4" X 4' Recessed Linear Damp Location 1L F32T8 w/Opal Lens Fluorescent	EA	\$156.93	\$348.15	\$0.00	\$505.08
113733	4" X 4' Recessed Lay in Linear Damp Location 1L F32T8 w/Opal Lens Fluorescent	EA	\$156.93	\$348.15	\$0.00	\$505.08
113734	Pool Light 40' Light Tube 2L 1000W MH Fluorescent	EA	\$627.72	\$13,896.60	\$0.00	\$14,524.32
113735	In Floor Uplight 18W LED Fluorescent	EA	\$156.93	\$406.66	\$0.00	\$563.59
113736	Continuous Recessed Wall Washer Slot w/open Para Reflector Fluorescent	LF	\$19.62	\$58.15	\$0.00	\$77.77
113737	4' 2L Strip F32T8 Fiberglass Housing Fluorescent	EA	\$156.93	\$244.29	\$0.00	\$401.22
113738	1' X 8' Direct/Indirect 2L F96T8 Fluorescent	EA	\$156.93	\$253.06	\$0.00	\$409.99
113739	6"x 4' Pendent Mounted Acrylic Lensed 1L F32T8 Fluorescent	EA	\$156.93	\$134.58	\$0.00	\$291.51
113740	8' X 4" Recessed Slot Staggered Lamps Satin Lens Flangeless edge Fluorescent	EA	\$313.86	\$491.50	\$0.00	\$805.36

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		Units	Labor	Material	Equipment	Total
113741	8' X 6" Recessed Linear Staggered Lamps Frosted Acrylic Lens Fluorescent	EA	\$313.86	\$638.51	\$0.00	\$952.37
113742	1' x 4' Recessed Gasketed, Tamper Resistant Damp Location 2L F32T8 Fluorescent	EA	\$156.93	\$332.06	\$0.00	\$488.99
113743	8' Vertical Fluorescent Cylinder Pendent Light 1L T8 Smooth Acrylic Lens Fluorescent	EA	\$313.86	\$1,790.47	\$0.00	\$2,104.33
26-51-23 HID Interior Lighting						
113744	HID Recessed Wet Location Downlight 1L 70W	EA	\$156.93	\$332.79	\$0.00	\$489.72
113745	HID Recessed Downlight 1L 39W MH w/Quartz Restrike	EA	\$156.93	\$308.47	\$0.00	\$465.40
113746	21" High Bay w/Wire Guard 250W MH	EA	\$235.39	\$465.55	\$0.00	\$700.94
113747	24" High Bay w/Wire Guard 400W MH	EA	\$235.39	\$542.35	\$0.00	\$777.74
113748	Wall Mounted Cylinder Sconce 1L 39W CMH	EA	\$156.93	\$317.43	\$0.00	\$474.36
26-55-00 Special Purpose Lighting						
26-55-13 Utility Lighting						
113749	Lithonias FEM 4' LED Light Stripe w/fiberglass Enclosure LED Utility Pendant	EA	\$156.93	\$304.63	\$0.00	\$461.56
113750	4' Open Industrial Pendent LED Light Stripe LED Utility Pendant	EA	\$156.93	\$134.39	\$0.00	\$291.32
113751	4' Open Industrial Pendent LED Light Stripe w/Wireguard LED Utility Pendant	EA	\$156.93	\$157.43	\$0.00	\$314.36
113752	4' LED Pendant Light Stripe w/fiberglass Enclosure LED Utility Pendant	EA	\$156.93	\$295.67	\$0.00	\$452.60
113753	Metalux SNLED 2' Surface Mount LED Utility Pendant	EA	\$156.93	\$97.28	\$0.00	\$254.21
113754	Metalux LBLED 4' Pendent Mount LED Utility Pendant	EA	\$156.93	\$225.27	\$0.00	\$382.20
113755	Metalux 4WSL LED 4' Pendent LED Utility Pendant	EA	\$156.93	\$273.91	\$0.00	\$430.84
113756	Metalux SNLED 8' Pendent LED Utility Pendant	EA	\$235.39	\$407.02	\$0.00	\$642.41
113757	Cree LS4 4' Pendent LED Wrapped Light Stripe LED Utility Pendant	EA	\$156.93	\$194.55	\$0.00	\$351.48
113758	Cree LS4 8' Pendent LED Wrapped Light Stripe LED Utility Pendant	EA	\$235.39	\$314.87	\$0.00	\$550.26
113759	Lithonia IBG LED Utility Pendant	EA	\$156.93	\$266.96	\$0.00	\$423.89
113760	Lithonia JCBL 21" High Bay LED Utility Pendant	EA	\$196.17	\$641.93	\$0.00	\$838.10
113761	Lithonia JEBL 18" High Bay LED Utility Pendant	EA	\$196.17	\$238.07	\$0.00	\$434.24

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		Units	Labor	Material	Equipment	Total
113762	Metallux HB 48"LED High Bay Chain Hung LED Utility Pendant	EA	\$235.39	\$216.31	\$0.00	\$451.70
113763	Lithonia ZL2N 48" Narrow LED Strip Chain Hung LED Utility Pendant	EA	\$117.69	\$213.75	\$0.00	\$331.44
113764	Lithonia ZLIN 48" Narrow LED Strip Chain Hung LED Utility Pendant	EA	\$117.69	\$157.43	\$0.00	\$275.12
113765	Axis Beam 6 Linear LED Pendant LED Utility Pendant	EA	\$156.93	\$852.17	\$0.00	\$1,009.10
113766	Underwater Luminaire 2W RGB LED LED Utility Recessed	EA	\$235.39	\$808.93	\$0.00	\$1,044.32
113767	Lithonia CLX48 LED Light Stripe LED Utility Recessed	EA	\$156.93	\$124.80	\$0.00	\$281.73
113768	4' Lensed Surface Mount LED Light Stripe LED Utility Recessed	EA	\$156.93	\$147.19	\$0.00	\$304.12
113769	Lithonia FM 48" LED LED Utility Recessed	EA	\$117.69	\$149.75	\$0.00	\$267.44
113770	Lithonia ZLIN 48" Narrow LED Strip Chain Hung w/ Emer Ballast LED Utility Recessed	EA	\$156.93	\$184.31	\$0.00	\$341.24
113771	Lithonia OLCFM 12" Round 17W LED Soffit Fixture LED Utility Recessed	EA	\$117.69	\$143.35	\$0.00	\$261.04
113772	Illunox Continuous LED Hand Rail LED Utility Recessed	LF	\$31.38	\$1,301.71	\$0.00	\$1,333.09
113773	LED large surface back lighting LED Utility Recessed	SF	\$11.76	\$24.32	\$0.00	\$36.08
113774	Sure-Lite SEL 50 Two Head Wall Mounted LED Battery LED Utility Recessed	EA	\$117.69	\$158.70	\$0.00	\$276.39
113775	Recessed in grade White LED LED Utility Recessed	EA	\$156.93	\$432.62	\$0.00	\$589.55
113776	4 ' Open Industrial Pendent LED Light Stripe w/Reflector LED Utility Recessed	EA	\$117.70	\$108.15	\$0.00	\$225.85
113777	LED Night Light LED Utility Recessed	EA	\$117.69	\$104.96	\$0.00	\$222.65
113778	8.5" LED Light Sheet LED Utility Recessed	EA	\$156.93	\$3,024.52	\$0.00	\$3,181.45
113779	LED Parking Lot Fixture 104W LED Utility Recessed	EA	\$156.93	\$862.69	\$0.00	\$1,019.62
113780	Exterior Recessed Stainless Steel LED Up Light LED Utility Recessed	EA	\$156.93	\$216.31	\$0.00	\$373.24
113781	Vandal Proof LED Battery Backed Up Soffit Fixture LED Utility Recessed	EA	\$156.93	\$408.30	\$0.00	\$565.23
113782	Recessed LED Step Light LED Utility Recessed	EA	\$156.93	\$412.14	\$0.00	\$569.07
113783	Exterior mounted LED Slot LED Utility Recessed	EA	\$156.93	\$446.70	\$0.00	\$603.63
113784	Mercury Lighting LW10 LED Utility Surface	EA	\$156.93	\$312.31	\$0.00	\$469.24

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		Units	Labor	Material	Equipment	Total
113785	Mercury Lighting Alt Mounting Pack LED Utility Surface	EA	\$78.46	\$48.64	\$0.00	\$127.10
113786	4 ' LED Light Stripe w/fiberglass Enclosure LED Utility Surface	EA	\$156.93	\$270.07	\$0.00	\$427.00
113787	4 ' LED Light Stripe w/Class 1, Division 2 Enclosure LED Utility Surface	EA	\$196.17	\$743.65	\$0.00	\$939.82
113788	2 ' LED Light Stripe w/fiberglass Enclosure LED Utility Surface	EA	\$156.93	\$152.31	\$0.00	\$309.24
113789	2" X 4' LED Vapor Tight LED Utility Surface	EA	\$156.93	\$398.06	\$0.00	\$554.99
113790	2 ' LED Explosion Resistant w/fiberglass Enclosure LED Utility Surface	EA	\$156.93	\$204.79	\$0.00	\$361.72
113791	48" Damp Location Motion Sensing Surface Mounted Linear LED LED Utility Surface	EA	\$156.93	\$380.15	\$0.00	\$537.08
113792	Datasheet Rigo Line 100 4" X 6' LED Utility Surface	EA	\$156.93	\$298.35	\$0.00	\$455.28
113793	Axis " Primaryme " LED Utility Surface	LF	\$39.24	\$70.70	\$0.00	\$109.94
113794	Lithonia FEM Fiberglass enclosed LED Utility Surface	EA	\$156.93	\$249.59	\$0.00	\$406.52
113795	Lithonia CLX L48 LED Strip LED Utility Surface	EA	\$156.93	\$168.22	\$0.00	\$325.15
113796	Lithonia ZLIN 48" Narrow LED Wall Mounted Strip LED Utility Surface	EA	\$117.69	\$157.43	\$0.00	\$275.12
113797	McGraw Edison LED Parking Deck Fixture 56W 3500K LED Utility Surface	EA	\$156.93	\$703.97	\$0.00	\$860.90
113798	RAB VXBR LED LED Utility Surface	EA	\$156.93	\$472.97	\$0.00	\$629.90
113799	Metalux SNLED Surface Mounted Strip LED Utility Surface	EA	\$156.93	\$175.35	\$0.00	\$332.28
113800	Continuous 1" wide Weatherproof LED Tape LED Utility Surface	LF	\$19.62	\$21.76	\$0.00	\$41.38
113801	Lithonia Indura Two Head Wall Mounted LED Battery LED Utility Surface	EA	\$117.69	\$317.32	\$0.00	\$435.01
113802	Sure-Lite SEL 50 Two Head Wall Mounted LED Battery LED Utility Surface	EA	\$117.69	\$158.70	\$0.00	\$276.39
113803	Kenall Millenium Metrex Two Head Wall Mounted LED Battery LED Utility Surface	EA	\$125.55	\$160.66	\$0.00	\$286.21
113804	LSI LED Parking Deck Fixture 68W 5000K, 4000 Lumens LED Utility Surface	EA	\$156.93	\$543.98	\$0.00	\$700.91
113805	Hubbell Sedona Garage Fixture LED Utility Surface	EA	\$156.93	\$819.17	\$0.00	\$976.10

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		Units	Labor	Material	Equipment	Total
113806	Cooper VT1730 Vapor Tight fixture with LED Lamp LED Utility Surface	EA	\$156.93	\$82.49	\$0.00	\$239.42
113807	Trace Lite Vapor Tight fixture with LED Lamp LED Utility Surface	EA	\$156.93	\$126.85	\$0.00	\$283.78
113808	Single Circuit Surface Mounted Track LED Utility Surface	LF	\$31.38	\$9.40	\$0.00	\$40.78
113809	Edison Primaryce Sightline Surface Mounted Track LED Utility Surface	LF	\$31.38	\$10.24	\$0.00	\$41.62
113810	LED Black Cylinder Track Head 32 degree LED Utility Surface	EA	\$19.62	\$136.95	\$0.00	\$156.57
113811	LED 48W Track Head 25 degree LED Utility Surface	EA	\$19.62	\$131.83	\$0.00	\$151.45
113812	Edison Primaryce MiniMax O Adjustable Cylinder Track Head LED Utility Surface	EA	\$19.62	\$136.95	\$0.00	\$156.57
113813	Luminii Kendo LED Undercounter Fixture LED Utility Surface	LF	\$19.62	\$112.64	\$0.00	\$132.26
113814	Columbia CUC LED Undercounter Fixture LED Utility Surface	LF	\$19.62	\$48.64	\$0.00	\$68.26
113815	NovaFlex Series 64 Continuous LED Light Tape LED Utility Surface	LF	\$11.76	\$26.82	\$0.00	\$38.58
113816	NovaFlex Series 120 Continuous LED Light Tape LED Utility Surface	LF	\$11.76	\$31.23	\$0.00	\$42.99
113817	Flexible Light Emitting Sheet LED Utility Surface	SF	\$19.62	\$37.12	\$0.00	\$56.74
113818	Stencil-Flex SFTDUTA Track LED Utility Surface	LF	\$39.24	\$21.80	\$0.00	\$61.04
113819	Decoritive Pendant Track Head LED Utility Surface	EA	\$19.62	\$238.13	\$0.00	\$257.75
113820	Pendent Mounted Single Circuit Track LED Utility Surface	LF	\$19.62	\$5.63	\$0.00	\$25.25
113821	Two Circuit Track LED Utility Surface	LF	\$19.62	\$7.17	\$0.00	\$26.79
113822	Track Head PAR 20 50W MR16 LED Utility Surface	EA	\$19.62	\$33.28	\$0.00	\$52.90
113823	Track Head Accent LED LED Utility Surface	EA	\$19.62	\$164.99	\$0.00	\$184.61
113824	Times Square CR80 LED Track Head LED Utility Surface	EA	\$19.62	\$101.12	\$0.00	\$120.74
113825	Two Circuit Surface Mounted Track LED Utility Surface	LF	\$31.38	\$4.28	\$0.00	\$35.66
113826	LiteLab A01 LED Track Head LED Utility Surface	EA	\$19.62	\$49.92	\$0.00	\$69.54
113827	Track Head LED High Output LED Utility Surface	EA	\$19.62	\$214.06	\$0.00	\$233.68
113828	Juno UPLED 14" Undercounter Fixture LED Utility Surface	EA	\$117.69	\$108.80	\$0.00	\$226.49

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		Units	Labor	Material	Equipment	Total
113829	Juno UPLED 40" Undercounter Fixture LED Utility Surface	EA	\$156.93	\$309.63	\$0.00	\$466.56
113830	Fail Safe UCL LED Undercounter Fixture LED Utility Surface	LF	\$15.70	\$91.19	\$0.00	\$106.89
113831	4' LED Undercounter Fixture LED Utility Surface	EA	\$117.69	\$178.05	\$0.00	\$295.74
113832	LED Parking Deck Fixture 56W 5000K, 4000 Lumens LED Utility Surface	EA	\$156.93	\$863.97	\$0.00	\$1,020.90
113833	LED Parking Deck Fixture 56W 5000K, 4000 Lumens w/PC LED Utility Surface	EA	\$156.93	\$883.17	\$0.00	\$1,040.10
113834	Cantilevered uplight RGB LED LED Utility Surface	EA	\$156.93	\$949.72	\$0.00	\$1,106.65
113835	Allied Maker Dome Table Lamp LED Utility Surface	EA	\$19.62	\$1,145.86	\$0.00	\$1,165.48
113836	16' Light Support Pole w/mounting brackets LED Utility Surface	EA	\$156.93	\$134.39	\$0.00	\$291.32
113837	Pole Mounted LED Flood Light LED Utility Surface	EA	\$117.69	\$113.92	\$0.00	\$231.61
113838	Teka Beacon Exterior Surface Mounted LED 12" Shade LED Utility Surface	EA	\$156.93	\$446.70	\$0.00	\$603.63
113839	Teka Large Beacon Exterior Surface Mounted LED 27" Shade LED Utility Surface	EA	\$156.93	\$528.62	\$0.00	\$685.55
113840	Exterior Surface Mounted LED Gardco 101L LED Utility Surface	EA	\$156.93	\$433.90	\$0.00	\$590.83
113841	Exterior Surface Mounted LED Gardco SFC LED Utility Surface	EA	\$196.17	\$1,187.79	\$0.00	\$1,383.96
113842	Alboe AHH1 LED Loading dock Fixture LED Utility Surface	EA	\$156.93	\$895.96	\$0.00	\$1,052.89
113843	Sure-Lite EUX LED EXIT Ceiling Mt LED Utility Surface	EA	\$156.93	\$431.34	\$0.00	\$588.27
113844	Lithonia 129W LED Flood LED Utility Surface	EA	\$196.17	\$741.09	\$0.00	\$937.26
113845	Morris 73442 Exit/Emergency Combo LED LED Utility Surface	EA	\$156.93	\$113.92	\$0.00	\$270.85
113846	Lithonia Edge W-1-R EXIT Sign LED Utility Surface	EA	\$117.69	\$145.18	\$0.00	\$262.87
113847	Isolite MIGN LED Utility Surface	EA	\$156.93	\$415.98	\$0.00	\$572.91
113848	Sure-Lite LPX Red LED EXIT Ceiling/Wall Mt LED Utility Surface	EA	\$156.93	\$147.50	\$0.00	\$304.43
113849	Encore UNO Edge Lit LED EXIT Sign LED Utility Surface	EA	\$117.69	\$219.99	\$0.00	\$337.68
113850	Williams Wet Location LED EXIT Wall Mt LED Utility Surface	EA	\$156.93	\$165.49	\$0.00	\$322.42

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		Units	Labor	Material	Equipment	Total
113851	Cree KR4 4" Exterior LED Down Light LED Utility Surface	EA	\$117.70	\$177.91	\$0.00	\$295.61
113852	Lithonia LQM Series EXIT Sign LED Utility Surface	EA	\$117.69	\$91.73	\$0.00	\$209.42
113853	4 ' Surface Mounted 42W 5000K LED Light Stripe w/Lens LED Utility Surface	EA	\$156.93	\$203.51	\$0.00	\$360.44
113854	4 ' Surface Mounted 42W 5000K LED Light Stripe w/Emer Ballast LED Utility Surface	EA	\$156.93	\$229.11	\$0.00	\$386.04
26-55-61 Theatrical Lighting						
113855	DMX Two Circuit Track	LF	\$39.24	\$84.72	\$0.00	\$123.96
113856	DMX Adjustable Floor Track Mount	EA	\$78.46	\$323.04	\$0.00	\$401.50
113857	DMX Adjustable Accent Track Mount	EA	\$78.46	\$223.08	\$0.00	\$301.54
113858	DMX Controls and set up	EA	\$1,255.43	\$6,985.17	\$0.00	\$8,240.60
113859	Clarus 8LE-MX3 LED Downlight	EA	\$156.93	\$239.35	\$0.00	\$396.28
113860	Clarus 8LEC-MX3 LED Pendant	EA	\$156.93	\$259.83	\$0.00	\$416.76
113861	SSRC WK LED 100-W	EA	\$156.93	\$991.23	\$0.00	\$1,148.16
113862	Rigging Plug Box for Mounted Lighting	EA	\$156.93	\$199.03	\$0.00	\$355.96
113863	CRP	EA	\$156.93	\$163.09	\$0.00	\$320.02
113864	Control and Network Devices	EA	\$10,043.46	\$109,466.20	\$0.00	\$119,509.66
113865	Power Control and Distribution Devices	EA	\$10,043.46	\$81,307.30	\$0.00	\$91,350.76
113866	Company Switches	EA	\$2,510.86	\$21,027.75	\$0.00	\$23,538.61
113867	Ceiling Downlighting Luminaires and Accessories	EA	\$25,108.64	\$341,685.70	\$0.00	\$366,794.34
113868	ETC Color Source DMX Controller	EA	\$627.72	\$3,363.71	\$0.00	\$3,991.43
113869	Chauvet Colorado Batten	EA	\$313.86	\$1,201.87	\$0.00	\$1,515.73
113870	ETC UH 10005	EA	\$156.93	\$208.63	\$0.00	\$365.56
113871	ETC Com	EA	\$15,692.90	\$1,279.95	\$0.00	\$16,972.85
113872	ETC FW40	EA	\$627.72	\$3,583.86	\$0.00	\$4,211.58
113873	ETC UH 10010	EA	\$156.93	\$277.75	\$0.00	\$434.68
113874	ETC ion XE20	EA	\$627.72	\$3,347.07	\$0.00	\$3,974.79
113875	ETC ULCD	EA	\$156.93	\$241.91	\$0.00	\$398.84
113876	ETC TS2	EA	\$627.72	\$4,205.92	\$0.00	\$4,833.64
113877	ETC UF MP4	EA	\$313.86	\$831.97	\$0.00	\$1,145.83
113878	ETC ERN 4	EA	\$627.72	\$3,701.62	\$0.00	\$4,329.34
113879	ETC Sensor SR3-48	EA	\$1,255.43	\$7,788.50	\$0.00	\$9,043.93
113880	ETC 436 LED Ellipsoidal Theatrical Light	EA	\$117.69	\$771.63	\$0.00	\$889.32
113881	Chauvet Maverack MK2 Theatrical Spot Light	EA	\$627.72	\$6,142.48	\$0.00	\$6,770.20
113882	ETC Colourse Theatre Light	EA	\$313.86	\$1,030.36	\$0.00	\$1,344.22
113883	ETC/HPL 750W Theatrical Light	EA	\$313.86	\$983.00	\$0.00	\$1,296.86
113884	Par 38 6' - 12 Fixture Border Light	EA	\$627.72	\$862.69	\$0.00	\$1,490.41
113885	Color Kinetics Color Burst	EA	\$235.39	\$825.57	\$0.00	\$1,060.96
113886	ETC/S4 Par 64 575W Theatrical Light	EA	\$313.86	\$614.38	\$0.00	\$928.24
113887	Canto 1200 MDS Long Throw Follow Spot	EA	\$313.86	\$1,022.68	\$0.00	\$1,336.54
113888	Chroma Q 48	EA	\$470.79	\$4,300.63	\$0.00	\$4,771.42
113889	Chauvet Ovation E-160WW	EA	\$313.86	\$1,278.67	\$0.00	\$1,592.53

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		Units	Labor	Material	Equipment	Total
113890	Gotham EV04 Recessed LED Downlight	EA	\$156.93	\$266.96	\$0.00	\$423.89
113891	Gotham IC04ADJ Recessed LED Downlight	EA	\$156.93	\$330.35	\$0.00	\$487.28
113892	RAB VXBR LED	EA	\$313.86	\$894.75	\$0.00	\$1,208.61
113893	Beacon Theatrical LED Aisle Lights	EA	\$78.46	\$142.07	\$0.00	\$220.53
113894	Jesco Lighting LED Rope lighting	LF	\$2.36	\$6.40	\$0.00	\$8.76
113895	Theatrical House Light Lifter	EA	\$313.86	\$928.10	\$0.00	\$1,241.96
113896	House Light Dimming Panel	EA	\$3,138.58	\$3,622.26	\$0.00	\$6,760.84
113897	Wireless Intercom Base	EA	\$313.86	\$761.57	\$0.00	\$1,075.43
113898	Wireless Intercom Personal Devices	EA	\$39.24	\$287.99	\$0.00	\$327.23
113899	Stage Manager Dimming Panel	EA	\$3,138.58	\$9,215.64	\$0.00	\$12,354.22
113900	Rack Mounted Dimming System (24 Dimmers)	EA	\$1,883.15	\$7,935.69	\$0.00	\$9,818.84
113901	Rack Mounted Dimming Module (48 dimmers)	EA	\$627.72	\$10,105.21	\$0.00	\$10,732.93
113902	Rack Mounted Dimming Module (96 dimmers)	EA	\$6,277.16	\$72,292.49	\$0.00	\$78,569.65
113903	Mid America DWR	EA	\$313.86	\$1,022.68	\$0.00	\$1,336.54
113904	3' Mic Cord	EA	\$19.62	\$13.77	\$0.00	\$33.39
113905	Mic Cord	LF	\$0.63	\$0.33	\$0.00	\$0.96
113906	Cue Light Converter	EA	\$313.86	\$364.79	\$0.00	\$678.65
113907	NuDelta Digital Master Controller	EA	\$627.72	\$1,151.96	\$0.00	\$1,779.68
113908	Theatrical Lighting Multi Circuit Batten	LF	\$117.69	\$108.80	\$0.00	\$226.49
113909	Rigging Pipe for Lighting	LF	\$5.89	\$15.55	\$0.00	\$21.44
113910	Rigging Mounted Lighting Cable	LF	\$3.14	\$8.13	\$0.00	\$11.27
113911	Rigging Mounted Lighting Disconnect	EA	\$313.86	\$467.18	\$0.00	\$781.04
113912	Rigging Local J-Box for Mounted Lighting	EA	\$627.72	\$199.04	\$0.00	\$826.76
113913	Mosaic Tessera DMX Controller	EA	\$1,255.43	\$1,401.55	\$0.00	\$2,656.98
113914	Mosaic DMX Remote I/O	EA	\$313.86	\$377.59	\$0.00	\$691.45
113915	DMX Single Port	EA	\$156.93	\$538.49	\$0.00	\$695.42
113916	DMX/RDM Opto-Splitter	EA	\$313.86	\$746.21	\$0.00	\$1,060.07
113917	DMX Software and Programming	EA	\$2,510.86	\$7,154.92	\$0.00	\$9,665.78
113918	Belden 9829 DMX Cable	LF	\$2.36	\$3.62	\$0.00	\$5.98
113919	DMX Connector	EA	\$19.62	\$20.16	\$0.00	\$39.78
113920	SPI Echo Blade	EA	\$156.93	\$902.06	\$0.00	\$1,058.99
113921	CBX-ST Lumenpulse Daisey Chain Box	EA	\$156.93	\$1,126.34	\$0.00	\$1,283.27
113922	Programming	EA	\$1,255.43	\$0.00	\$0.00	\$1,255.43
113923	Neutrik PowerCon Connectors	EA	\$78.46	\$12.48	\$0.00	\$90.94
113924	Luminated "On Air" Fixture	EA	\$156.93	\$232.95	\$0.00	\$389.88
113925	Theater Lighting System	SF	\$7.84	\$11.52	\$0.00	\$19.36
113926	Gotham Incito (House Lights)	EA	\$235.39	\$510.70	\$0.00	\$746.09
113927	Luminpulse LOGP RGBW	EA	\$235.39	\$1,240.27	\$0.00	\$1,475.66
113928	Luminfacade Nano LOGNI RGBW	EA	\$235.39	\$1,090.52	\$0.00	\$1,325.91
113929	Lumenpulse Lumenbeam Large	EA	\$313.86	\$1,288.91	\$0.00	\$1,602.77
113930	Luminpulse Lumin Quad Grande	EA	\$313.86	\$2,159.28	\$0.00	\$2,473.14
113931	Meteor Signum 10 Series	EA	\$156.93	\$853.73	\$0.00	\$1,010.66
113932	Luminbeam LXB	EA	\$235.39	\$1,316.82	\$0.00	\$1,552.21
113933	Lumini KMW RGBW	EA	\$235.39	\$1,211.69	\$0.00	\$1,447.08
26-55-68 Athletic Field Lighting						
113934	SPI Echo Sconce Hub Mount	EA	\$235.39	\$620.78	\$0.00	\$856.17
113935	SPI Echo Round 1000W MH	EA	\$313.86	\$1,932.72	\$0.00	\$2,246.58

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		Units	Labor	Material	Equipment	Total
113936	Hubbell SLS 1000h Athletic Sports	EA	\$313.86	\$634.86	\$0.00	\$948.72
113937	Musco 400W LED Arena Fixtures	EA	\$313.86	\$1,556.42	\$0.00	\$1,870.28
113938	Supersport 2 400W LED Sports light	EA	\$313.86	\$2,073.52	\$0.00	\$2,387.38
113939	SPI ECHO Round 800W MH	EA	\$313.86	\$760.29	\$0.00	\$1,074.15
113940	GLA 6L Fluorescent High Bay	EA	\$196.17	\$431.34	\$0.00	\$627.51
113941	22" Diameter 102W LED High Bay	EA	\$196.17	\$491.50	\$0.00	\$687.67
113942	Columbia PEL High Bay	EA	\$196.17	\$431.34	\$0.00	\$627.51
113943	Lux Dynamics IK10 High Bay	EA	\$313.86	\$1,300.43	\$0.00	\$1,614.29
113944	Gravitas Pro Line 1000W	EA	\$196.17	\$574.70	\$0.00	\$770.87
113945	Hubbell LED High Bay Columbia LLPH	EA	\$235.39	\$959.96	\$0.00	\$1,195.35
113946	Lithonia IBH High Bay	EA	\$196.17	\$427.50	\$0.00	\$623.67
113947	Lithonia JCBL High Bay	EA	\$196.17	\$449.26	\$0.00	\$645.43
113948	Metalux Steeler High Bay	EA	\$313.86	\$524.77	\$0.00	\$838.63
113949	Continuous Light Pipe	LF	\$27.46	\$148.47	\$0.00	\$175.93
113950	Ameritrix ASY LED Double Pendant	EA	\$470.79	\$2,320.55	\$0.00	\$2,791.34
113951	Ameritrix ASY LED Pendant	EA	\$313.86	\$1,296.59	\$0.00	\$1,610.45
113952	Lite Truss Racking System	LF	\$78.46	\$101.12	\$0.00	\$179.58
113953	Lite Truss 1000W Spots	EA	\$313.86	\$1,299.15	\$0.00	\$1,613.01
113954	Lite Truss 741W LED Spots	EA	\$313.86	\$1,304.27	\$0.00	\$1,618.13
113955	Lite Truss WP Speakers	EA	\$156.93	\$405.74	\$0.00	\$562.67
113956	Lite Truss 388 W DMX LED Spots	EA	\$313.86	\$2,069.68	\$0.00	\$2,383.54
113957	Sealed Pool Fixtures 70LED w 100' cord	EA	\$235.39	\$977.53	\$0.00	\$1,212.92
113958	NewStar 37M22 LED Racquet Court Fixtures	EA	\$196.17	\$896.27	\$0.00	\$1,092.44
113959	Racquet Court Fixtures 6L 54W T5HO w/Emergency Ballast	EA	\$196.17	\$467.18	\$0.00	\$663.35
113960	Fixture racks and rigging	EA	\$9,415.74	\$74,877.08	\$0.00	\$84,292.82
113961	Ephesus Lumadapt 8 LED Arena Spots	EA	\$313.86	\$2,219.43	\$0.00	\$2,533.29
113962	Metalux OHB 2' X 4' High Bay Pendants	EA	\$235.39	\$291.83	\$0.00	\$527.22
113963	Ephesus All Spot 750W LED Stadium Spots	EA	\$627.72	\$2,475.42	\$0.00	\$3,103.14
113964	Musco 1000W LED Stadium Spots	EA	\$627.72	\$2,335.91	\$0.00	\$2,963.63
26-55-69	Healthcare Lighting					
113965	Bovie MI 750 Cantilevered Single Head LED Procedure Light	EA	\$313.86	\$4,084.32	\$0.00	\$4,398.18
113966	Cantilevered Single Head LED Surgical Light	EA	\$627.72	\$24,481.60	\$0.00	\$25,109.32
113967	Cantilevered Two Head LED Surgical Light	EA	\$1,883.15	\$36,001.15	\$0.00	\$37,884.30
113968	Skytron Argos II w/ Wall Controller	EA	\$470.79	\$10,187.83	\$0.00	\$10,658.62
113969	Peerless BRW9L Wall Mounted LED Patient Fixture	EA	\$156.93	\$368.31	\$0.00	\$525.24
113970	2x4 Patient Rm LED Multifunction w/ Exam Lt	EA	\$196.17	\$1,117.40	\$0.00	\$1,313.57
113971	24" X 24" Skytile LED Light-Box	EA	\$156.93	\$409.58	\$0.00	\$566.51
113972	4' Under Counter LED Task Light	EA	\$78.46	\$216.31	\$0.00	\$294.77
113973	ALKCO 103 LED Nightlight w/Emer Receptacle	EA	\$156.93	\$364.77	\$0.00	\$521.70

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		Units	Labor	Material	Equipment	Total
113974	2'x2' Recessed Exam Light 4L	EA	\$156.93	\$765.41	\$0.00	\$922.34
113975	Kenall LED Surface Mount Corner	EA	\$235.39	\$858.85	\$0.00	\$1,094.24
113976	Kenall MCSL LED Patient Night Light	EA	\$196.17	\$546.54	\$0.00	\$742.71
113977	Bovie MI 1000 LED Exam light	EA	\$313.86	\$5,613.86	\$0.00	\$5,927.72
113978	Medmaster 6" Round Sealed Downlight	EA	\$156.93	\$760.29	\$0.00	\$917.22
113979	Skydome recessed LED 4' X 4'	EA	\$274.63	\$1,254.35	\$0.00	\$1,528.98
113980	Skydome recessed 5' Oval	EA	\$313.86	\$998.36	\$0.00	\$1,312.22
113981	Kenall Medmaster 6" LED Operating Room Downlight	EA	\$156.93	\$440.30	\$0.00	\$597.23
113982	8" Recessed Dimmable LED Procedure fixture w/sealed diffuser	EA	\$196.17	\$499.18	\$0.00	\$695.35
113983	Kenall M4SEDI14 1 X 4 LED Exam Light	EA	\$196.17	\$636.87	\$0.00	\$833.04
113984	Kenall M4SEDL12 1 X 2 LED Exam Light	EA	\$156.93	\$344.31	\$0.00	\$501.24
113985	8" X 4' Recessed Mounted LED Multi-function Patient Fixture	EA	\$196.17	\$748.45	\$0.00	\$944.62
113986	Kenall MCSL MedMaster LED Nightlight	EA	\$156.93	\$367.33	\$0.00	\$524.26
113987	Fail Safe MLN LED Patient Night Light	EA	\$156.93	\$258.55	\$0.00	\$415.48
113988	Kenall Medmaster 2x4 LED Operating Room	EA	\$196.17	\$952.28	\$0.00	\$1,148.45
113989	Kenall Medmaster 2X2 LED Operating Room	EA	\$156.93	\$670.69	\$0.00	\$827.62
113990	2X4 Recessed Patient Exam Light	EA	\$196.17	\$584.94	\$0.00	\$781.11
113991	2x4 Recessed Multifunction Patient Light	EA	\$196.17	\$715.49	\$0.00	\$911.66
113992	1X4 Recessed Multifunction Patient Light	EA	\$196.17	\$575.98	\$0.00	\$772.15
113993	Continuous Non-Ferrous Cove with Satin Lens	LF	\$23.54	\$220.74	\$0.00	\$244.28
113994	4" Kenall MRIDL4 Non-Ferrous LED Downlight	EA	\$156.93	\$536.30	\$0.00	\$693.23
113995	2' X 2' Non-Ferrous LED Lay in	EA	\$156.93	\$295.67	\$0.00	\$452.60
113996	Kirlin MRS 12440 12" surface mounted LED	EA	\$156.93	\$407.02	\$0.00	\$563.95
113997	Kenall MPWUD Wall Mounted Patient Fixture	EA	\$156.93	\$563.18	\$0.00	\$720.11
113998	Room "IN-USE" Light w/Relay	EA	\$196.17	\$264.95	\$0.00	\$461.12
113999	SKY - V Digital Cinema	EA	\$1,255.43	\$44,158.28	\$0.00	\$45,413.71
114000	SKY - Virtual Window	EA	\$313.86	\$3,583.86	\$0.00	\$3,897.72
114001	Visa Unity 1900 2x2 Exam Light	EA	\$156.93	\$670.69	\$0.00	\$827.62
114002	Chloride WG2H LED Patient Night Light	EA	\$156.93	\$428.78	\$0.00	\$585.71
114003	2-EX100W LDR w/ Controls	EA	\$470.79	\$9,996.41	\$0.00	\$10,467.20
114004	4' Fail Safe MRI4 ASR Non-Ferrous Recessed Linear	LF	\$156.93	\$880.61	\$0.00	\$1,037.54
114005	8' Fail Safe MRI4 ASR Non-Ferrous Recessed Linear	LF	\$313.86	\$1,761.21	\$0.00	\$2,075.07
114006	Peerless BRW9L	EA	\$156.93	\$1,073.88	\$0.00	\$1,230.81
114007	Surface Mounted Accent Trac	LF	\$39.24	\$21.76	\$0.00	\$61.00
114008	Trac Head 39W T4 MH	EA	\$39.24	\$175.35	\$0.00	\$214.59

26-55-73 Clean Room and High Abuse Lighting

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
114009	Kenall Cmxr Exit	EA	\$156.93	\$505.58	\$0.00	\$662.51
114010	H. E. William's AVX high Abuse Wrap LED	EA	\$156.93	\$644.85	\$0.00	\$801.78
114011	2 X 4 Secure high Abuse LED Troffer	EA	\$156.93	\$806.37	\$0.00	\$963.30
114012	Lithonia OLVTCM	EA	\$156.93	\$121.85	\$0.00	\$278.78
114013	Kenall Mighty Max LED Corridor	EA	\$196.17	\$1,091.57	\$0.00	\$1,287.74
114014	Kenall CC Mighty Max Surface Mounted LED	EA	\$196.17	\$1,091.57	\$0.00	\$1,287.74
114015	New Star 51HA4	EA	\$196.17	\$492.78	\$0.00	\$688.95
114016	1' Surface Mounted Vandal Resistant, Wet Location	EA	\$196.17	\$253.43	\$0.00	\$449.60
114017	New Star 55M2	EA	\$196.17	\$720.61	\$0.00	\$916.78
114018	Lithonia LV S W	EA	\$156.93	\$505.52	\$0.00	\$662.45
114019	Hubbell PVL3 180L	EA	\$156.93	\$428.77	\$0.00	\$585.70
114020	Lightolier 6" Secure High Abuse Recessed Downlight	EA	\$156.93	\$529.90	\$0.00	\$686.83
114021	1 X 2 Kenall Mighty Max SSA	EA	\$196.17	\$421.10	\$0.00	\$617.27
114022	2 X 2 Kenall RMCA LED	EA	\$196.17	\$611.82	\$0.00	\$807.99
114023	2 X 4 Kenall RMCA LED	EA	\$196.17	\$663.01	\$0.00	\$859.18
114024	Kenall RMCA Recessed Linear LED	EA	\$196.17	\$637.42	\$0.00	\$833.59
114025	Fail-Safe FFLD6 Recessed Downlight	EA	\$156.93	\$529.90	\$0.00	\$686.83
114026	Fail Safe SGI 2' X 2' LED Tamper-Resistant Polycarbonate Lensed Lay in	EA	\$196.17	\$497.90	\$0.00	\$694.07
114027	Fail Safe SGI 2' X 2' LED Tamper-Resistant Polycarbonate Lensed Drywall	EA	\$196.17	\$510.70	\$0.00	\$706.87
114028	4" Secure High Abuse Recessed Downlight	EA	\$156.93	\$478.70	\$0.00	\$635.63
114029	4" Secure High Abuse Recessed Wall Washer	EA	\$156.93	\$487.66	\$0.00	\$644.59
114030	Kenall BHD 6" Secure High Abuse Recessed Downlight	EA	\$156.93	\$529.90	\$0.00	\$686.83
114031	6" Secure High Abuse Recessed Downlight Wet Location	EA	\$156.93	\$568.30	\$0.00	\$725.23
114032	Fail-Safe B95 Wall Pack	EA	\$156.93	\$553.12	\$0.00	\$710.05
114033	Fail-Safe 4' FWL LED	EA	\$156.93	\$552.94	\$0.00	\$709.87
114034	Fail-Safe 2' FWL LED	EA	\$156.93	\$463.34	\$0.00	\$620.27
114035	Kenal Two Head Wall Mounted LED Battery	EA	\$156.93	\$421.10	\$0.00	\$578.03
114036	Kenall MMEX LED Exit sign	EA	\$117.69	\$377.59	\$0.00	\$495.28
114037	Visa CM1988-T 23" Recessed Surface Mount	EA	\$235.39	\$2,303.91	\$0.00	\$2,539.30
114038	Visa CM1978-T 45" Recessed Surface Mount	EA	\$313.86	\$3,711.86	\$0.00	\$4,025.72
114039	1' X 4' Kenall CSEDI LED Clean Room	EA	\$156.93	\$753.89	\$0.00	\$910.82
114040	2' X 2' Kenall CSEDI LED Clean Room	EA	\$196.17	\$497.90	\$0.00	\$694.07
114041	2' X 4' Kenall CSEDI LED Clean Room	EA	\$196.17	\$536.30	\$0.00	\$732.47
114042	2' X 4' Kenall CSEDI LED Simple Seal Red Series	EA	\$196.17	\$1,343.95	\$0.00	\$1,540.12
114043	Failsafe FLD4B Sealed Downlight	EA	\$156.93	\$528.62	\$0.00	\$685.55
114044	1" X 2' Kurtzon (DKS-F/G) Photo Lab Fixtures	EA	\$196.17	\$534.47	\$0.00	\$730.64

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
114045	2' X 4' LED Stainless Steel Gasketed Clean Room w/Inverted Pattern Acrylic lens	EA	\$196.17	\$689.89	\$0.00	\$886.06
114046	2' X 2' LED Stainless Steel Gasketed Clean Room w/Inverted Pattern Acrylic lens	EA	\$196.17	\$677.09	\$0.00	\$873.26
114047	2' X 2' Lithonia SRTL LED Clean Room LED Troffers Recessed	EA	\$156.93	\$408.30	\$0.00	\$565.23
114048	1' X 4' Lithonia SRTL LED Clean Room LED Troffers Recessed	EA	\$156.93	\$472.30	\$0.00	\$629.23
114049	2' X 4' Lithonia SRTL LED Clean Room LED Troffers Recessed	EA	\$156.93	\$536.30	\$0.00	\$693.23

26-56-00 Exterior Lighting

26-55-68 Athletic Field Lighting

114050	Ephesus Lighting 600W LED	EA	\$313.86	\$2,073.52	\$0.00	\$2,387.38
114051	Relocate Field Lighting Pole	EA	\$6,277.16	\$6,655.74	\$0.00	\$12,932.90
114052	Hubbell SLAL LED Sports Lighting	EA	\$313.86	\$1,082.84	\$0.00	\$1,396.70
114053	Hubbell LED High Bay Pool Lighting	EA	\$196.17	\$639.98	\$0.00	\$836.15
114054	Basketball Court Lighting	EA	\$1,883.15	\$5,068.60	\$0.00	\$6,951.75
114055	IPL Lighting EDV High Bay Pendants	EA	\$235.39	\$195.83	\$0.00	\$431.22
114056	40' Wooden Field Lighting Pole, Crossarm, with 6 heads	EA	\$3,138.58	\$34,942.64	\$0.00	\$38,081.22
114057	40' Steel Field Lighting Pole with Foundation	EA	\$3,138.58	\$53,885.90	\$0.00	\$57,024.48
114058	60' Steel Field Lighting Pole with Foundation	EA	\$3,766.30	\$66,685.40	\$0.00	\$70,451.70
114059	80' Steel Field Lighting Pole with Foundation	EA	\$5,021.73	\$87,676.58	\$0.00	\$92,698.31
114060	85' Steel Field Lighting Pole with Foundation	EA	\$5,021.73	\$91,388.43	\$0.00	\$96,410.16
114061	300W LED Racket Court Lighting	EA	\$196.17	\$559.34	\$0.00	\$755.51
114062	20' 4" round Court Lighting Poles	EA	\$627.72	\$636.14	\$0.00	\$1,263.86

26-56-19 LED Exterior Lighting

114063	Qtran FlexRound Series Continuous LED Linear LED Linear Surface	LF	\$39.24	\$115.63	\$0.00	\$154.87
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27-00-00 Communications

27-00-00 Communications

27-05-00 Common Work Results for Communications

27-05-13 Communications Wireless and Antenna Systems

114064	Roof Penetration (Pitch Pan)	EA	\$313.86	\$204.79	\$0.00	\$518.65
114065	MATV Amplifier	EA	\$156.93	\$1,009.33	\$0.00	\$1,166.26
114066	HD Antenna	EA	\$156.93	\$138.95	\$0.00	\$295.88
114067	HD Antenna Tripod	EA	\$627.72	\$248.66	\$0.00	\$876.38
114068	HD Antenna Tuner	EA	\$156.93	\$219.41	\$0.00	\$376.34
114069	RG 6 Coax Cable (Broadband)	LF	\$1.56	\$0.87	\$0.00	\$2.43

27-05-28 Communications Conduits, Raceways and Supports

114070	1" Plenum INNERDUCT	LF	\$3.14	\$1.32	\$0.00	\$4.46
114071	1" INNERDUCT Connectors	EA	\$7.84	\$1.94	\$0.00	\$9.78
114072	EZ Path Assemblies	EA	\$235.39	\$403.49	\$0.00	\$638.88
114073	4" Hilti Sleeves	EA	\$78.46	\$60.71	\$0.00	\$139.17

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		Units	Labor	Material	Equipment	Total
114074	Bridle Rings with Saddle	EA	\$15.70	\$3.94	\$0.00	\$19.64
114075	J Hooks	EA	\$15.70	\$7.34	\$0.00	\$23.04
114076	110 Block	EA	\$78.46	\$45.38	\$0.00	\$123.84
114077	Cable Pulling String or Tape	LF	\$0.47	\$0.16	\$0.00	\$0.63
27-05-33 Communications Outlets						
114078	OUTLET 2-PORT, 2 Data	EA	\$39.24	\$30.48	\$0.00	\$69.72
114079	OUTLET 4-PORT, 2 Data and 1 Voice	EA	\$78.46	\$32.91	\$0.00	\$111.37
114080	OUTLET 3-PORT, 2 Data and 1 Blank	EA	\$78.46	\$34.13	\$0.00	\$112.59
114081	OUTLET 6 PORT, 4 Data and 2 Voice	EA	\$156.93	\$46.81	\$0.00	\$203.74
114082	OUTLET Plate 2-PORT	EA	\$39.24	\$8.78	\$0.00	\$48.02
114083	OUTLET 2-PORT, 1 Data, 1 Blank	EA	\$78.46	\$29.26	\$0.00	\$107.72
114084	OUTLET 2-PORT, 2 Data	EA	\$78.46	\$40.96	\$0.00	\$119.42
114085	OUTLET 4-PORT, 3 Data	EA	\$156.93	\$35.11	\$0.00	\$192.04
114086	OUTLET 4-PORT, 4 Data	EA	\$78.46	\$54.12	\$0.00	\$132.58
114087	OUTLET 6 PORT, 6 Data	EA	\$156.93	\$46.81	\$0.00	\$203.74
114088	OUTLET 1-PORT, USB	EA	\$117.70	\$17.70	\$0.00	\$135.40
114089	OUTLET 1-PORT, BNC - RG6	EA	\$78.46	\$13.17	\$0.00	\$91.63
27-10-00 Communications Structured Cabling						
27-15-00 Communications Horizontal Cabling						
27-15-16 Voice Communications Cabling						
114090	25 PR Cat6 UTP	LF	\$0.78	\$1.45	\$0.00	\$2.23
114091	50 PR CAT6 UTP	LF	\$7.84	\$2.77	\$0.00	\$10.61
114092	100 PR CAT 6 UTP	LF	\$7.06	\$7.47	\$0.00	\$14.53
114093	300 PR CAT 3 UTP	LF	\$7.84	\$9.47	\$0.00	\$17.31
114094	1300 PR CAT 6 UTP	LF	\$15.70	\$33.85	\$0.00	\$49.55
114095	Cat6A Shielded Plenum Cable	LF	\$1.17	\$0.66	\$0.00	\$1.83
114096	CAT6A Plenum Cable	LF	\$1.25	\$0.60	\$0.00	\$1.85
114097	CAT6 Plenum Cable	LF	\$1.17	\$0.49	\$0.00	\$1.66
114098	Label Both Ends of Cat Cable	EA	\$54.59	\$4.02	\$0.00	\$58.61
114099	Label Communications Faceplate	EA	\$34.12	\$4.02	\$0.00	\$38.14
114100	Belkin Cat 6A Plenum 14' Patch Cable	EA	\$15.70	\$13.36	\$0.00	\$29.06
114101	USB Double Ended Cat6 Patch Cable	LF	\$1.56	\$0.77	\$0.00	\$2.33
114102	CAT5E Plenum Cable	LF	\$1.25	\$0.43	\$0.00	\$1.68
114103	RG 6 Coax Cable (Broadband)	LF	\$1.56	\$0.72	\$0.00	\$2.28
114104	PS - 2 Connector	EA	\$19.62	\$9.37	\$0.00	\$28.99
114105	BNC Connector	EA	\$19.62	\$5.33	\$0.00	\$24.95
114106	N Connector	EA	\$19.62	\$5.72	\$0.00	\$25.34
114107	RG 11 Trunk Line	LF	\$1.56	\$1.33	\$0.00	\$2.89
114108	RG 59 Trunk Line	LF	\$1.56	\$0.84	\$0.00	\$2.40
114109	Terminate and Test Cat6a on RJ45 per 568B	EA	\$19.62	\$19.43	\$0.00	\$39.05
114110	Terminate and Test Cat6 on RJ45 per 568B	EA	\$19.62	\$19.19	\$0.00	\$38.81
114111	Terminate and Test ES485 to DB9	EA	\$58.85	\$9.68	\$0.00	\$68.53
114112	Terminate T1 (2Shd Pr) on RJ48X	EA	\$156.93	\$632.66	\$0.00	\$789.59
114113	96 Strand (48 Singlemode/48 Mulimode) Fiber	LF	\$2.36	\$19.26	\$0.00	\$21.62
114114	96 Strand Singlemode Fiber Indoor/outdoor	LF	\$2.36	\$16.68	\$0.00	\$19.04
114115	6 Strand MM 50/125 FIBER	LF	\$1.56	\$1.19	\$0.00	\$2.75

The Simplebid® UPB

		Units	Labor	Material	Equipment	Total
114116	152 Strand (76SM/76MM) 50/125 Fiber	LF	\$1.72	\$19.75	\$0.00	\$21.47
114117	24 Strand (Multi Mode) 50/125 Fiber	LF	\$1.56	\$7.18	\$0.00	\$8.74
114118	24 Strand (Single Mode) 50/125 Fiber	LF	\$1.56	\$7.18	\$0.00	\$8.74
114119	12 Strand (6MM, 6SM) 50/125 Fiber	LF	\$1.56	\$4.58	\$0.00	\$6.14
114120	48 Strand (24 Single Mode / 24 Multimode) Fiber	LF	\$1.56	\$8.34	\$0.00	\$9.90

27-30-00 Voice Communications

27-32-00 Voice Communications Systems

27-32-13 Voice Communications Equipment

114121	Oberon 1006-CC0AP3800	EA	\$78.46	\$95.57	\$0.00	\$174.03
114122	Plywood Backboard, Fire Retardant Floor	EA	\$156.93	\$160.91	\$0.00	\$317.84
114123	Plywood Backboard, Fire Retardant MAIN	EA	\$156.93	\$292.56	\$0.00	\$449.49
114124	Oberton 1047 LPDome	EA	\$117.69	\$323.04	\$0.00	\$440.73
114125	Oberton 1012 Wall	EA	\$117.69	\$157.25	\$0.00	\$274.94
114126	WAP Device (POE)	EA	\$94.16	\$1,209.74	\$0.00	\$1,303.90
114127	Wireless Controller	EA	\$1,255.43	\$34,486.97	\$0.00	\$35,742.40
114128	Cisco IP Phone 8811	EA	\$78.46	\$132.87	\$0.00	\$211.33
114129	Cisco C3560CX (Switch)	EA	\$860.14	\$2,714.66	\$0.00	\$3,574.80
114130	Patch Panel 48-PORT, CAT6A	EA	\$117.69	\$522.95	\$0.00	\$640.64
114131	Patch Panel 24-PORT, CAT 6A	EA	\$117.69	\$464.44	\$0.00	\$582.13
114132	24" X 36" Data Cabinet w/ Front and Rear Access	EA	\$627.72	\$1,376.25	\$0.00	\$2,003.97
114133	Cable Management for Racks	EA	\$313.86	\$427.14	\$0.00	\$741.00
114134	Rack IU Brush	EA	\$58.27	\$18.28	\$0.00	\$76.55
114135	19" Enclosed Wall Mounted Rack	EA	\$156.93	\$424.21	\$0.00	\$581.14
114136	19" Floor Mount Rack	EA	\$470.79	\$570.49	\$0.00	\$1,041.28
114137	30" Enclosed Data Rack Wire Management	EA	\$313.86	\$2,266.12	\$0.00	\$2,579.98

27-40-00 Audio-Video Communications

27-41-00 Audio-Video Communications Systems

27-41-16 Audio-Video Communications Equipment

114138	Shure BLX14R Transmitter	EA	\$156.93	\$669.23	\$0.00	\$826.16
114139	Shure ULXD4D Receiver	EA	\$196.17	\$3,664.31	\$0.00	\$3,860.48
114140	Shure SM35 TQG Headset Mic	EA	\$19.62	\$144.82	\$0.00	\$164.44
114141	Shure CVL-B/G Lavalier Microphone	EA	\$78.46	\$57.05	\$0.00	\$135.51
114142	Shure ULX1 Wireless Body Pack	EA	\$78.46	\$650.95	\$0.00	\$729.41
114143	Shure Ceiling Mounted Microphones	EA	\$156.93	\$261.84	\$0.00	\$418.77
114144	Shure Hand Held Wireless Microphones	EA	\$78.46	\$364.24	\$0.00	\$442.70
114145	Shure Beltpack Wireless Microphones (ULXD)	EA	\$78.46	\$650.95	\$0.00	\$729.41
114146	Shure Tabletop Microphones (522)	EA	\$78.46	\$200.40	\$0.00	\$278.86
114147	Community ENT 220	EA	\$156.93	\$1,503.76	\$0.00	\$1,660.69
114148	Community R.2.5	EA	\$156.93	\$694.83	\$0.00	\$851.76
114149	Sound Tube HP129A	EA	\$196.17	\$1,135.13	\$0.00	\$1,331.30
114150	TLM-W Bi-directional Speakers	EA	\$156.93	\$358.39	\$0.00	\$515.32
114151	JBL-16CT Speakers	EA	\$78.46	\$229.66	\$0.00	\$308.12
114152	Yamaha C115VA Gym Speakers	EA	\$156.93	\$560.73	\$0.00	\$717.66
114153	Yamaha VXC-8 Speakers	EA	\$156.93	\$560.73	\$0.00	\$717.66

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		Units	Labor	Material	Equipment	Total
114154	Yamaha VXC-6 Speakers	EA	\$156.93	\$353.51	\$0.00	\$510.44
114155	Yamaha VXC-4 Speakers	EA	\$156.93	\$291.34	\$0.00	\$448.27
114156	Yamaha VXS-8 Speakers	EA	\$156.93	\$619.25	\$0.00	\$776.18
114157	Electro-Voice EVID	EA	\$78.46	\$279.15	\$0.00	\$357.61
114158	Klipsch AW650 All Weather Speaker	EA	\$235.39	\$452.25	\$0.00	\$687.64
114159	Shure UA 221	EA	\$117.69	\$171.88	\$0.00	\$289.57
114160	Shure UA 844SW	EA	\$117.69	\$579.02	\$0.00	\$696.71
114161	Shure UAB	EA	\$117.69	\$84.67	\$0.00	\$202.36
114162	Lowell ACSPR RPCI 2009	EA	\$156.93	\$832.58	\$0.00	\$989.51
114163	Lowell ASP VTE 2002	EA	\$117.69	\$491.26	\$0.00	\$608.95
114164	Listen Tech LA-122	EA	\$78.46	\$126.78	\$0.00	\$205.24
114165	Listen Tech LT 800-216	EA	\$156.93	\$925.22	\$0.00	\$1,082.15
114166	QSC Q System Core	EA	\$470.79	\$1,339.68	\$0.00	\$1,810.47
114167	QSC System 5/8	EA	\$156.93	\$68.17	\$0.00	\$225.10
114168	QSC AD S12	EA	\$313.86	\$973.98	\$0.00	\$1,287.84
114169	QSC SPA 2-200	EA	\$313.86	\$803.32	\$0.00	\$1,117.18
114170	Areotech UNBT2A EXP	EA	\$156.93	\$486.38	\$0.00	\$643.31
114171	Denon DN 500BD	EA	\$156.93	\$486.38	\$0.00	\$643.31
114172	Infocus Lightshow 4BD	EA	\$156.93	\$547.33	\$0.00	\$704.26
114173	D-Link DGs-1008P	EA	\$78.46	\$101.16	\$0.00	\$179.62
114174	Liberty DL S41	EA	\$156.93	\$255.99	\$0.00	\$412.92
114175	Liberty DL 1H1A1U WPKT	EA	\$156.93	\$702.14	\$0.00	\$859.07
114176	Crestron DM-TX-200-C-2G	EA	\$78.46	\$96.30	\$0.00	\$174.76
114177	Symetrix Primarysm 8X8 Audio Switcher	EA	\$1,255.43	\$4,083.65	\$0.00	\$5,339.08
114178	Crestron DM-RMC-4K-100-C	EA	\$313.86	\$853.30	\$0.00	\$1,167.16
114179	Crestron DMPS3-4K-250-C	EA	\$941.57	\$12,533.76	\$0.00	\$13,475.33
114180	Ducanali 6404 Amplifier	EA	\$627.72	\$6,703.28	\$0.00	\$7,331.00
114181	Crestron DM TX 200c	EA	\$313.86	\$1,591.65	\$0.00	\$1,905.51
114182	Crestron C2N 10	EA	\$117.69	\$402.27	\$0.00	\$519.96
114183	Cisco WS-C3850-48PW-S (POE Switch)	EA	\$313.86	\$8,380.62	\$0.00	\$8,694.48
114184	Crestron TSW-752 Media Controller	EA	\$313.86	\$1,529.97	\$0.00	\$1,843.83

27-50-00 Distributed Communications and Monitoring Systems

27-51-00 Distributed Audio-Video Communications Systems

27-51-13 Paging Communications Systems

114185	24 Channel Acoustics Processing Matrix type AE1	EA	\$3,766.30	\$140,002.15	\$0.00	\$143,768.45
114186	19 Channel Processing Extension	EA	\$2,510.86	\$58,524.19	\$0.00	\$61,035.05
114187	5 Channel Processing Extension	EA	\$627.72	\$13,713.75	\$0.00	\$14,341.47
114188	Speaker Rough In Box	EA	\$78.46	\$34.35	\$0.00	\$112.81
114189	Bogen TPU100B Wall Mounted Amplifier	EA	\$156.93	\$824.04	\$0.00	\$980.97
114190	Bogen C100	EA	\$156.93	\$553.73	\$0.00	\$710.66
114191	Door Intercom	EA	\$117.69	\$278.97	\$0.00	\$396.66
114192	Intercom System Cabling	LF	\$3.14	\$0.59	\$0.00	\$3.73
114193	Rauland Bogan TCU Paging Console	EA	\$1,255.43	\$10,548.92	\$0.00	\$11,804.35
114194	Vandal Proof Air Phones Door Intercom	EA	\$156.93	\$658.86	\$0.00	\$815.79
114195	Terminal Cabinet	EA	\$235.39	\$360.28	\$0.00	\$595.67
114196	Exterior Wall Mounting Bracket	EA	\$156.93	\$90.41	\$0.00	\$247.34
114197	Volume Control	EA	\$47.08	\$63.08	\$0.00	\$110.16
114198	Call Button	EA	\$78.46	\$105.14	\$0.00	\$183.60
114199	Audio System Cabling	LF	\$1.17	\$0.57	\$0.00	\$1.74
114200	Paging System (Cat6A) Cabling	LF	\$1.17	\$0.59	\$0.00	\$1.76

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		Units	Labor	Material	Equipment	Total
114201	Rack Mounted Ambient Sound Sensor	EA	\$117.70	\$340.65	\$0.00	\$458.35
114202	Rack Mounted Amplifiers	EA	\$313.86	\$979.89	\$0.00	\$1,293.75
114203	Microphone and stand	EA	\$78.46	\$315.42	\$0.00	\$393.88
114204	Intercom Microphone	EA	\$78.46	\$245.32	\$0.00	\$323.78
114205	Speakers (Ceiling)	EA	\$78.46	\$82.71	\$0.00	\$161.17
114206	Damp Location Speakers	EA	\$196.17	\$222.89	\$0.00	\$419.06
114207	GYM Speakers	EA	\$196.17	\$403.04	\$0.00	\$599.21
114208	Pool Speakers	EA	\$196.17	\$512.37	\$0.00	\$708.54
114209	Klipsch AW-500SM All Weather Loudspeaker	EA	\$196.17	\$559.34	\$0.00	\$755.51
114210	Paging System UF Cabling	LF	\$1.41	\$0.78	\$0.00	\$2.19
114211	All Weather Ground Mounted Loudspeaker	EA	\$196.17	\$559.34	\$0.00	\$755.51
114212	Speaker Surface Mounted Horn	EA	\$78.46	\$95.33	\$0.00	\$173.79
114213	Speaker (Surface)	EA	\$78.46	\$88.32	\$0.00	\$166.78
114214	Speakers (Assisted Listening)	EA	\$78.46	\$180.84	\$0.00	\$259.30
114215	Bi-Direction Speakers	EA	\$117.70	\$332.24	\$0.00	\$449.94
114216	Speakers (A/V Ceiling Type)	EA	\$78.46	\$255.14	\$0.00	\$333.60
114217	Speakers (Wall)	EA	\$156.93	\$133.18	\$0.00	\$290.11
114218	Speakers (Faceplates)	EA	\$78.46	\$23.97	\$0.00	\$102.43
114219	Table Top Speaker	EA	\$78.46	\$444.39	\$0.00	\$522.85
114220	Exterior Loud Speaker (WP)	EA	\$156.93	\$183.64	\$0.00	\$340.57
114221	70V Paging System Cabling	LF	\$1.17	\$0.80	\$0.00	\$1.97
114222	Push to Talk Switch	EA	\$78.46	\$50.47	\$0.00	\$128.93
114223	Sound Masking Speakers	EA	\$78.46	\$199.06	\$0.00	\$277.52
114224	Zenitel Master station	EA	\$431.56	\$2,484.32	\$0.00	\$2,915.88
114225	Zenitel Intercom station	EA	\$392.32	\$1,361.62	\$0.00	\$1,753.94
114226	Zenitel Paging Adaptor	EA	\$392.32	\$741.15	\$0.00	\$1,133.47
114227	Zenitel Intelligent Gateway	EA	\$431.56	\$3,374.19	\$0.00	\$3,805.75
114228	HP Fiber Transceiver Module	EA	\$78.46	\$468.10	\$0.00	\$546.56
114229	IP over UTP Extender	EA	\$156.93	\$207.23	\$0.00	\$364.16
27-51-26 Assistive Listening Communications Systems						
114230	Wireless Head Sets	EA	\$19.62	\$245.32	\$0.00	\$264.94
114231	Speaker Cabling	EA	\$1.56	\$0.67	\$0.00	\$2.23
114232	Wall Jacks	EA	\$156.93	\$147.19	\$0.00	\$304.12
114233	Head Sets	EA	\$19.62	\$175.23	\$0.00	\$194.85
114234	Ceiling Mounted Wir TX9 Assisted Listening Emitter	EA	\$313.86	\$1,156.53	\$0.00	\$1,470.39
114235	Williams sound PPA T45 Transmitter	EA	\$313.86	\$1,072.42	\$0.00	\$1,386.28
114236	Williams Sound PPA R37 Receiver	EA	\$19.62	\$155.61	\$0.00	\$175.23
114237	Extron MPA 152 Amplifier	EA	\$235.39	\$405.13	\$0.00	\$640.52
114238	Omnidirectional Emitter Assisted Listening System	EA	\$6,277.16	\$16,194.17	\$0.00	\$22,471.33
114239	Sound Field Cabinet	EA	\$627.72	\$1,400.45	\$0.00	\$2,028.17
114240	Sound Field Speakers	EA	\$78.46	\$372.89	\$0.00	\$451.35
27-52-00 Healthcare Communications and Monitoring Systems						
27-52-23 Nurse Call Communications Systems						
114241	Anti-Ligature Door Assembly	EA	\$313.86	\$3,567.71	\$0.00	\$3,881.57
114242	Single bedside unit with Intercom, and Pillow Speakers	EA	\$156.93	\$849.64	\$0.00	\$1,006.57
114243	Dual Bedside Station w/ Intercom	EA	\$313.86	\$1,312.13	\$0.00	\$1,625.99
114244	Toilet / Dressing Room Station	EA	\$156.93	\$332.06	\$0.00	\$488.99
114245	Bath/Shower Station	EA	\$156.93	\$332.06	\$0.00	\$488.99
114246	Code Blue Station	EA	\$156.93	\$245.75	\$0.00	\$402.68
114247	Dome Light	EA	\$156.93	\$291.10	\$0.00	\$448.03
114248	Patient Light Assembly	EA	\$156.93	\$264.77	\$0.00	\$421.70

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		Units	Labor	Material	Equipment	Total
114249	Duty Station	EA	\$235.39	\$1,215.59	\$0.00	\$1,450.98
114250	Staff Station	EA	\$156.93	\$492.96	\$0.00	\$649.89
114251	Staff Emergency Station	EA	\$156.93	\$504.81	\$0.00	\$661.74
114252	Staff Emergency Push Button	EA	\$156.93	\$361.31	\$0.00	\$518.24
114253	Staff Register Station	EA	\$117.70	\$470.29	\$0.00	\$587.99
114254	Zone Dome Light	EA	\$156.93	\$311.58	\$0.00	\$468.51
114255	Code Blue Zone Dome Light	EA	\$156.93	\$260.87	\$0.00	\$417.80
114256	Room Occupied Status	EA	\$156.93	\$196.26	\$0.00	\$353.19
114257	Hillrom Room Controller	EA	\$156.93	\$260.87	\$0.00	\$417.80
114258	Psychiatric Patient Station	EA	\$156.93	\$522.95	\$0.00	\$679.88
114259	Speaker / Microphone Ceiling Mt	EA	\$156.93	\$404.71	\$0.00	\$561.64
114260	Psychiatric Toilet Station	EA	\$156.93	\$471.02	\$0.00	\$627.95
114261	Psychiatric Bath Station	EA	\$156.93	\$409.58	\$0.00	\$566.51
114262	Psychiatric Key Station	EA	\$156.93	\$1,433.54	\$0.00	\$1,590.47
114263	Psychiatric Dome Light	EA	\$156.93	\$273.54	\$0.00	\$430.47
114264	Nurse Call Digital Annunciator	EA	\$627.72	\$4,234.81	\$0.00	\$4,862.53
114265	EZCMD121 w/Controller and Cable Harness	EA	\$1,255.43	\$14,470.02	\$0.00	\$15,725.45
114266	Nurse Call Cat6a Cabling	LF	\$1.17	\$0.60	\$0.00	\$1.77
114267	Nurse Call Cat6a 25' Patch Cord	EA	\$39.24	\$20.48	\$0.00	\$59.72
114268	Entertainment Station	EA	\$156.93	\$800.15	\$0.00	\$957.08
114269	Nurse Call Equipment Cabinet	EA	\$627.72	\$1,604.69	\$0.00	\$2,232.41
114270	Nurse Call Server	EA	\$1,255.43	\$23,546.69	\$0.00	\$24,802.12
114271	Nurse Master Annunciator	EA	\$627.72	\$4,095.84	\$0.00	\$4,723.56
114272	Nurse Master (LCD Display)	EA	\$1,255.43	\$12,287.52	\$0.00	\$13,542.95
114273	Telemetry Device	EA	\$156.93	\$402.27	\$0.00	\$559.20
114274	OUTLET 2-PORT, PM	EA	\$117.70	\$57.05	\$0.00	\$174.75
114275	Room Control Board	EA	\$156.93	\$216.49	\$0.00	\$373.42
114276	3000 Watt 208V 1Ph Rack Mount UPS	EA	\$313.86	\$2,899.27	\$0.00	\$3,213.13
114277	Rack Mount POE Switch	EA	\$627.72	\$9,720.31	\$0.00	\$10,348.03
114278	Room Status Master	EA	\$313.86	\$798.44	\$0.00	\$1,112.30
114279	Room Status Station	EA	\$156.93	\$218.20	\$0.00	\$375.13
114280	4C Plenum Rated Cabling	LF	\$1.17	\$0.40	\$0.00	\$1.57
114281	Room Status Station Back Box	EA	\$156.93	\$67.04	\$0.00	\$223.97
114282	RTLS System	SF	\$3.92	\$2.78	\$0.00	\$6.70

27-53-00 Distributed Communications Systems

27-53-13 Clock Communications Systems

114283	Pyramid Wireless, Battery Operated 17" Clock	EA	\$58.85	\$230.39	\$0.00	\$289.24
114284	Pyramid Model 5200 13" Clock	EA	\$58.85	\$262.96	\$0.00	\$321.81
114285	Pyramid Time Trax Sync 7000 Master Clock Controller	EA	\$313.86	\$1,723.52	\$0.00	\$2,037.38
114286	Time Clock	EA	\$156.93	\$783.63	\$0.00	\$940.56
114287	Clocks--Wire Guard Standard 12"	EA	\$78.46	\$72.90	\$0.00	\$151.36
114288	Two Sided 12" Clocks	EA	\$78.46	\$155.61	\$0.00	\$234.07
114289	Clocks / Speaker Combo	EA	\$78.46	\$165.42	\$0.00	\$243.88
114290	Clocks -15" system	EA	\$78.46	\$228.50	\$0.00	\$306.96
114291	Clocks System (Cat6A) Cabling	LF	\$1.17	\$0.59	\$0.00	\$1.76
114292	Clocks System Rack Equipment	EA	\$156.93	\$1,612.13	\$0.00	\$1,769.06
114293	18" Digital Time Elapsed Clock	EA	\$78.46	\$166.82	\$0.00	\$245.28
114294	Digital lane Timmer	EA	\$627.72	\$4,649.94	\$0.00	\$5,277.66

28-00-00 Electronic Safety and Security

11-10-00 Vehicle and Pedestrian Equipment

11-14-00 Pedestrian Control Equipment

11-14-13 Pedestrian Gates

114295	Optical Turnstiles Standard	EA	\$5,021.73	\$84,195.11	\$0.00	\$89,216.84
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		Units	Labor	Material	Equipment	Total
114296	Optical Turnstiles High Glass	EA	\$5,335.59	\$90,290.11	\$0.00	\$95,625.70
28-00-00 Electronic Safety and Security						
28-05-00 Common Work Results for Electronic Safety and Security						
28-05-00 Common Work Results for Electronic Safety and Security						
114297	Area of Refuge Vandal resistant Intercom	EA	\$316.16	\$661.92	\$0.00	\$978.08
114298	Area of Refuge Annunciator	EA	\$607.38	\$2,951.20	\$0.00	\$3,558.58
114299	Area of Refuge Vandal Lighted Sign	EA	\$158.86	\$203.27	\$0.00	\$362.13
28-10-00 Safety and Security Access Control						
28-15-00 Safety and Security Access Control Systems						
28-15-11 Safety and Security Access Control Equipment						
114300	Access control DSX 1048 Control Panel	EA	\$2,510.86	\$5,356.90	\$0.00	\$7,867.76
114301	Biometric Access Control Programing	EA	\$9,415.74	\$18,102.15	\$0.00	\$27,517.89
114302	Card Readers (prox sensor)	EA	\$117.69	\$282.93	\$0.00	\$400.62
114303	HID Card Reader with Keypad	EA	\$233.04	\$443.72	\$0.00	\$676.76
114304	Biometric Readers (Thumb Primarynt)	EA	\$117.70	\$463.95	\$0.00	\$581.65
114305	Weather Proof Card Readers (prox sensor)	EA	\$117.69	\$296.34	\$0.00	\$414.03
114306	Card Readers (Elevator prox sensor)	EA	\$156.93	\$309.75	\$0.00	\$466.68
114307	Electric Door Strikes	EA	\$117.70	\$233.99	\$0.00	\$351.69
114308	Schlage M490 Mag Lock	EA	\$117.69	\$454.82	\$0.00	\$572.51
114309	Means of Egress	EA	\$156.93	\$114.65	\$0.00	\$271.58
114310	Access control Cabinet	EA	\$941.57	\$2,078.40	\$0.00	\$3,019.97
114311	Hotel / Dorm Stand Alone Door Access Hardware	EA	\$156.93	\$1,066.02	\$0.00	\$1,222.95
114312	Altronix Maximall Power Supply	EA	\$627.72	\$950.82	\$0.00	\$1,578.54
114313	Access Control Shielded Cabling (2C/18)	LF	\$2.75	\$0.62	\$0.00	\$3.37
114314	Access Control Shielded Cabling (4C/18)	LF	\$2.75	\$0.74	\$0.00	\$3.49
114315	Access Control Shielded Cabling (6C/18)	LF	\$2.75	\$0.87	\$0.00	\$3.62
114316	Access Control Cable Termination	EA	\$7.06	\$0.12	\$0.00	\$7.18
114317	Card Reader Controller	EA	\$156.93	\$1,119.65	\$0.00	\$1,276.58
114318	Card Reader Extender Board	EA	\$78.46	\$914.25	\$0.00	\$992.71
114319	Flexible Conduit w/J Box	EA	\$117.70	\$45.59	\$0.00	\$163.29
114320	Access Control Gates	EA	\$0.00	\$5,229.51	\$0.00	\$5,229.51
114321	Card Readers (Relocate)	EA	\$627.72	\$442.50	\$0.00	\$1,070.22
114322	Access Control Switch	EA	\$1,883.15	\$3,191.34	\$0.00	\$5,074.49
114323	Aiphone Vandal Proof JK-1AEDY Video Intercom	EA	\$196.17	\$701.29	\$0.00	\$897.46
114324	Aiphone JK-1MED Video Master	EA	\$196.17	\$701.29	\$0.00	\$897.46
114325	18 AWG 2 Pair 4C Twisted Pair Aiphone Cable	LF	\$3.14	\$0.34	\$0.00	\$3.48
114326	Access Control Interface Relay	EA	\$156.93	\$343.27	\$0.00	\$500.20
114327	Access control Elevator	EA	\$1,255.43	\$4,934.51	\$0.00	\$6,189.94
114328	Test and Certification	EA	\$6,277.16	\$0.13	\$0.00	\$6,277.29
114329	Glass Break Detector	EA	\$78.46	\$126.04	\$0.00	\$204.50
114330	Metal Detector	EA	\$627.72	\$3,345.55	\$0.00	\$3,973.27
114331	Yerkada AD32 Readers	EA	\$117.69	\$425.43	\$0.00	\$543.12
114332	Yerkada AC41 Card Reader Controller	EA	\$156.93	\$2,192.98	\$0.00	\$2,349.91

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		Units	Labor	Material	Equipment	Total
114333	SWhipE Visitot Management Service Contract	YR	\$78.46	\$1,609.08	\$0.00	\$1,687.54
114334	SWhipE Visitot Management	EA	\$627.72	\$5,381.76	\$0.00	\$6,009.48
114335	11" X 11" X 2.5" NEMA 1 Lockable J-Box	EA	\$156.93	\$241.36	\$0.00	\$398.29
114336	Optex RLS-2020S POE Laser Scan Detector	EA	\$156.93	\$1,919.92	\$0.00	\$2,076.85
114337	Remote Access Button	EA	\$1,255.43	\$1,572.51	\$0.00	\$2,827.94
114338	Motion Sensors	EA	\$78.46	\$106.05	\$0.00	\$184.51
28-15-15 Safety and Security Access Control Devices						
114339	Bosch SE2010 Software	EA	\$3,138.58	\$5,764.53	\$0.00	\$8,903.11
114340	Bosch WP Escort Receiver	EA	\$156.93	\$402.27	\$0.00	\$559.20
114341	Bosch Escort EA 102A-304 Receiver	EA	\$156.93	\$275.49	\$0.00	\$432.42
114342	Bosch AE_100 Indoor Enclosure	EA	\$78.46	\$103.74	\$0.00	\$182.20
114343	Bosch SE88A 90S-304 Personal Transmitter	EA	\$7.84	\$125.56	\$0.00	\$133.40
114344	Bosch Personal Transmitter Holster	EA	\$7.84	\$43.96	\$0.00	\$51.80
114345	Bosch Central Station Interface	EA	\$627.72	\$412.02	\$0.00	\$1,039.74
114346	Bosch AE_101 Outdoor Enclosure	EA	\$78.46	\$247.46	\$0.00	\$325.92
114347	Bosch Alarm Control Panel (D7412GV4)	EA	\$313.86	\$335.22	\$0.00	\$649.08
114348	Blue Phone Assembly	EA	\$1,255.43	\$6,656.23	\$0.00	\$7,911.66
114349	Blue Phone Rough In Assembly	EA	\$156.93	\$181.02	\$0.00	\$337.95
114350	Security System Cabling	LF	\$1.25	\$0.50	\$0.00	\$1.75
114351	Door Contact Module	EA	\$313.86	\$1,810.22	\$0.00	\$2,124.08
114352	Sentrol 2505 Mag Lock	EA	\$117.69	\$454.82	\$0.00	\$572.51
114353	Door Release Push Button	EA	\$117.70	\$115.26	\$0.00	\$232.96
114354	Duress Button	EA	\$156.93	\$109.59	\$0.00	\$266.52
114355	Door Contacts	EA	\$78.46	\$75.58	\$0.00	\$154.04
114356	Electric Door Relay	EA	\$78.46	\$204.79	\$0.00	\$283.25
114357	Electric Door Strike	EA	\$78.46	\$274.28	\$0.00	\$352.74
114358	Electric Power Supply	EA	\$78.46	\$152.38	\$0.00	\$230.84
114359	Glass Break Detector	EA	\$78.46	\$133.11	\$0.00	\$211.57
114360	Intrusion Horn	EA	\$78.46	\$49.98	\$0.00	\$128.44
114361	Bosch Keypad D1255	EA	\$235.39	\$104.83	\$0.00	\$340.22
114362	Bosch Angle Intrusion Detector (ISC-CDL1-WA15G)	EA	\$156.93	\$60.71	\$0.00	\$217.64
114363	Bosch 360 Intrusion Detector (DS936)	EA	\$156.93	\$101.48	\$0.00	\$258.41
114364	Axis T8353A Microphone	EA	\$156.93	\$554.64	\$0.00	\$711.57
114365	Sounder Base	EA	\$117.69	\$217.23	\$0.00	\$334.92
114366	Security Cable (CAT6) Shielded Plenum Cable	LF	\$0.63	\$0.98	\$0.00	\$1.61
114367	16 AWG 4 Conductor Shielded Plenum Cable	LF	\$0.63	\$1.29	\$0.00	\$1.92
114368	Altronix SMP5CTX Power Supply	EA	\$313.86	\$177.00	\$0.00	\$490.86
28-20-00 Safety and Security Video Surveillance						
28-21-00 Safety and Security Video Surveillance Systems						
28-21-11 Safety and Security Video Surveillance Equipment						
114369	CCTV Network Video Recorder	EA	\$313.86	\$5,247.80	\$0.00	\$5,561.66
114370	CCTV Rack Equipment	EA	\$1,255.43	\$3,379.07	\$0.00	\$4,634.50
114371	CCTV network interface	EA	\$156.93	\$933.08	\$0.00	\$1,090.01
114372	Bosch Dinion 6000 HD Day/ Night Camera	EA	\$156.93	\$793.57	\$0.00	\$950.50

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		Units	Labor	Material	Equipment	Total
114373	Panasonic WV-SW598 Vandal Proof Pan-Tilt-Zoom Camera	EA	\$117.70	\$3,577.76	\$0.00	\$3,695.46
114374	CCTV Digital Cameras	EA	\$313.86	\$571.71	\$0.00	\$885.57
114375	Panasonic WV-SFV481 Vandal Resistant Digital Cameras	EA	\$117.70	\$1,919.92	\$0.00	\$2,037.62
114376	Bosch Flexidome 5000i Digital Cameras	EA	\$117.69	\$800.88	\$0.00	\$918.57
114377	Sony IPELA (Day/Night) Full HD	EA	\$313.86	\$692.39	\$0.00	\$1,006.25
114378	CCTV Vandal Proof Pan-Tilt-Zoom Camera w/ Weather Proof Dome	EA	\$196.17	\$1,217.78	\$0.00	\$1,413.95
114379	CCTV Fixed Digital Camera in Weather Proof Dome	EA	\$470.79	\$1,654.18	\$0.00	\$2,124.97
114380	Weather Proof Dome	EA	\$156.93	\$481.50	\$0.00	\$638.43
114381	Panasonic WJ-NV300 Digital Recorder with monitor	EA	\$627.72	\$6,041.36	\$0.00	\$6,669.08
114382	CCTV One Terabit Digital Recorder	EA	\$313.86	\$1,072.72	\$0.00	\$1,386.58
114383	Lorex 4K HD 32 Channel NVR 6TB Storage POE	EA	\$313.86	\$1,822.40	\$0.00	\$2,136.26
114384	CCTV Equipment relay cabinet	EA	\$1,255.43	\$1,694.41	\$0.00	\$2,949.84
114385	Dell EMC VNX	EA	\$627.72	\$8,775.58	\$0.00	\$9,403.30
114386	Wall/Ceiling Mounting Box	EA	\$78.46	\$17.68	\$0.00	\$96.14
114387	Cat6A Patch Cord	EA	\$15.70	\$7.01	\$0.00	\$22.71
114388	Security System (Cat6A) Cabling	LF	\$1.25	\$0.51	\$0.00	\$1.76
114389	ComNet Ethernet CNFE 100X (Cat6A to Fiber)	EA	\$156.93	\$505.88	\$0.00	\$662.81
114390	Pelco DSSRV2 Network Video Recorder 24YB	EA	\$313.86	\$12,560.58	\$0.00	\$12,874.44
114391	Bosch VER_L2R2 License Plate Reader	EA	\$196.17	\$1,460.36	\$0.00	\$1,656.53
114392	Pelco IMP 221 IRS	EA	\$156.93	\$565.62	\$0.00	\$722.55
114393	Pelco MM 12018 Degree in IR Dome	EA	\$156.93	\$1,099.54	\$0.00	\$1,256.47
114394	Pelco Sarix IMP 521 IRS in IR Dome	EA	\$156.93	\$839.89	\$0.00	\$996.82
114395	Pelco IME329-1IS Vandal Resistant in Dome	EA	\$196.17	\$928.88	\$0.00	\$1,125.05
114396	Pelco IMM 12027 270 Degree in IR Dome	EA	\$196.17	\$1,921.20	\$0.00	\$2,117.37
114397	Pelco IMM 12036 360 Degree in IR Dome	EA	\$196.17	\$2,245.14	\$0.00	\$2,441.31
114398	Axis M3064-V	EA	\$196.17	\$376.67	\$0.00	\$572.84
114399	Verint 3820 FDW-DN	EA	\$196.17	\$530.26	\$0.00	\$726.43
114400	Verint 47500 FDW-DN	EA	\$196.17	\$786.26	\$0.00	\$982.43

28-40-00 Safety and Security Life Safety

28-46-00 Safety and Security Fire Detection and Alarm Systems

28-46-20 Safety and Security Fire Alarm Devices

114401	CM Speaker/ Strobe	EA	\$78.46	\$140.31	\$0.00	\$218.77
114402	CM TR Speaker/ Strobe	EA	\$78.46	\$152.50	\$0.00	\$230.96
114403	CM Speaker	EA	\$78.46	\$134.21	\$0.00	\$212.67
114404	CM Strobe	EA	\$78.46	\$134.09	\$0.00	\$212.55
114405	WP Strobe	EA	\$78.46	\$143.84	\$0.00	\$222.30
114406	WG Smoke Detector	EA	\$78.46	\$146.28	\$0.00	\$224.74
114407	WP Speaker- Strobe	EA	\$78.46	\$151.16	\$0.00	\$229.62
114408	Pull Station	EA	\$78.46	\$100.08	\$0.00	\$178.54
114409	Heat Detector	EA	\$78.46	\$103.74	\$0.00	\$182.20
114410	Bosch 465 Communicator	EA	\$235.39	\$296.22	\$0.00	\$531.61
114411	Fire/Smoke Damper	EA	\$156.93	\$464.20	\$0.00	\$621.13

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		Units	Labor	Material	Equipment	Total
114412	Smoke Detector	EA	\$78.46	\$103.74	\$0.00	\$182.20
114413	Smoke Detector (Elevator Lobby)	EA	\$78.46	\$128.12	\$0.00	\$206.58
114414	CO Detector w/ Sounder Base	EA	\$156.93	\$458.27	\$0.00	\$615.20
114415	CO Horn/Strobe	EA	\$117.69	\$124.34	\$0.00	\$242.03
114416	COMBO Speaker / Strobe	EA	\$117.70	\$118.24	\$0.00	\$235.94
114417	Strobe	EA	\$78.46	\$110.93	\$0.00	\$189.39
114418	COMBO Horn / Strobe	EA	\$117.70	\$118.24	\$0.00	\$235.94
114419	Fire Phone Jack	EA	\$117.70	\$91.42	\$0.00	\$209.12
114420	Fire Phone Cabinets	EA	\$196.17	\$457.12	\$0.00	\$653.29
114421	Speaker	EA	\$78.46	\$49.98	\$0.00	\$128.44
114422	Water Proof Speaker	EA	\$78.46	\$125.56	\$0.00	\$204.02
114423	Water Flow	EA	\$78.46	\$226.19	\$0.00	\$304.65
114424	Tamper	EA	\$78.46	\$226.19	\$0.00	\$304.65
114425	Fan Shut-Down Relay	EA	\$156.93	\$270.07	\$0.00	\$427.00
114426	Smoke Detector/Duct Mounted	EA	\$117.70	\$287.14	\$0.00	\$404.84
114427	Test Station w/ Keyed Switch	EA	\$78.46	\$96.97	\$0.00	\$175.43
114428	Magnetic Door Holders w/Relay	EA	\$94.16	\$95.75	\$0.00	\$189.91
114429	Door Holders Power Connection	EA	\$156.93	\$182.30	\$0.00	\$339.23
114430	Under Floor Smoke Detectors	EA	\$117.70	\$165.17	\$0.00	\$282.87
114431	Fire Alarm Exterior Beacon	EA	\$156.93	\$328.52	\$0.00	\$485.45
114432	Flow/Tamper Relay	EA	\$78.46	\$168.34	\$0.00	\$246.80
114433	Elevator Relay Module	EA	\$78.46	\$124.70	\$0.00	\$203.16
114434	Weather Poof Fire Bell / Strobe	EA	\$117.70	\$349.85	\$0.00	\$467.55
114435	Smoke Detector/Ceiling Mounted Beam (Set)	EA	\$313.86	\$936.80	\$0.00	\$1,250.66
114436	Smoke Exhaust Relay	EA	\$188.31	\$216.98	\$0.00	\$405.29
114437	Control Module (F/A Interface)	EA	\$117.69	\$363.26	\$0.00	\$480.95
114438	F/A Addressable Relay	EA	\$78.46	\$76.19	\$0.00	\$154.65
114439	Addressable Monitor Module	EA	\$78.46	\$191.38	\$0.00	\$269.84
114440	Vesda Air Sampling Smoke Detection	EA	\$2,510.86	\$9,252.21	\$0.00	\$11,763.07
114441	Vesda Air Sampling Smoke Detection Tube	LF	\$1.56	\$3.66	\$0.00	\$5.22
114442	CO System Module	EA	\$78.46	\$364.25	\$0.00	\$442.71
114443	Air Sampling Smoke Detection Tube	EA	\$58.85	\$19.15	\$0.00	\$78.00
114444	FM 200 System	EA	\$2,510.86	\$6,619.17	\$0.00	\$9,130.03
114445	Heat Detection Cable Supports	EA	\$3.92	\$1.65	\$0.00	\$5.57
114446	Heat Detection Cable	LF	\$2.59	\$3.66	\$0.00	\$6.25
114447	Position Indicator	EA	\$78.46	\$86.00	\$0.00	\$164.46
114448	CI FA Cable	LF	\$1.56	\$6.39	\$0.00	\$7.95
114449	FA Metal Clad Cable 2C/G	LF	\$1.56	\$2.05	\$0.00	\$3.61
114450	FA Cable-Plenum-2 pair/16	LF	\$1.56	\$0.50	\$0.00	\$2.06
114451	FA Cable Non-Plenum-2 pair/16	LF	\$1.56	\$0.46	\$0.00	\$2.02
114452	FA-2C/14 Plenum Power Cable	LF	\$1.56	\$0.52	\$0.00	\$2.08
114453	FA 2C/14 Non Plenum Power Cable	LF	\$1.56	\$0.39	\$0.00	\$1.95
114454	System Test and Certify	EA	\$12,554.32	\$0.00	\$0.00	\$12,554.32
114455	Device Test and Certify	EA	\$156.93	\$0.00	\$0.00	\$156.93
114456	JCI Programing	EA	\$470.79	\$0.00	\$0.00	\$470.79
114457	14-2 Metal Clad Fire Alarm Cable	LF	\$2.75	\$1.43	\$0.00	\$4.18
114458	Beam Detection Set	EA	\$313.86	\$957.59	\$0.00	\$1,271.45
114459	Municipal Interface Modem	EA	\$1,255.43	\$2,719.59	\$0.00	\$3,975.02
114460	CO Speaker	EA	\$78.46	\$49.98	\$0.00	\$128.44
114461	Isolation Module	EA	\$235.39	\$148.72	\$0.00	\$384.11
114462	Hazardous Location Speaker	EA	\$235.39	\$1,279.95	\$0.00	\$1,515.34
114463	Class 116 Explosion Proof FA Strobe	EA	\$235.39	\$2,000.65	\$0.00	\$2,236.04
114464	Explosion Proof FA Strobe Wall Elbow	EA	\$78.46	\$312.31	\$0.00	\$390.77

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		Units	Labor	Material	Equipment	Total
114465	Explosion Proof FA Strobe Wall Mount Box	EA	\$78.46	\$411.77	\$0.00	\$490.23
114466	Explosion Proof FA Strobe Pendant Mount	EA	\$78.46	\$285.82	\$0.00	\$364.28
114467	Edwards 105 Series LED Beacon	EA	\$117.69	\$519.32	\$0.00	\$637.01
114468	SSM24-6 System Sensor 24V Bell	EA	\$117.69	\$78.02	\$0.00	\$195.71
28-46-21 Safety and Security Fire Alarm Panels						
114469	Voice EVAC Panel Upgrade	EA	\$1,883.15	\$20,467.01	\$0.00	\$22,350.16
114470	Fire Alarm Annunciator Panel	EA	\$2,510.86	\$3,809.38	\$0.00	\$6,320.24
114471	Fire Alarm Control Panel (NW-100)	EA	\$2,510.86	\$5,180.75	\$0.00	\$7,691.61
114472	Fire Alarm nfc 50/100 Control Panel	EA	\$2,510.86	\$2,757.38	\$0.00	\$5,268.24
114473	Fire Alarm Command Center	EA	\$9,415.74	\$42,908.80	\$0.00	\$52,324.54
114474	Fire Alarm Campus Interface Panel	EA	\$2,510.86	\$4,539.19	\$0.00	\$7,050.05
114475	Fire Alarm Honeywell NSF-320 Control Unit	EA	\$2,510.86	\$4,679.74	\$0.00	\$7,190.60
114476	Fire Alarm Control Unit	EA	\$5,021.73	\$22,673.40	\$0.00	\$27,695.13
114477	Notifier DGP NSS-AFS-3030	EA	\$1,255.43	\$9,384.96	\$0.00	\$10,640.39
114478	Fire Alarm Notification Panel	EA	\$1,255.43	\$2,101.19	\$0.00	\$3,356.62
114479	Fire Alarm Amplifier Panel	EA	\$313.86	\$636.93	\$0.00	\$950.79
114480	F/A Pre-Action Panel	EA	\$1,255.43	\$5,082.01	\$0.00	\$6,337.44
114481	Fire Alarm Primarynter (Simplex 4190)	EA	\$627.72	\$3,655.78	\$0.00	\$4,283.50
114482	Fire Alarm Remote Power Supply	EA	\$627.72	\$486.38	\$0.00	\$1,114.10
114483	Fire Alarm Smoke Control Panel	EA	\$1,255.43	\$2,071.08	\$0.00	\$3,326.51
114484	Fire Alarm Strobe Booster Panel	EA	\$1,255.43	\$2,285.62	\$0.00	\$3,541.05
114485	Fire Alarm Terminal Cabinet	EA	\$1,255.43	\$1,048.34	\$0.00	\$2,303.77
114486	Fire Fighter's Smoke Control Panel	EA	\$1,255.43	\$1,895.54	\$0.00	\$3,150.97
114487	Field Processing Unit-Transponder	EA	\$1,255.43	\$4,620.01	\$0.00	\$5,875.44
114488	Notification Appliance Circuit	EA	\$313.86	\$481.50	\$0.00	\$795.36
28-49-00 Electronic Personal Protection Systems						
28-49-17 Electronic Personal Safety Emergency Aid Devices						
<i>Usage of any specific "Confined Space Equipment" Item use is limited, and must be required by permit or as determined by Agency.</i>						
114489	Confined Space Equipment - Winch or Manhoist, Body Harness, and (SRL) Self Retracting Lifeline Usage of this item is limited by permit or requirements as determined by Agency.	DAY	\$0.00	\$0.00	\$96.00	\$96.00
114490	Confined Space Equipment - Tripod Usage of this item is limited by permit or requirements as determined by Agency.	DAY	\$0.00	\$0.00	\$56.99	\$56.99
114491	Confined Space Equipment - Personal Multi-Gas Detector (4 Gas) and Respirator Usage of this item is limited by permit or requirements as determined by Agency.	DAY	\$0.00	\$0.00	\$47.00	\$47.00

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		Units	Labor	Material	Equipment	Total
114492	Confined Space Equipment - 1 Standard Entry and 1 Exit Fan with 20' of Ductwork for each Usage of this item is limited by permit or requirements as determined by Agency.	DAY	\$0.00	\$0.00	\$68.00	\$68.00
114493	Confined Space Equipment - 1 Large (20"+) Entry and 1 Large (20"+) Exit Fan with 50' of Ductwork each Usage of this item is limited by permit or requirements as determined by Agency.	DAY	\$0.00	\$0.00	\$300.00	\$300.00
114494	Confined Space Equipment - Temporary Bulkhead Usage of this item is limited by permit or requirements as determined by Agency.	EA	\$0.00	\$0.00	\$380.01	\$380.01
114495	Confined Space Equipment - Daily Monitoring, Setup & Take Down of LockOut/TagOut, Warning Signs and required Safety Equipment Usage of this item is limited by permit or requirements as determined by Agency.	DAY	\$204.80	\$0.00	\$0.00	\$204.80
114496	[Modifier] Confined Space - Production Downtime for Operator Usage of this item is limited by permit or requirements as determined by Agency. Production Downtime is any time when labor is not producing as efficiently as normal production (non-confined space). This item is may only be used with other Confined Space items.	HR	\$82.43	\$0.00	\$0.00	\$82.43
114497	[Modifier] Confined Space - Production Downtime for Laborer Usage of this item is limited by permit or requirements as determined by Agency. Production Downtime is any time when labor is not producing as efficiently as normal production (non-confined space). This item is may only be used with other Confined Space items.	HR	\$58.88	\$0.00	\$0.00	\$58.88

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		Units	Labor	Material	Equipment	Total
114498	[Modifier] Confined Space - Production Downtime for Pipefitter (or Plumber) Usage of this item is limited by permit or requirements as determined by Agency. Production Downtime is any time when labor is not producing as efficiently as normal production (non-confined space). This item is may only be used with other Confined Space items.	HR	\$81.71	\$0.00	\$0.00	\$81.71
114499	[Modifier] Confined Space - Production Downtime for Electrician Usage of this item is limited by permit or requirements as determined by Agency. Production Downtime is any time when labor is not producing as efficiently as normal production (non-confined space). This item is may only be used with other Confined Space items.	HR	\$78.46	\$0.00	\$0.00	\$78.46

28-50-00 Safety and Security Specialized Systems

28-55-00 Safety and Security Specialized Systems

28-55-11 Safety and Security Laser Safety

114500	Armored Duel Magnetic Switch	EA	\$78.46	\$41.45	\$0.00	\$119.91
114501	Card Reader	EA	\$78.46	\$364.48	\$0.00	\$442.94
114502	Warning Module	EA	\$78.46	\$343.76	\$0.00	\$422.22
114503	Interlock Control	EA	\$78.46	\$242.58	\$0.00	\$321.04
114504	Emergency Crash	EA	\$78.46	\$164.56	\$0.00	\$243.02
114505	Sutter Interface	EA	\$78.46	\$242.58	\$0.00	\$321.04
114506	Means of Egress	EA	\$78.46	\$109.10	\$0.00	\$187.56
114507	Non-Defeatable Access Control	EA	\$78.46	\$310.84	\$0.00	\$389.30
114508	Defeatable Access Control	EA	\$313.86	\$1,470.11	\$0.00	\$1,783.97
114509	8C Interlock Cable	LF	\$0.16	\$0.57	\$0.00	\$0.73
114510	Tyton Single Gang Box	EA	\$39.24	\$8.19	\$0.00	\$47.43
114511	Tyton 6' Track Conduit	EA	\$39.24	\$12.60	\$0.00	\$51.84
114512	Power Supply	EA	\$78.46	\$40.23	\$0.00	\$118.69

31-00-00 Earthwork

Includes all required fuel, hauling/trucking up to 30 miles, and dumping fees unless noted otherwise. Units and costs are based on "Bank Measure" (Volume is in its natural state before excavation. Pricing includes any factors for expansion and compaction)

31-00-00 Earthwork

Includes all required fuel, hauling/trucking up to 30 miles, and dumping fees unless noted otherwise. Units and costs are based on "Bank Measure" (Volume is in its natural state before excavation. Pricing includes any factors for expansion and compaction)

31-05-00 Common Work Results for Earthwork

31-05-00 Common Work Results for Earthwork

114513	Furnish & Install Gabion Baskets. Material costs include Gabion baskets, and Hog Rings. Equipment costs include trucking/freight of gabion basket materials and equipment. Labor costs include crew to assemble and install gabion baskets.	EA	\$35.20	\$195.00	\$19.81	\$250.01
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31-09-00 Geotechnical Instrumentation and Monitoring of Earthwork

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		Units	Labor	Material	Equipment	Total
31-09-13	Geotechnical Instrumentation and Monitoring					
114514	Drill and Install 2.75" Steel Casing Wells and 2" Schedule 80 PVC Wells Includes drill rig mobilization/demobilization, drill rig, labor and materials. Based on 715 lf; 6 wells total	LF	\$23.31	\$29.76	\$94.25	\$147.32
31-10-00	Site Clearing					
31-14-00	Earth Stripping and Stockpiling					
31-14-13	Soil Stripping and Stockpiling					
114515	Strip and Stockpile Topsoil / Sand on Site – Up To 700 Feet to Stockpile Location By Machine	CY	\$2.62	\$0.24	\$1.61	\$4.47
114516	Strip and Stockpile Topsoil / Sand on Site – 701 To 1,400 Feet to Stockpile Location By Machine	CY	\$3.28	\$0.29	\$1.93	\$5.50
114517	Strip and Stockpile Topsoil / Sand on Site – Greater Than 1,400 Feet to Stockpile Location By Machine	CY	\$3.63	\$0.32	\$2.12	\$6.07
114518	Strip Topsoil / Sand and Haul Off Site – Up To 15 Miles By Machine	CY	\$14.51	\$1.35	\$8.90	\$24.76
114519	Strip Topsoil / Sand and Haul Off Site – 16 To 30 Miles By Machine	CY	\$18.15	\$1.62	\$10.68	\$30.45
114520	Strip Topsoil / Sand and Haul Off Site – Greater Than 30 Miles By Machine	CY	\$20.16	\$1.78	\$11.75	\$33.69
114521	Clear/Grubb - Brush and Tree Removal (Up to 2" Caliper) Excludes Tree (Over 2" Caliper) and Stump Removal; Removals are Included in Division 02 41 13	SF	\$0.06	\$0.00	\$0.03	\$0.09
114522	[Modifier] Quantity Premium - Soil Stripping and Stockpiling (31-50 CY) Quantity premium can be used when total cubic yardage in section 31-14-16 Soil Stripping and Stockpiling are within stated quantities. Can be applied cumulatively to base line items.	CY	\$12.63	\$0.00	\$0.00	\$12.63
114523	[Modifier] Quantity Premium - Soil Stripping and Stockpiling (11-30 CY) Quantity premium can be used when total cubic yardage in section 31-14-16 Soil Stripping and Stockpiling are within stated quantities. Can be applied cumulatively to base line items.	CY	\$21.06	\$0.00	\$0.00	\$21.06

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		Units	Labor	Material	Equipment	Total
114524	[Modifier] Quantity Premium - Soil Stripping and Stockpiling (< or = to 10 CY) Quantity premium can be used when total cubic yardage in section 31-14-16 Soil Stripping and Stockpiling are within stated quantities. Can be applied cumulatively to base line items.	CY	\$63.16	\$0.00	\$0.00	\$63.16
31-14-16 Sod Stripping and Stockpiling						
114525	Grass Sod Cutting – By Hand	SF	\$7.52	\$0.00	\$0.00	\$7.52
114526	Grass Sod Cutting – Machine	SF	\$0.38	\$0.05	\$0.05	\$0.48
114527	[Modifier] Quantity Premium - Soil Stripping and Stockpiling (101-500 SF) Quantity premium can be used when total square footage in section 31-14-16 Sod Stripping and Stockpiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$1.81	\$0.00	\$0.00	\$1.81
114528	[Modifier] Quantity Premium - Soil Stripping and Stockpiling (51-100 SF) Quantity premium can be used when total square footage in section 31-14-16 Sod Stripping and Stockpiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$4.51	\$0.00	\$0.00	\$4.51
114529	[Modifier] Quantity Premium - Soil Stripping and Stockpiling (< or = to 50 SF) Quantity premium can be used when total square footage in section 31-14-16 Sod Stripping and Stockpiling are within stated quantities. Can be applied cumulatively to base line items.	SF	\$9.03	\$0.00	\$0.00	\$9.03
31-20-00 Earth Moving						
31-22-00 Grading						
31-22-00 Grading						
114530	Rough Grading – Cut Site To remove excess dirt material from select areas	CY	\$6.16	\$0.57	\$3.78	\$10.51
114531	Rough Grading – Fill Site To add dirt native or approved import material to select areas	CY	\$6.51	\$0.61	\$3.98	\$11.10
114532	Rough Grading – Fill Site With Imported Material As approved by the projects Landscape Architect/Geotechnical Engineer, includes compaction.	CY	\$6.51	\$18.02	\$3.98	\$28.51
114533	Fine Grading – Fill Site With Stockpiled Material	CY	\$6.85	\$0.63	\$4.20	\$11.68

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		Units	Labor	Material	Equipment	Total
114534	Fine Grading – Fill Site With Imported Material As approved by the projects Landscape Architect/Geotechnical Engineer, includes compaction.	CY	\$6.85	\$28.62	\$4.20	\$39.67
114535	Fine Grading By Hand – Fill Site With Imported Material As approved by the projects Landscape Architect/Geotechnical Engineer, includes compaction.	CY	\$45.11	\$28.62	\$0.00	\$73.73
114536	Fine Grading By Hand – Fill Site With Stockpiled Material	CY	\$45.11	\$0.32	\$0.00	\$45.43
114537	Fine Grading to +/- 0.1' at Flatwork Or tolerance as required by project specifications	SY	\$0.25	\$0.02	\$0.16	\$0.43
114538	Existing Soil Compaction Cannot be used with items that already include compaction	CY	\$4.28	\$0.40	\$2.62	\$7.30
114539	[Modifier] Quantity Premium - Grading (31-50 CY) Quantity premium can be used when total cubic yardage in section 31-22-00 Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$12.63	\$0.00	\$0.00	\$12.63
114540	[Modifier] Quantity Premium - Grading (11-30 CY) Quantity premium can be used when total cubic yardage in section 31-22-00 Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$21.06	\$0.00	\$0.00	\$21.06
114541	[Modifier] Quantity Premium - Grading (< or = to 10 CY) Quantity premium can be used when total cubic yardage in section 31-22-00 Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$63.16	\$0.00	\$0.00	\$63.16
31-22-19 Finish Grading						
114542	Finish Grade to +/- 0.1' for Street Paving Fine Grading with compaction to +/- 0.1', or tolerance as required by project specifications	SF	\$0.07	\$0.00	\$0.06	\$0.13
114543	Finish Grade to +/- 0.1' for Parking Lot Paving Fine Grading with compaction to +/- 0.1', or tolerance as required by project specifications	SF	\$0.15	\$0.00	\$0.08	\$0.23

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		Units	Labor	Material	Equipment	Total
114544	Finish Grade to +/- 0.1' for Building Slab Fine Grading with compaction to +/- 0.1', or tolerance as required by project specifications	SF	\$0.07	\$0.00	\$0.06	\$0.13
31-23-00 Excavation and Fill						
31-23-16 Excavation						
<i>Hauling/Trucking items include dumping fees and all required fuel for up to 30 miles unless noted otherwise.</i>						
114545	Excavation - Building Foundations (Under 5,000 CY Total) By power equipment. Includes all soil and earthwork types except those identified below.	CY	\$10.25	\$0.95	\$6.28	\$17.48
114546	Excavation - Building Foundations (5,000 CY Total and Up) By power equipment. Includes all soil and earthwork types except those identified below.	CY	\$7.31	\$0.57	\$3.77	\$11.65
114547	Excavation - Building Foundations - 18" to 24" Diameter Includes skid steer w/auger attachment. Does not include disposal of excavated, concrete or re-bar	LF	\$58.54	\$0.00	\$14.19	\$72.73
114548	Excavation - Building Foundations - 26" to 28" Diameter Includes skid steer w/auger attachment. Does not include disposal of excavated, concrete or re-bar	LF	\$66.90	\$0.00	\$16.22	\$83.12
114549	Excavation - Building Foundations - 30" to 36" Diameter Includes skid steer w/auger attachment. Does not include disposal of excavated, concrete or re-bar	LF	\$78.05	\$0.00	\$18.92	\$96.97
114550	Excavation - Building Foundations Rock By power equipment. Includes hard materials which require blasting, ripping or fracturing.	CY	\$68.90	\$6.40	\$42.25	\$117.55
114551	Excavation - Building Foundations Rubble By power equipment. Includes materials not consistent with surrounding soil conditions including but not limited to broken concrete, masonry, tree stumps, brick, etc.	CY	\$22.85	\$2.24	\$14.74	\$39.83
114552	Excavation - Site (Under 5,000 CY Total) By power equipment. Includes all soil and earthwork types except those identified below.	CY	\$10.25	\$0.95	\$6.28	\$17.48

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		Units	Labor	Material	Equipment	Total
114553	Excavation - Site (5,000 CY Total and Up) By power equipment. Includes all soil and earthwork types except those identified below.	CY	\$7.31	\$0.57	\$3.77	\$11.65
114554	Excavation - Site Rock By power equipment. Includes hard materials which require blasting, ripping or fracturing.	CY	\$68.90	\$6.40	\$42.25	\$117.55
114555	Excavation - Site Rubble By power equipment. Includes materials not consistent with surrounding soil conditions including but not limited to broken concrete, masonry, tree stumps, brick, etc.	CY	\$22.85	\$2.24	\$14.74	\$39.83
114556	Hand Excavation – Interior Includes all soil and earthwork types except those identified below. Not eligible for [Modifier] Quantity Premium	CY	\$155.28	\$0.00	\$0.00	\$155.28
114557	Hand Excavation – Interior Stone Not eligible for [Modifier] Quantity Premium	CY	\$229.54	\$0.00	\$0.00	\$229.54
114558	Hand Excavation – Exterior Includes all soil and earthwork types except those identified below. Not eligible for [Modifier] Quantity Premium	CY	\$131.99	\$0.00	\$0.00	\$131.99
114559	Hand Excavation – Exterior Stone Not eligible for [Modifier] Quantity Premium	CY	\$263.97	\$0.00	\$0.00	\$263.97
114560	Trenching Excavation & Backfill - Up To 8" Wide and 24" Deep By chain trencher (walk behind or ride on). Backfill of excavated materials by chain trencher backfill blade.	LF	\$9.03	\$0.84	\$5.53	\$15.40
114561	Trenching Excavation & Backfill - Up to 8" Wide and 25" To 36" Deep By chain trencher (walk behind or ride on). Backfill of excavated materials by chain trencher backfill blade.	LF	\$12.03	\$1.05	\$6.92	\$20.00
114562	Trenching Excavation & Backfill - Up to 8" Wide and 37" To 60" Deep By chain trencher (walk behind or ride on). Backfill of excavated materials by chain trencher backfill blade.	LF	\$16.04	\$1.30	\$8.65	\$25.99
114563	Trench Excavation for Utilities - by Backhoe For Excavation trench widths of 1.5' or less	CY	\$12.45	\$0.00	\$2.54	\$14.99
114564	Trench Excavation for Utilities - by Backhoe For Excavation trench widths of 2'	CY	\$8.15	\$0.00	\$1.67	\$9.82

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		Units	Labor	Material	Equipment	Total
114565	Trench Excavation for Utilities - by Backhoe For Excavation trench widths of 2.5'	CY	\$6.14	\$0.00	\$1.25	\$7.39
114566	Trench Excavation for Utilities - by Backhoe For Excavation trench widths of 3' or greater	CY	\$3.81	\$0.00	\$0.78	\$4.59
114567	Trench Excavation for Utilities - by Excavator For Excavation trench widths of 3.5' (Excavator size to be mini, medium or less than 50 Ton)	CY	\$3.51	\$0.00	\$2.53	\$6.04
114568	Trench Excavation for Utilities - by Excavator For Excavation trench widths of 4' (Excavator size to be mini, medium or less than 50 Ton)	CY	\$2.86	\$0.00	\$2.07	\$4.93
114569	Trench Excavation for Utilities - by Excavator For Excavation trench widths of 4.5' (Excavator size to be mini, medium or less than 50 Ton)	CY	\$2.46	\$0.00	\$1.77	\$4.23
114570	Trench Excavation for Utilities - by Excavator For Excavation trench widths of 5' (Excavator size to be mini, medium or less than 50 Ton)	CY	\$1.99	\$0.00	\$1.44	\$3.43
114571	Trench Excavation for Utilities - by Excavator For Excavation trench widths of 5.5' or greater (Excavator size to be mini, medium or less than 50 Ton)	CY	\$1.69	\$0.00	\$1.22	\$2.91
114572	Trench Excavation for Utilities - by Large Excavator For Excavation trench widths of 5.5' (Excavator size to be 50 Ton or Larger)	CY	\$5.54	\$0.00	\$1.72	\$7.26
114573	Trench Excavation for Utilities - by Large Excavator For Excavation trench widths of 6' (Excavator size to be 50 Ton or Larger)	CY	\$5.42	\$0.00	\$1.68	\$7.10
114574	Trench Excavation for Utilities - by Large Excavator For Excavation trench widths of 6.5' or greater (Excavator size to be 50 Ton or Larger)	CY	\$5.05	\$0.00	\$1.56	\$6.61
114575	Trench Plate, 5 x 10 (DY) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	DY	\$0.00	\$0.00	\$55.00	\$55.00
114576	Trench Plate, 5 x 10 (WK) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	WK	\$0.00	\$0.00	\$143.00	\$143.00

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		Units	Labor	Material	Equipment	Total
114577	Trench Plate, 5 x 10 (MO) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	MO	\$0.00	\$0.00	\$529.00	\$529.00
114578	Trench Plate, 8 x 10 (DY) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	DY	\$0.00	\$0.00	\$48.00	\$48.00
114579	Trench Plate, 8 x 10 (WK) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	WK	\$0.00	\$0.00	\$136.00	\$136.00
114580	Trench Plate, 8 x 10 (MO) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	MO	\$0.00	\$0.00	\$382.00	\$382.00
114581	Trench Plate, 8 x 20 (DY) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	DY	\$0.00	\$0.00	\$106.00	\$106.00
114582	Trench Plate, 8 x 20 (WK) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	WK	\$0.00	\$0.00	\$265.01	\$265.01
114583	Trench Plate, 8 x 20 (MO) Trench plate thickness to be capable of supporting traffic loads across trench or openings in roadways or pedestrian areas	MO	\$0.00	\$0.00	\$550.00	\$550.00
114584	Haul Excavated Materials – Building Foundations (Under 5,000 CY Total) Up to 30 miles. Not eligible for [Modifier] Quantity Premium	CY	\$14.87	\$1.33	\$8.75	\$24.95
114585	Haul Excavated Materials – Building Foundations (5,000 CY Total and Up) Up to 30 miles. Not eligible for [Modifier] Quantity Premium	CY	\$10.61	\$0.79	\$5.26	\$16.66
114586	Haul Excavated Materials – Site (Under 5,000 CY Total) Up to 30 miles. Not eligible for [Modifier] Quantity Premium	CY	\$14.87	\$1.33	\$8.75	\$24.95
114587	Haul Excavated Materials – Site (5,000 CY Total and Up) Up to 30 miles. Not eligible for [Modifier] Quantity Premium	CY	\$10.61	\$0.79	\$5.26	\$16.66
31-23-19 Dewatering						
<i>Includes delivery, set up, suction and discharge hoses</i>						
114588	Trash Pump - 2" Gas (DY) Daily Rate for 2" Trash Pump	DY	\$0.00	\$0.00	\$104.01	\$104.01
114589	Trash Pump - 2" Gas (WK) Weekly Rate for 2" Trash Pump	WK	\$0.00	\$0.00	\$284.00	\$284.00

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		Units	Labor	Material	Equipment	Total
114590	Trash Pump - 2" Gas (MO) Monthly Rate for 2" Trash Pump	MO	\$0.00	\$0.00	\$847.00	\$847.00
114591	Trash Pump - 3" Gas (DY) Daily Rate for 3" Trash Pump	DY	\$0.00	\$0.00	\$124.00	\$124.00
114592	Trash Pump - 3" Gas (WK) Weekly Rate for 3" Trash Pump	WK	\$0.00	\$0.00	\$344.00	\$344.00
114593	Trash Pump - 3" Gas (MO) Monthly Rate for 3" Trash Pump	MO	\$0.00	\$0.00	\$1,025.00	\$1,025.00
114594	Trash Pump - 4" Gas (DY) Daily Rate for 4" Trash Pump	DY	\$0.00	\$0.00	\$177.00	\$177.00
114595	Trash Pump - 4" Gas (WK) Weekly Rate for 4" Trash Pump	WK	\$0.00	\$0.00	\$497.00	\$497.00
114596	Trash Pump - 4" Gas (MO) Monthly Rate for 4" Trash Pump	MO	\$0.00	\$0.00	\$1,491.00	\$1,491.00
114597	Diaphragm Pump - 2" Gas (DY)	DY	\$0.00	\$0.00	\$136.00	\$136.00
114598	Diaphragm Pump - 2" Gas (WK)	WK	\$0.00	\$0.00	\$404.00	\$404.00
114599	Diaphragm Pump - 2" Gas (MO)	MO	\$0.00	\$0.00	\$942.00	\$942.00
114600	Diaphragm Pump - 3" Gas (DY)	DY	\$0.00	\$0.00	\$145.00	\$145.00
114601	Diaphragm Pump - 3" Gas (WK)	WK	\$0.00	\$0.00	\$432.00	\$432.00
114602	Diaphragm Pump - 3" Gas (MO)	MO	\$0.00	\$0.00	\$1,029.00	\$1,029.00
114603	Diaphragm Pump - 4" Diesel (DY)	DY	\$0.00	\$0.00	\$185.00	\$185.00
114604	Diaphragm Pump - 4" Diesel (WK)	WK	\$0.00	\$0.00	\$550.00	\$550.00
114605	Diaphragm Pump - 4" Diesel (MO)	MO	\$0.00	\$0.00	\$1,643.00	\$1,643.00
114606	Diaphragm Pump - 6" Diesel (DY)	DY	\$0.00	\$0.00	\$268.00	\$268.00
114607	Diaphragm Pump - 6" Diesel (WK)	WK	\$0.00	\$0.00	\$714.00	\$714.00
114608	Diaphragm Pump - 6" Diesel (MO)	MO	\$0.00	\$0.00	\$2,038.00	\$2,038.00
114609	Submersible Pump - 2" Electric (DY)	DY	\$0.00	\$0.00	\$77.00	\$77.00
114610	Submersible Pump - 2" Electric (WK)	WK	\$0.00	\$0.00	\$209.00	\$209.00
114611	Submersible Pump - 2" Electric (MO)	MO	\$0.00	\$0.00	\$623.00	\$623.00
114612	Submersible Pump - 3" Electric (DY)	DY	\$0.00	\$0.00	\$145.00	\$145.00
114613	Submersible Pump - 3" Electric (WK)	WK	\$0.00	\$0.00	\$380.01	\$380.01
114614	Submersible Pump - 3" Electric (MO)	MO	\$0.00	\$0.00	\$1,008.00	\$1,008.00
114615	Submersible Pump - 4" Electric (DY)	DY	\$0.00	\$0.00	\$228.00	\$228.00
114616	Submersible Pump - 4" Electric (WK)	WK	\$0.00	\$0.00	\$625.00	\$625.00
114617	Submersible Pump - 4" Electric (MO)	MO	\$0.00	\$0.00	\$1,814.00	\$1,814.00
114618	Hydrovac Excavator (DY) Trailerred Pump with 800 Gal capacity tank to remove water and/or soils within a confined area.	DY	\$0.00	\$0.00	\$900.00	\$900.00
114619	Hydrovac Excavator (WK) Trailerred Pump with 800 Gal capacity tank to remove water and/or soils within a confined area.	WK	\$0.00	\$0.00	\$2,500.00	\$2,500.00

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		Units	Labor	Material	Equipment	Total
114620	Hydrovac Excavator (MO) Trailer Pump with 800 Gal capacity tank to remove water and/or soils within a confined area.	MO	\$0.00	\$0.00	\$7,000.00	\$7,000.00
114621	Hydrovac Excavator (HR) - Operated Self contained truck unit with 11-13 CY capacity tank to remove water and/or soils within a confined area in San Mateo County. Includes 1 operator.	HR	\$82.43	\$0.00	\$275.22	\$357.65
114622	Hydrovac Excavator (HR) - Operated Self contained truck unit with 11-13 CY capacity tank to remove water and/or soils within a confined area in Schoharie County. Includes 1 operator.	HR	\$82.43	\$0.00	\$234.99	\$317.42
31-23-23 Fill						
<i>Includes all required fuel, hauling/trucking up to 30 miles, compaction unless noted otherwise</i>						
114623	Backfill with Excavated Materials – Building Foundations By power equipment.	CY	\$8.21	\$0.77	\$5.04	\$14.02
114624	Backfill with Crushed Stone – Building Foundations By power equipment.	CY	\$6.31	\$37.45	\$3.36	\$47.12
114625	Backfill with Sand – Building Foundations By power equipment.	CY	\$6.31	\$32.51	\$3.36	\$42.18
114626	Backfill with Pea Gravel – Building Foundations By power equipment.	CY	\$6.31	\$41.69	\$3.36	\$51.36
114627	Backfill with Base Rock – Building Foundations Item includes all miscellaneous types of compactable aggregate materials including different sizes as required by the specifications	CY	\$6.31	\$22.47	\$3.36	\$32.14
114628	Backfill with Excavated Materials – Site Bulk or Trench By power equipment.	CY	\$8.21	\$0.77	\$5.04	\$14.02
114629	Trench Bedding Zone for Utilities With Native Material - Trenches 5' Deep or less For Nominal trench Depths Less than 5'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$7.92	\$0.00	\$1.04	\$8.96

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		Units	Labor	Material	Equipment	Total
114630	Trench Bedding Zone for Utilities With Native Material - Trenches 5'-14' Deep For Nominal Trench Depths 5'-14'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$13.73	\$0.00	\$1.20	\$14.93
114631	Trench Bedding Zone for Utilities With Native Material - Trenches 14'-21' Deep For Nominal Trench Depths 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$21.14	\$0.00	\$1.20	\$22.34
114632	Trench Bedding Zone for Utilities With Sand - Trenches 5' Deep or less For Nominal trench Depths Less than 5'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$7.92	\$32.51	\$1.04	\$41.47
114633	Trench Bedding Zone for Utilities With Sand - Trenches 5'-14' Deep For Nominal Trench Depths 5'-14'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$13.73	\$32.51	\$1.20	\$47.44
114634	Trench Bedding Zone for Utilities With Sand - Trenches 14'-21' Deep For Nominal Trench Depths 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$21.14	\$32.51	\$1.20	\$54.85

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		Units	Labor	Material	Equipment	Total
114635	Trench Bedding Zone for Utilities With Pea Gravel - Trenches 5' Deep or less For Nominal trench Depths Less than 5'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$7.92	\$41.69	\$1.04	\$50.65
114636	Trench Bedding Zone for Utilities With Pea Gravel - Trenches 5'-14' Deep For Nominal Trench Depths 5'-14'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$13.73	\$41.69	\$1.20	\$56.62
114637	Trench Bedding Zone for Utilities With Pea Gravel - Trenches 14'-21' Deep For Nominal Trench Depths 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$21.14	\$41.69	\$1.20	\$64.03
114638	Trench Bedding Zone for Utilities With Crushed Stone - Trenches 5' Deep or less For Nominal trench Depths Less than 5'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$7.92	\$37.45	\$1.04	\$46.41
114639	Trench Bedding Zone for Utilities With Crushed Stone - Trenches 5'-14' Deep For Nominal Trench Depths 5'-14'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$13.73	\$37.45	\$1.20	\$52.38

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		Units	Labor	Material	Equipment	Total
114640	Trench Bedding Zone for Utilities With Crushed Stone - Trenches 14'-21' Deep For Nominal Trench Depths 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$21.14	\$37.45	\$1.20	\$59.79
114641	Trench Bedding Zone for Utilities With Base Rock - Trenches 5' Deep or less For Nominal trench Depths Less than 5'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$7.92	\$22.47	\$1.04	\$31.43
114642	Trench Bedding Zone for Utilities With Base Rock - Trenches 5'-14' Deep For Nominal Trench Depths 5'-14'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$13.73	\$22.47	\$1.20	\$37.40
114643	Trench Bedding Zone for Utilities With Base Rock - Trenches Trenches 14'-21' Deep For Nominal Trench Depths 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Loader, Laborers with shovels and Pogo Sticks, Jumping Jacks, whackers, or Vibraplate(s) to fully encompass and compact around pipe exterior without voids.	CY	\$21.14	\$22.47	\$1.20	\$44.81
114644	Trench Backfill for Utilities With Native Material - By Loader Includes Mechanical Compaction in lifts per specifications. Using Loader or Backhoe with Whacker(s) or Vibraplate(s).	CY	\$3.96	\$0.00	\$0.52	\$4.48

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		Units	Labor	Material	Equipment	Total
114645	Trench Backfill for Utilities With Native Material - By Excavator For nominal trench depths of 10'-14'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be mini or medium)	CY	\$7.38	\$0.00	\$1.87	\$9.25
114646	Trench Backfill for Utilities With Native Material - By Large Excavator For nominal trench depths of 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be 50Ton or larger)	CY	\$11.21	\$0.00	\$2.43	\$13.64
114647	Trench Backfill for Utilities With Sand - By Loader Includes Mechanical Compaction in lifts per specifications. Using Loader or Backhoe with Whacker(s) or Vibraplate(s).	CY	\$3.96	\$32.51	\$0.52	\$36.99
114648	Trench Backfill for Utilities With Sand - By Excavator For nominal trench depths of 10'-14'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be mini or medium)	CY	\$7.38	\$32.51	\$1.87	\$41.76
114649	Trench Backfill for Utilities With Sand - By Large Excavator For nominal trench depths of 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be 50Ton or larger)	CY	\$11.21	\$32.51	\$2.43	\$46.15
114650	Trench Backfill for Utilities With Pea Gravel - By Loader Includes Mechanical Compaction in lifts per specifications. Using Loader or Backhoe with Whacker(s) or Vibraplate(s).	CY	\$3.96	\$41.69	\$0.52	\$46.17
114651	Trench Backfill for Utilities With Pea Gravel - By Excavator For nominal trench depths of 10'-14'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be mini or medium)	CY	\$7.38	\$41.69	\$1.87	\$50.94

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		Units	Labor	Material	Equipment	Total
114652	Trench Backfill for Utilities With Pea Gravel - By Large Excavator For nominal trench depths of 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be 50Ton or larger)	CY	\$11.21	\$41.69	\$2.43	\$55.33
114653	Trench Backfill for Utilities With Crushed Stone - By Loader Includes Mechanical Compaction in lifts per specifications. Using Loader or Backhoe with Whacker(s) or Vibraplate(s).	CY	\$3.96	\$37.45	\$0.52	\$41.93
114654	Trench Backfill for Utilities With Crushed Stone - By Excavator For nominal trench depths of 10'-14'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be mini or medium)	CY	\$7.38	\$37.45	\$1.87	\$46.70
114655	Trench Backfill for Utilities With Crushed Stone - By Large Excavator For nominal trench depths of 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be 50Ton or larger)	CY	\$11.21	\$37.45	\$2.43	\$51.09
114656	Trench Backfill for Utilities With Base Rock - By Loader Includes Mechanical Compaction in lifts per specifications. Using Loader or Backhoe with Whacker(s) or Vibraplate(s).	CY	\$3.96	\$22.47	\$0.52	\$26.95
114657	Trench Backfill for Utilities With Base Rock - By Excavator For nominal trench depths of 10'-14'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be mini or medium)	CY	\$7.38	\$22.47	\$1.87	\$31.72
114658	Trench Backfill for Utilities With Base Rock - By Large Excavator For nominal trench depths of 14'-21'. Includes Mechanical Compaction in lifts per specifications. Using Excavator with Plate Compactor Attachment. (Excavator size to be 50Ton or larger)	CY	\$11.21	\$22.47	\$2.43	\$36.11
114659	Hand Backfill with Excavated Materials – Interior	CY	\$53.07	\$0.00	\$0.00	\$53.07

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		Units	Labor	Material	Equipment	Total
114660	Hand Backfill with Crushed Stone – Interior	CY	\$53.07	\$37.45	\$0.00	\$90.52
114661	Hand Backfill with Sand – Interior	CY	\$53.07	\$32.51	\$0.00	\$85.58
114662	Hand Backfill with Pea Gravel – Interior	CY	\$53.07	\$41.69	\$0.00	\$94.76
114663	Hand Backfill with Base Rock – Interior Item includes all miscellaneous types of compactable aggregate materials including different sizes as required by the specifications by hand	CY	\$53.07	\$22.47	\$0.00	\$75.54
114664	Hand Backfill with Excavated Materials – Exterior	CY	\$45.11	\$0.00	\$0.00	\$45.11
114665	Hand Backfill with Crushed Stone – Exterior	CY	\$45.11	\$37.45	\$0.00	\$82.56
114666	Hand Backfill with Sand – Exterior	CY	\$45.11	\$32.51	\$0.00	\$77.62
114667	Hand Backfill with Pea Gravel – Exterior	CY	\$45.11	\$41.69	\$0.00	\$86.80
114668	Hand Backfill with Base Rock – Exterior Item includes all miscellaneous types of compactable aggregate materials including different sizes as required by the specifications by hand	CY	\$45.11	\$22.47	\$0.00	\$67.58
114669	Flowable Fill (40 To 90 PSI) One sack slurry or equal	CY	\$6.31	\$47.70	\$3.36	\$57.37
114670	Flowable Fill (100 To 200 PSI) Two sack slurry or equal	CY	\$6.31	\$53.00	\$3.36	\$62.67
114671	Geofoam – Up To 0.9 Lb/Cuft	CY	\$21.06	\$85.22	\$0.00	\$106.28
114672	Geofoam – Up To 1.8 Lb/Cuft	CY	\$21.06	\$170.45	\$0.00	\$191.51
114673	[Modifier] Quantity Premium - Fill (31-50 CY) Quantity premium can be used when total cubic yardage in section 31-23-23 Fill are within stated quantities. Can be applied cumulatively to base line items.	CY	\$12.63	\$0.00	\$0.00	\$12.63
114674	[Modifier] Quantity Premium - Fill (11-30 CY) Quantity premium can be used when total cubic yardage in section 31-23-23 Fill are within stated quantities. Can be applied cumulatively to base line items.	CY	\$21.06	\$0.00	\$0.00	\$21.06
114675	[Modifier] Quantity Premium - Fill (< or = to 10 CY) Quantity premium can be used when total cubic yardage in section 31-23-23 Fill are within stated quantities. Can be applied cumulatively to base line items.	CY	\$63.16	\$0.00	\$0.00	\$63.16

31-25-00 Erosion and Sedimentation Controls

31-25-00 Erosion and Sedimentation Controls

114676	Silt Fence Includes removal	LF	\$2.25	\$1.85	\$0.00	\$4.10
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		Units	Labor	Material	Equipment	Total
114677	Super Silt Fence Includes removal	LF	\$3.47	\$4.45	\$0.00	\$7.92
114678	Tree and Plant Protection / Safety Fence Up To 4' Tall Wooden post and rails with plastic barrier fencing. Includes removal	LF	\$6.44	\$8.48	\$0.00	\$14.92
114679	Tree and Plant Protection / Safety Fence Up To 6' Tall Wooden post and rails with plastic barrier fencing. Includes removal	LF	\$6.95	\$9.54	\$0.00	\$16.49
114680	Tree and Plant Protection / Safety Fence Up To 8' Tall Wooden post and rails with plastic barrier fencing. Includes removal	LF	\$7.52	\$10.61	\$0.00	\$18.13
114681	Hydraulic Mulch Hydraulic matrix and binder	SY	\$0.25	\$0.11	\$0.10	\$0.46
114682	Hydroseeding Includes Seed, fertilizer, wood fiber, and binder	SY	\$0.23	\$0.20	\$0.10	\$0.53
114683	Soil Binder – Short Lived Powder	SY	\$0.13	\$0.05	\$0.05	\$0.23
114684	Soil Binder – Long Lived Liquid	SY	\$0.13	\$0.11	\$0.10	\$0.34
114685	Soil Binder – Polymeric Emulsion Blends Powder / Liquid	SY	\$0.13	\$0.16	\$0.15	\$0.44
114686	Straw Mulch Applied by Broadcasting	SY	\$0.25	\$0.11	\$0.10	\$0.46
114687	Erosion Control Blanket / Mats – Stabilization Biodegradable fiber rolls	SY	\$0.56	\$1.54	\$0.00	\$2.10
114688	Plastic Cover – Stabilization Plastic sheeting up to 8 mil with taped seams and sandbag weighting. Includes removal	SY	\$0.56	\$1.06	\$0.00	\$1.62
114689	Mulch (Hand Spread) Hand Spread 2-4 inches deep or as required by project specifications	CY	\$30.07	\$15.90	\$0.00	\$45.97
114690	Mulch (Pneumatic Spread) By Material Blower	CY	\$15.04	\$15.90	\$2.00	\$32.94
114691	Earth Dike / Drainage Swale	SF	\$0.36	\$0.05	\$0.05	\$0.46
114692	Lined Ditch Includes removal	SF	\$0.51	\$0.34	\$0.05	\$0.90
114693	Sediment / Desilting Basin Includes required grading, riser, gravel, barrel, and outlet protection	SF	\$1.01	\$0.51	\$0.10	\$1.62
114694	Sediment Trap Includes required grading and gravel	SF	\$0.51	\$0.34	\$0.05	\$0.90
114695	Sand / Gravel Bag Check Dam – Per Bag 50 LB bags, includes removal	EA	\$4.51	\$0.43	\$0.00	\$4.94
114696	Sand / Gravel Bag Berm/Barrier – Per Bag 50 LB bags, includes removal	EA	\$4.51	\$0.43	\$0.00	\$4.94
114697	Straw Bale Barrier Includes removal	LF	\$3.22	\$1.33	\$0.00	\$4.55

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		Units	Labor	Material	Equipment	Total
114698	Wind Erosion Control – Per Water Application	SY	\$0.05	\$0.01	\$0.01	\$0.07
114699	Fiber Roll Wattle / Filter Sock Includes staking and removal	LF	\$1.81	\$5.30	\$0.00	\$7.11
114700	Inlet Protection Includes removal	EA	\$120.99	\$127.20	\$0.00	\$248.19
114701	Trench Drain Inlet Filter Includes removal	LF	\$1.64	\$4.45	\$0.00	\$6.09
114702	Stabilized Construction Entrance Up to 12" crushed stone and filter fabric, and removal	SF	\$4.11	\$2.67	\$0.36	\$7.14
114703	Stabilized Construction Roadway Up to 12" crushed stone and filter fabric, and removal	SF	\$4.11	\$2.67	\$0.36	\$7.14
114704	Construction Rumble / Shaker Plate Includes removal	SF	\$1.26	\$2.65	\$0.00	\$3.91
114705	Tire Wash Station Includes drainage panel, crushed stone, filter fabric, and removal	EA	\$285.36	\$159.01	\$50.00	\$494.37

31-30-00 Earthwork Methods

31-37-00 Riprap

Includes trucking up to 15 miles, all necessary labor and equipment for a complete installation

31-37-00 Riprap

Includes trucking up to 15 miles, all necessary labor and equipment for a complete installation

114706	Rip-Rap - Up To 9" Diameter / Up To 60 LB Stones	TN	\$6.31	\$30.21	\$3.36	\$39.88
114707	Rip-Rap - 10" Up To 15" Diameter / 150 To 300 LB Stones	TN	\$6.31	\$42.93	\$3.36	\$52.60
114708	Rip-Rap - 18" Diameter and Up / 1/4 Ton or Greater Stones	TN	\$6.31	\$47.70	\$3.36	\$57.37

31-40-00 Shoring and Underpinning

31-41-00 Shoring

31-41-00 Shoring

114709	Sheet Shoring – Steel Includes removal	SF	\$34.94	\$11.65	\$2.00	\$48.59
114710	Wood (Timber) Lagging - Up To 1,000 SF	SF	\$32.83	\$18.11	\$7.26	\$58.20
114711	Wood (Timber) Lagging - Over 1,000 SF	SF	\$27.36	\$18.11	\$7.26	\$52.73

31-41-33 Trench Shielding

114712	Trench Box / Shield – Up To 8' Deep - 16' Long	DY	\$164.86	\$0.00	\$270.25	\$435.11
114713	Trench Box / Shield – Up To 8' Deep - 16' Long	WK	\$824.32	\$0.00	\$741.75	\$1,566.07
114714	Trench Box / Shield – Up To 10' Deep - 16' Long	DY	\$189.59	\$0.00	\$385.25	\$574.84
114715	Trench Box / Shield – Up To 10' Deep - 16' Long	WK	\$947.97	\$0.00	\$1,029.25	\$1,977.22
114716	Trench Shoring Jack – Up To 8' Deep Up to four jacks	DY	\$137.63	\$0.00	\$59.50	\$197.13
114717	Trench Shoring Jack – Up To 8' Deep Up to four jacks	WK	\$693.69	\$0.00	\$196.01	\$889.70
114718	Trench Shoring Jack – Up To 16' Deep Up to eight jacks	DY	\$183.52	\$0.00	\$105.00	\$288.52

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		Units	Labor	Material	Equipment	Total
114719	Trench Shoring Jack – Up To 16' Deep Up to eight jacks	WK	\$924.91	\$0.00	\$378.00	\$1,302.91
31-48-00 Underpinning						
31-48-00 Underpinning						
114720	Underpinning Groundwork and reinforcement to strengthen foundation or structure	CY	\$879.28	\$159.01	\$0.00	\$1,038.29
31-60-00 Special Foundations and Load-Bearing Elements						
31-62-00 Driven Piles						
31-62-13 Concrete Piles						
114721	Precast Piles Up To 12" Square	LF	\$12.20	\$33.50	\$0.00	\$45.70
31-62-16 Steel Piles						
114722	Steel H Piles - Up To HP 12 x 84 Includes material, fabrication, and delivery to the project site	TN	\$0.00	\$2,354.25	\$1,656.00	\$4,010.25
114723	Steel H Piles - HP 14 x 73 Up To HP 14 x 117 Includes material, fabrication, and delivery to the project site	TN	\$0.00	\$2,461.32	\$1,656.00	\$4,117.32
114724	Steel H Piles - HP 16 x 88 Up To HP 16 x 162 Includes material, fabrication, and delivery to the project site	TN	\$0.00	\$2,461.32	\$1,656.00	\$4,117.32
114725	Steel H Piles - HP 16 x 183 Up To HP 18 x 204 Includes material, fabrication, and delivery to the project site	TN	\$0.00	\$2,708.30	\$1,656.00	\$4,364.30
114726	Drill and Set Soldier Beams Includes mobilization/de-mobilization, and all labor and equipment required for installation	TN	\$808.50	\$0.00	\$0.00	\$808.50
114727	Steel Concrete Filled Pipe Piles Up to 13.625" Diameter Pipe x .625" wall, Concrete Filled, Uncased	LF	\$17.74	\$43.52	\$0.00	\$61.26
31-63-00 Bored Piles						
31-63-33 Drilled Micropiles						
114728	Micro Piles 12"Ø or less borehole with grouted pile with internal reinforcement	LF	\$12.20	\$37.74	\$0.00	\$49.94
31-64-00 Caissons						
31-64-00 Caissons						
114729	Concrete To Soldier Beam Holes	CY	\$153.88	\$189.53	\$0.00	\$343.41
114730	Drill Caissons and Dispose Of Spoils	LF	\$32.49	\$7.35	\$0.00	\$39.84
114731	Reinforced Cages for Caissons	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
114732	Reinforced Cages for Belled Caisson	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
114733	Concrete Placed in Caissons	CY	\$153.88	\$189.53	\$0.00	\$343.41
114734	Concrete Placed in Belled Caisson	CY	\$153.88	\$189.53	\$0.00	\$343.41

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		Units	Labor	Material	Equipment	Total
114735	[Modifier] For Cased Caisson Includes concrete/slurry mix and pumping	LF	\$203.08	\$186.14	\$72.00	\$461.22

31-66-00 Special Foundations

31-66-15 Helical Foundation Piles

114736	Helical Piles – 7" Diameter	LF	\$15.81	\$31.07	\$0.00	\$46.88
114737	Rammed Aggregate Pier – 30" Diameter	LF	\$51.04	\$14.13	\$0.00	\$65.17

31-70-00 Tunneling and Mining

31-74-00 Tunnel Construction

31-74-00 Tunnel Construction

114738	Precast Utility Tunnel 6' X 6' Excludes Excavation	LF	\$149.99	\$397.50	\$0.00	\$547.49
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32-00-00 Exterior Improvements

Includes all required fuel, delivery, hauling/trucking, surface preparation, and dumping fees unless noted otherwise

32-00-00 Exterior Improvements

Includes all required fuel, delivery, hauling/trucking, surface preparation, and dumping fees unless noted otherwise

32-01-00 Operation and Maintenance of Exterior Improvements

32-01-17 Flexible Paving Repair

114739	Geosynthetic Overlay (Stress-Absorbing Interlayer) Includes tack coat, geosynthetic overlay, all labor and equipment for a complete installation. (Petromat 4597 or equal)	SY	\$2.31	\$1.84	\$1.08	\$5.23
114740	Asphaltic Crack Sealer - for minor and shallow cracks For minor width and shallow cracks without major equipment. Includes cleaning prep.	LF	\$0.52	\$1.02	\$0.00	\$1.54
114741	Asphaltic Crack Filler/Sealer - Block and Reflective type cracks (both transverse and longitudinal) Includes cleaning prep with Hot Air Lance, Hot Sealant placed with Applicator Wand attached to heated trailer and vee shaped squeegee	LF	\$1.71	\$1.88	\$1.47	\$5.06

32-05-00 Common Work Results for Exterior Improvements

32-05-19 Geosynthetics for Exterior Improvements

114742	Geotextile Fabric Stabilization	SF	\$0.43	\$0.34	\$0.00	\$0.77
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32-10-00 Bases, Ballasts, and Paving

32-11-00 Base Courses

32-11-13 Subgrade Modifications

114743	Geotextile Fabric – Stabilization Woven polypropylene or equal. Includes removal	SY	\$0.56	\$1.43	\$0.00	\$1.99
114744	Pulverize in Place Existing 2.5"-6" Asphalt Roadway 2,500-7,500 SF Includes reshaping, rolling, and specified compaction within same roadway footprint	SF	\$0.71	\$0.00	\$2.23	\$2.94

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		Units	Labor	Material	Equipment	Total
114745	Pulverize in Place Existing 2.5"-6" Asphalt Roadway 7,500-12,500 SF Includes reshaping, rolling, and specified compaction within same roadway footprint	SF	\$0.24	\$0.00	\$0.77	\$1.01
114746	Pulverize in Place Existing 2.5"-6" Asphalt Roadway 12,501-25,000 SF Includes reshaping, rolling, and specified compaction within same roadway footprint	SF	\$0.16	\$0.00	\$0.52	\$0.68
114747	Pulverize in Place Existing 2.5"-6" Asphalt Roadway 25,001-50,000 SF Includes reshaping, rolling, and specified compaction within same roadway footprint	SF	\$0.14	\$0.00	\$0.45	\$0.59
114748	Pulverize in Place Existing 2.5"-6" Asphalt Roadway 50,001-75,000 SF Includes reshaping, rolling, and specified compaction within same roadway footprint	SF	\$0.10	\$0.00	\$0.34	\$0.44
114749	Pulverize in Place Existing 2.5"-6" Asphalt Roadway > 75,001 SF Includes reshaping, rolling, and specified compaction within same roadway footprint	SF	\$0.09	\$0.00	\$0.31	\$0.40
114750	[Modifier] Pulverizing Thickness Premium (6.5"-9") May only be used in addition to, and included with, Pulverizing Asphalt Roadway items	SF	\$0.02	\$0.00	\$0.09	\$0.11
114751	Mobilization of Pulverizing Equipment Item used only for Mobilizing Pulverizing Machine	LS	\$161.82	\$0.00	\$510.00	\$671.82
32-11-23 Aggregate Base Courses						
114752	[Modifier] Additional Compaction - Stone Base Rock Course Item can be used when compaction of the existing sub-base is required after pavement is removed in accordance with the specification requirements	SF	\$0.66	\$0.24	\$0.08	\$0.98
32-12-00 Flexible Paving						
32-12-13 Preparatory Coats						
114753	Prime Coat Rock for Asphalt Placement <1000 Gal Application may be placed by power machine sprayer or by hand provided application rate is per specifications.	GAL	\$1.13	\$3.54	\$3.34	\$8.01

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		Units	Labor	Material	Equipment	Total
114754	Prime Coat Rock for Asphalt Placement 1000-7500 Gal Application may be placed by power machine sprayer or by hand provided application rate is per specifications.	GAL	\$0.89	\$2.79	\$2.63	\$6.31
114755	Prime Coat Rock for Asphalt Placement >7500 Gal Application may be placed by power machine sprayer or by hand provided application rate is per specifications.	GAL	\$0.66	\$2.05	\$1.93	\$4.64
114756	Tack Coat Placement on Asphalt surface Application placed by power machine sprayer at application rate per specifications. May be used only on top of existing pavement or between lifts if specified.	SF	\$0.01	\$0.02	\$0.05	\$0.08
114757	Tack Coat (NTT/CNTT) Placement on Asphalt surface Application placed by power machine sprayer at application rate per specifications. May be used only on top of existing pavement or between lifts if specified. (NTT/CNTT) = Non Tracking	GAL	\$0.77	\$1.46	\$2.07	\$4.30
32-12-16 Asphalt Paving						
114758	Mill and Resurface Asphalt - 1" (< or = to 10,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.75	\$1.29	\$0.34	\$2.38
114759	Mill and Resurface Asphalt - 1" (10,001-25,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.66	\$1.13	\$0.31	\$2.10
114760	Mill and Resurface Asphalt - 1" (25,001-50,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.58	\$1.00	\$0.26	\$1.84
114761	Mill and Resurface Asphalt - 1" (over 50,001 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.51	\$0.87	\$0.24	\$1.62

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		Units	Labor	Material	Equipment	Total
114762	Mill and Resurface Asphalt - 2" (< or = to 10,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.99	\$1.72	\$0.47	\$3.18
114763	Mill and Resurface Asphalt - 2" (10,001-25,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.86	\$1.51	\$0.41	\$2.78
114764	Mill and Resurface Asphalt - 2" (25,001-50,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.77	\$1.33	\$0.36	\$2.46
114765	Mill and Resurface Asphalt - 2" (over 50,001 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$0.68	\$1.17	\$0.32	\$2.17
114766	Mill and Resurface Asphalt - 3" (< or = to 10,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$1.62	\$2.80	\$0.77	\$5.19
114767	Mill and Resurface Asphalt - 3" (10,001-25,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$1.43	\$2.47	\$0.68	\$4.58
114768	Mill and Resurface Asphalt - 3" (25,001-50,000 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$1.24	\$2.16	\$0.59	\$3.99
114769	Mill and Resurface Asphalt - 3" (over 50,001 SF) Includes pre cleaning, milling, sweeping, tack coat, asphalt, compaction, crack filling and finishing for a complete system	SF	\$1.09	\$1.90	\$0.52	\$3.51
114770	Full Depth Mill and Resurface Asphalt - 4" (< or = to 10,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$3.24	\$1.39	\$0.46	\$5.09
114771	Full Depth Mill and Resurface Asphalt - 4" (10,001-25,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$2.92	\$1.34	\$0.46	\$4.72

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		Units	Labor	Material	Equipment	Total
114772	Full Depth Mill and Resurface Asphalt - 4" (25,001-50,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$2.62	\$1.28	\$0.46	\$4.36
114773	Full Depth Mill and Resurface Asphalt - 4" (over 50,001 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$2.36	\$1.23	\$0.46	\$4.05
114774	Full Depth Mill and Resurface Asphalt - 5" (< or = to 10,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$4.04	\$1.73	\$0.58	\$6.35
114775	Full Depth Mill and Resurface Asphalt - 5" (10,001-25,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$3.63	\$1.66	\$0.58	\$5.87
114776	Full Depth Mill and Resurface Asphalt - 5" (25,001-50,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$3.28	\$1.58	\$0.58	\$5.44
114777	Full Depth Mill and Resurface Asphalt - 5" (over 50,001 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$2.94	\$1.52	\$0.58	\$5.04
114778	Full Depth Mill and Resurface Asphalt - 6" (< or = to 10,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$4.84	\$2.07	\$0.68	\$7.59
114779	Full Depth Mill and Resurface Asphalt - 6" (10,001-25,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$4.35	\$1.99	\$0.68	\$7.02
114780	Full Depth Mill and Resurface Asphalt - 6" (25,001-50,000 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$3.91	\$1.90	\$0.68	\$6.49
114781	Full Depth Mill and Resurface Asphalt - 6" (over 50,001 SF) Includes pre cleaning, milling, tack coat, asphalt binder and top course, asphalt compaction, and finishing for a complete system	SF	\$3.53	\$1.83	\$0.68	\$6.04

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		Units	Labor	Material	Equipment	Total
114782	[Modifier] Quantity Premium - Asphalt Paving (101-500 SF) Quantity premium can be used when total square footage in section 32-12-16 Asphalt Paving are within stated quantities. Can be applied cumulatively to base line items.	SF	\$1.81	\$0.00	\$0.00	\$1.81
114783	[Modifier] Quantity Premium - Asphalt Paving (51-100 SF) Quantity premium can be used when total square footage in section 32-12-16 Asphalt Paving are within stated quantities. Can be applied cumulatively to base line items.	SF	\$4.51	\$0.00	\$0.00	\$4.51
114784	[Modifier] Quantity Premium - Asphalt Paving (< or = to 50 SF) Quantity premium can be used when total square footage in section 32-12-16 Asphalt Paving are within stated quantities. Can be applied cumulatively to base line items.	SF	\$9.03	\$0.00	\$0.00	\$9.03
114785	Top Course Up To 1" Includes Tack Coat	SF	\$0.08	\$0.57	\$0.10	\$0.75
114786	Top Course Up To 1 1/2" Includes Tack Coat	SF	\$0.12	\$0.77	\$0.14	\$1.03
114787	Binder Course Up To 2" Includes Tack Coat	SF	\$0.13	\$1.01	\$0.18	\$1.32
114788	Binder Course Up To 3" Includes Tack Coat	SF	\$0.15	\$1.52	\$0.28	\$1.95
114789	Binder Course Up To 4" Includes Tack Coat	SF	\$0.18	\$2.29	\$0.41	\$2.88
114790	Asphalt Concrete Patch Paving Hot Mix Asphalt (HMA) - Placed by Hand Includes Asphalt delivered and placed with labor and vibrating plate or whacker and other hand equipment. To be used for small or tight areas where paving machine, loader, and rollers cannot be used.	TON	\$98.92	\$135.27	\$21.90	\$256.09
114791	Pervious (Permeable) Asphalt Paving	CY	\$133.92	\$190.64	\$8.00	\$332.56
114792	[Modifier] Quantity Premium - Asphalt Paving (31-50 CY) Quantity premium can be used when total cubic yardage in section 32-12-16 Asphalt Paving are within stated quantities. Can be applied cumulatively to base line items.	CY	\$12.63	\$0.00	\$0.00	\$12.63

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		Units	Labor	Material	Equipment	Total
114793	[Modifier] Quantity Premium - Asphalt Paving (11-30 CY) Quantity premium can be used when total cubic yardage in section 32-12-16 Asphalt Paving are within stated quantities. Can be applied cumulatively to base line items.	CY	\$21.06	\$0.00	\$0.00	\$21.06
114794	[Modifier] Quantity Premium - Asphalt Paving (< or = to 10 CY) Quantity premium can be used when total cubic yardage in section 32-12-16 Asphalt Paving are within stated quantities. Can be applied cumulatively to base line items.	CY	\$63.16	\$0.00	\$0.00	\$63.16
114795	SuperPave Asphalt 9.5mm Wearing Course (< or = to 150 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$119.16	\$113.77	\$95.58	\$328.51
114796	SuperPave Asphalt 9.5mm Wearing Course (151 to 600 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$37.82	\$113.77	\$30.34	\$181.93
114797	SuperPave Asphalt 9.5mm Wearing Course (601 to 1400 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$27.89	\$113.77	\$22.37	\$164.03
114798	SuperPave Asphalt 9.5mm Wearing Course (1401 to 2350 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$18.79	\$113.77	\$15.06	\$147.62
114799	SuperPave Asphalt 9.5mm Wearing Course (2351 to 2800 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$15.86	\$113.77	\$12.72	\$142.35

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		Units	Labor	Material	Equipment	Total
114800	SuperPave Asphalt 9.5mm Wearing Course (= or > 2801 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$6.83	\$113.77	\$5.47	\$126.07
114801	SuperPave Asphalt 12mm Wearing Course (< or = to 150 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$148.81	\$107.70	\$119.32	\$375.83
114802	SuperPave Asphalt 12mm Wearing Course (151 to 600 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Top Course	TON	\$110.64	\$107.70	\$88.75	\$307.09
114803	SuperPave Asphalt 19mm Binder Course (< or = to 150 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Base Course	TON	\$85.50	\$101.62	\$68.59	\$255.71
114804	SuperPave Asphalt 19mm Binder Course (151 to 600 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Base Course	TON	\$40.78	\$101.62	\$32.71	\$175.11
114805	SuperPave Asphalt 19mm Binder Course (601 to 1400 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Wearing Course or Base Course	TON	\$25.81	\$101.62	\$20.70	\$148.13
114806	SuperPave Asphalt 25mm Base Course (< or = to 150 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Base, Leveling or Binder Course	TON	\$98.72	\$97.58	\$79.18	\$275.48
114807	SuperPave Asphalt 25mm Base Course (151 to 600 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Base, Leveling or Binder Course	TON	\$38.81	\$97.58	\$31.13	\$167.52

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		Units	Labor	Material	Equipment	Total
114808	SuperPave Asphalt 25mm Base Course (601 to 1400 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Base, Leveling or Binder Course	TON	\$24.01	\$97.58	\$19.25	\$140.84
114809	SuperPave Asphalt 37.5mm Base Course (< or = to 150 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Base, Leveling or Binder Course	TON	\$101.21	\$94.39	\$81.18	\$276.78
114810	SuperPave Asphalt 37.5mm Base Course (151 to 600 Ton) Includes Asphalt delivered and placed with all associated materials labor and equipment. For either Base, Leveling or Binder Course	TON	\$63.33	\$94.39	\$50.80	\$208.52
114811	[Modifier] Additional Compaction - Asphalt Binder or Surface Course Item can be used when compaction of the existing binder and/or surface course is required accordance with the specification requirements	SF	\$0.66	\$0.24	\$0.08	\$0.98
114812	Redwood Header With Stakes	LF	\$1.17	\$0.65	\$0.00	\$1.82
32-12-36	Seal Coats					
114813	Slurry Seal Type 1 (< or = to 1,000 SY) Includes pre-cleaning, sweeping, slurry seal coat, and finishing for a complete system.	SY	\$2.20	\$1.22	\$0.34	\$3.76
114814	Slurry Seal Type 1 (1,001 -5,000 SY) Includes pre-cleaning, sweeping, slurry seal coat, and finishing for a complete system.	SY	\$1.94	\$1.07	\$0.30	\$3.31
114815	Slurry Seal Type 1 (5,001 -25,000 SY) Includes pre-cleaning, sweeping, slurry seal coat, and finishing for a complete system.	SY	\$1.68	\$0.94	\$0.26	\$2.88
114816	Slurry Seal Type 1 (25,001 -50,000 SY) Includes pre-cleaning, sweeping, slurry seal coat, and finishing for a complete system.	SY	\$1.60	\$0.88	\$0.25	\$2.73
114817	Slurry Seal Type 1 (over 50,001 SY) Includes pre-cleaning, sweeping, slurry seal coat, and finishing for a complete system.	SY	\$1.41	\$0.78	\$0.23	\$2.42

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		Units	Labor	Material	Equipment	Total
114818	[Modifier] For Type 2 Slurry Seal Can be applied cumulatively to increase base line price of Slurry Seal Type 1 to Type 2. Only applies to items chosen within 32-12-36.	SY	\$0.49	\$0.21	\$0.00	\$0.70
114819	Fog Seal (< or = to 1,000 SY) Includes pre cleaning, sweeping, fog coat and finishing for a complete system	SY	\$0.79	\$0.22	\$0.12	\$1.13
114820	Fog Seal (1,001 - 5,000 SY) Includes pre cleaning, sweeping, fog coat and finishing for a complete system	SY	\$0.75	\$0.21	\$0.10	\$1.06
114821	Fog Seal (5,001 - 25,000 SY) Includes pre cleaning, sweeping, fog coat and finishing for a complete system	SY	\$0.72	\$0.21	\$0.10	\$1.03
114822	Fog Seal (25,001 - 50,000 SY) Includes pre cleaning, sweeping, fog coat and finishing for a complete system	SY	\$0.69	\$0.21	\$0.09	\$0.99
114823	Fog Seal (over 50,001 SY) Includes pre cleaning, sweeping, fog coat and finishing for a complete system	SY	\$0.64	\$0.20	\$0.09	\$0.93
114824	Chip Seal 5/16" (< or = to 1,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.98	\$1.56	\$0.49	\$5.03
114825	Chip Seal 5/16" (1,001 -5,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.85	\$1.50	\$0.47	\$4.82
114826	Chip Seal 5/16" (5,001 -25,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.73	\$1.43	\$0.45	\$4.61
114827	Chip Seal 5/16" (25,001 -50,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.35	\$1.23	\$0.39	\$3.97
114828	Chip Seal 5/16" (over 50,001 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.09	\$1.10	\$0.34	\$3.53

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		Units	Labor	Material	Equipment	Total
114829	Chip Seal 3/8" (< or = to 1,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$3.10	\$1.63	\$0.58	\$5.31
114830	Chip Seal 3/8" (1,001 -5,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$3.01	\$1.58	\$0.56	\$5.15
114831	Chip Seal 3/8" (5,001 -25,000 SY). Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.91	\$1.52	\$0.54	\$4.97
114832	Chip Seal 3/8" (25,001 -50,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.47	\$1.29	\$0.46	\$4.22
114833	Chip Seal 3/8" (over 50,001 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.21	\$1.16	\$0.41	\$3.78
114834	Chip Seal 1/4" (< or = to 1,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.78	\$1.50	\$0.49	\$4.77
114835	Chip Seal 1/4" (1,001 -5,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.63	\$1.41	\$0.48	\$4.52
114836	Chip Seal 1/4" (5,001 -25,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.48	\$1.34	\$0.45	\$4.27
114837	Chip Seal 1/4" (25,001 -50,000 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$2.16	\$1.17	\$0.39	\$3.72
114838	Chip Seal 1/4" (over 50,001 SY) Includes pre-cleaning, sweeping, chip seal emulsion, compressed aggregate, and fog seal for a complete system	SY	\$1.93	\$1.04	\$0.34	\$3.31

32-13-00 Rigid Paving

32-13-13 Concrete Paving

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		Units	Labor	Material	Equipment	Total
<i>Cast-in-place concrete is based on 2,500 PSI normal weight air entrained concrete. Baseline pricing is for concrete quantities greater than or equal to seven cubic yards. Refer to Division Three for any Formwork, Curing, Finishing, and Reinforcing requirements</i>						
114839	Concrete To Sidewalk / Pad	CY	\$30.69	\$172.31	\$0.00	\$203.00
114840	Concrete To ADA Curb Ramps Includes flare and ramp	CY	\$414.74	\$172.31	\$0.00	\$587.05
114841	Concrete To Paving	CY	\$35.29	\$172.31	\$0.00	\$207.60
114842	Patch Existing Concrete Walk	SF	\$2.02	\$37.09	\$0.00	\$39.11
114843	Stained Concrete Finish (1 Color)-Shake On- Trowel In Includes follow up seal coat	SF	\$2.09	\$1.33	\$0.00	\$3.42
114844	Stained Concrete Finish (2 Color)-Shake On- Trowel In Includes follow up seal coat	SF	\$2.62	\$2.12	\$0.00	\$4.74
114845	Stamped Concrete Finish Includes follow up seal coat	SF	\$3.48	\$2.12	\$0.00	\$5.60
114846	Stamped Concrete Finish – Shake On Color Includes follow up seal coat	SF	\$4.19	\$3.18	\$0.00	\$7.37
114847	Truncated Dome Warning Strip – Surface Mounted	SF	\$13.09	\$21.20	\$0.00	\$34.29
114848	Truncated Dome Warning Strip – Recessed	SF	\$17.45	\$21.20	\$0.00	\$38.65
114849	Foam and Sealant Expansion Joint	LF	\$0.83	\$0.90	\$0.00	\$1.73
114850	Expansion Joint - Polyvinyl	LF	\$0.59	\$2.39	\$0.00	\$2.98
114851	[Modifier] 2,500 PSI to 3,000 PSI Concrete Paving/Sidewalk Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$3.71	\$0.00	\$3.71
114852	[Modifier] 2,500 PSI to 3,500 PSI Concrete Paving/Sidewalk Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$5.08	\$0.00	\$5.08
114853	[Modifier] 2,500 PSI to 4,000 PSI Concrete Paving/Sidewalk Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$8.90	\$0.00	\$8.90
114854	[Modifier] 2,500 PSI to 4,500 PSI Concrete Paving/Sidewalk Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$13.99	\$0.00	\$13.99
114855	[Modifier] 2,500 PSI to 5,000 PSI Concrete Paving/Sidewalk Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$19.08	\$0.00	\$19.08
114856	[Modifier] For Integral Color Concrete Can be applied cumulatively to base line items chosen within 32-13-13. Includes truck wash out	CY	\$0.00	\$12.73	\$0.00	\$12.73

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		Units	Labor	Material	Equipment	Total
114857	[Modifier] For Non Chloride Accelerator – Up to 1% Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$9.75	\$0.00	\$9.75
114858	[Modifier] For Non Chloride Accelerator – Up to 2% Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$19.50	\$0.00	\$19.50
114859	[Modifier] For Non Chloride Accelerator – Up to 3% Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$29.26	\$0.00	\$29.26
114860	[Modifier] For Retarder – Up to 2.5 OZ/CWT Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$6.70	\$0.00	\$6.70
114861	[Modifier] For Mid Range Water Reducer Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$6.10	\$0.00	\$6.10
114862	[Modifier] For High Range Water Reducer Can be applied cumulatively to base line items chosen within 32-13-13.	CY	\$0.00	\$9.75	\$0.00	\$9.75
114863	[Modifier] Cold Weather Curing Blankets To be used only in addition to items chosen within 32-13-13 R-Value up to 2.8. Includes installation and removal	SF	\$0.54	\$1.06	\$0.00	\$1.60
114864	[Modifier] Quantity Premium - Concrete Paving (4-6 CY) This line item can be used if the total cubic yardage of concrete falls within 4-6 cubic yards. It Can be applied cumulatively to applicable line items chosen within 32-13-13.	LS	\$433.42	\$1,060.01	\$0.00	\$1,493.43
114865	[Modifier] Quantity Premium - Concrete Paving (< Or = To 3 CY) This line item can be used if the total cubic yardage of concrete is less than or equal to 3 cubic yards. It Can be applied cumulatively to applicable line items chosen within 32-13-13.	LS	\$866.85	\$1,060.01	\$0.00	\$1,926.86

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		Units	Labor	Material	Equipment	Total
114866	[Modifier] Quantity Premium - Concrete Paving (101-500 SF) Quantity premium can be used when total square footage in section 32-13-13 Concrete Paving are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$1.81	\$0.00	\$0.00	\$1.81
114867	[Modifier] Quantity Premium - Concrete Paving (51-100 SF) Quantity premium can be used when total square footage in section 32-13-13 Concrete Paving are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$4.51	\$0.00	\$0.00	\$4.51
114868	[Modifier] Quantity Premium - Concrete Paving (< or = to 50 SF) Quantity premium can be used when total square footage in section 32-13-13 Concrete Paving are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$9.03	\$0.00	\$0.00	\$9.03

32-14-00 Unit Paving

32-14-00 Unit Paving

114869	Outdoor Grassroad Pavers – Or Equal	SF	\$4.51	\$7.35	\$0.00	\$11.86
114870	Outdoor Precast Pavers – Or Equal	SF	\$7.51	\$18.07	\$0.00	\$25.58
114871	Outdoor Brick Pavers – Or Equal	SF	\$7.51	\$16.82	\$0.00	\$24.33
114872	Outdoor Granite Pavers – Or Equal	SF	\$7.51	\$32.41	\$0.00	\$39.92
114873	Bluestone Paver – Or Equal	SF	\$7.51	\$39.84	\$0.00	\$47.35
114874	Limestone Paver (< 2' X 2' Paver) – Or Equal	SF	\$7.51	\$21.20	\$0.00	\$28.71
114875	Limestone Paver (> 2' X 2' Paver) – Or Equal	SF	\$7.51	\$31.80	\$0.00	\$39.31
114876	Permeable Paver – Or Equal	SF	\$7.51	\$19.08	\$0.00	\$26.59
114877	[Modifier] Quantity Premium - Unit Paving (101-500 SF) Quantity premium can be used when total square footage in section 32-14-00 Unit Paving are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$1.81	\$0.00	\$0.00	\$1.81
114878	[Modifier] Quantity Premium - Unit Paving (51-100 SF) Quantity premium can be used when total square footage in section 32-14-00 Unit Paving are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$4.51	\$0.00	\$0.00	\$4.51

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		Units	Labor	Material	Equipment	Total
114879	[Modifier] Quantity Premium - Unit Paving (< or = to 50 SF) Quantity premium can be used when total square footage in section 32-14-00 Unit Paving are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$9.03	\$0.00	\$0.00	\$9.03

32-15-00 Aggregate Surfacing

32-15-40 Crushed Stone Surfacing

114880	Decomposed Granite Paving Up To 3" with 3" Stone Base Includes edge restraints	SF	\$2.58	\$2.12	\$0.00	\$4.70
114881	Decomposed Granite Paving Up To 4" with 4" Stone Base Includes edge restraints	SF	\$3.01	\$3.18	\$0.00	\$6.19
114882	[Modifier] Quantity Premium - Crushed Stone Surfacing (101-500 SF) Quantity premium can be used when total square footage in section 32-15-40 Crushed Stone Surfacing are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$1.81	\$0.00	\$0.00	\$1.81
114883	[Modifier] Quantity Premium - Crushed Stone Surfacing (51-100 SF) Quantity premium can be used when total square footage in section 32-15-40 Crushed Stone Surfacing are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$4.51	\$0.00	\$0.00	\$4.51
114884	[Modifier] Quantity Premium - Crushed Stone Surfacing (< or = to 50 SF) Quantity premium can be used when total square footage in section 32-15-40 Crushed Stone Surfacing are within stated quantities. Can be applied cumulatively to base line items chosen within 32-13-13.	SF	\$9.03	\$0.00	\$0.00	\$9.03

32-16-00 Curbs, Gutters, Sidewalks, and Driveways

32-16-13 Curbs and Gutters

Refer to Division Three for any reinforcing requirements

114885	Concrete Curb – Standard Curb Includes finishing	CY	\$537.52	\$172.31	\$30.90	\$740.73
114886	Concrete Curb and Gutter Includes finishing	CY	\$537.52	\$172.31	\$30.90	\$740.73
114887	Concrete Curb – Gutter Includes finishing	CY	\$537.52	\$172.31	\$30.90	\$740.73
114888	Granite Curb New or Reclaimed	LF	\$24.04	\$14.84	\$0.00	\$38.88

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		Units	Labor	Material	Equipment	Total
114889	Precast Concrete Curbs and Bumpers	LF	\$24.04	\$8.90	\$0.00	\$32.94
114890	Asphalt Curb - Standard, Machine Extruded	TN	\$55.38	\$106.00	\$15.00	\$176.38
114891	Asphalt Curb - Mountable, Machine Extruded	TN	\$69.23	\$106.00	\$15.00	\$190.23
114892	Asphalt Curb - Standard and Mountable, Installed by Hand	TN	\$179.08	\$106.00	\$15.00	\$300.08
114893	[Modifier] Steel Facing On Curb Can be applied cumulatively to base line items chosen within 32-13-13.	LF	\$2.75	\$4.27	\$0.00	\$7.02
114894	[Modifier] Quantity Premium - Concrete Curbs and Gutters (4-6 CY) This line item can be used if the total cubic yardage of concrete falls within 4-6 cubic yards. It Can be applied cumulatively to applicable line items chosen within 32-13-13.	LS	\$433.42	\$1,060.01	\$0.00	\$1,493.43
114895	[Modifier] Quantity Premium - Concrete Curbs and Gutters (< Or = To 3 CY) This line item can be used if the total cubic yardage of concrete is less than or equal to 3 cubic yards. It Can be applied cumulatively to applicable line items chosen within 32-13-13.	LS	\$866.85	\$1,060.01	\$0.00	\$1,926.86
114896	[Modifier] Quantity Premium - Asphalt Standard Curbs and Gutters (< Or = To 1 Ton) Quantity premium can be used when total tonnage in section 32-16-13 is less than or equal to 1 ton. Can be applied cumulatively to line items chosen within 32-13-13.	TN	\$27.69	\$0.00	\$3.75	\$31.44
114897	[Modifier] Quantity Premium - Asphalt Mountable Curbs and Gutters (< Or = To 1 Ton) Quantity premium can be used when total tonnage in section 32-16-13 is less than or equal to 1 ton. Can be applied cumulatively to line items chosen within 32-13-13.	TN	\$89.54	\$0.00	\$3.75	\$93.29

32-17-00 Paving Specialties

32-17-13 Parking Bumpers

114898	Concrete Wheel Stop Up To 4' Long – Standard Duty Includes rebar spikes	EA	\$34.71	\$79.50	\$0.00	\$114.21
114899	Concrete Wheel Stop Up To 6' Long – Standard Duty Includes rebar spikes	EA	\$37.59	\$106.00	\$0.00	\$143.59
114900	Concrete Wheel Stop Up To 4' Long – Heavy Duty Includes rebar spikes	EA	\$34.71	\$95.40	\$0.00	\$130.11

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		Units	Labor	Material	Equipment	Total
114901	Concrete Wheel Stop Up To 6' Long – Heavy Duty Includes rebar spikes	EA	\$37.59	\$127.20	\$0.00	\$164.79
114902	Rubber Wheel Stop Up To 4' Long – Standard Duty Includes rebar spikes	EA	\$34.71	\$63.60	\$0.00	\$98.31
114903	Rubber Wheel Stop Up To 6' Long – Standard Duty Includes rebar spikes	EA	\$37.59	\$84.79	\$0.00	\$122.38
114904	Rubber Wheel Stop Up To 4' Long – Heavy Duty Includes rebar spikes	EA	\$34.71	\$79.50	\$0.00	\$114.21
114905	Rubber Wheel Stop Up To 6' Long – Heavy Duty Includes rebar spikes	EA	\$37.59	\$106.00	\$0.00	\$143.59
114906	Rubber Speed Bump – Standard Duty Includes rebar spikes	LF	\$4.51	\$26.50	\$0.00	\$31.01
114907	Rubber Speed Bump – Heavy Duty Includes rebar spikes	LF	\$4.51	\$33.13	\$0.00	\$37.64
32-17-23 Pavement Markings						
<i>Follow project documents as well as manufacturers requirements for mil thickness. Unit pricing for the pavement striping is inclusive of white or yellow paint.</i>						
114908	Traffic Paint Striping Up To 4" Wide – Parking Lot	LF	\$0.24	\$0.26	\$0.00	\$0.50
114909	Traffic Paint Striping Up To 6" Wide – Parking Lot	LF	\$0.29	\$0.38	\$0.00	\$0.67
114910	Traffic Paint Striping Up To 8" Wide – Parking Lot	LF	\$0.33	\$0.56	\$0.00	\$0.89
114911	Traffic Paint Striping Up To 12" Wide – Parking Lot	LF	\$0.38	\$0.74	\$0.00	\$1.12
114912	Traffic Paint Striping - 1 Coat, 4" Wide – Road, Up To 1,000 LF	LF	\$0.31	\$0.26	\$0.00	\$0.57
114913	Traffic Paint Striping - 1 Coat, 4" Wide – Road, 1,001 to 10,000 LF	LF	\$0.30	\$0.24	\$0.00	\$0.54
114914	Traffic Paint Striping - 1 Coat, 4" Wide – Road, 10,001 LF and Up	LF	\$0.29	\$0.23	\$0.00	\$0.52
114915	Traffic Paint Striping - 2 Coat, 4" Wide – Road, Up to 1,000 LF	LF	\$0.47	\$0.51	\$0.00	\$0.98
114916	Traffic Paint Striping - 2 Coat, 4" Wide – Road, 1,001 to 10,000 LF	LF	\$0.45	\$0.50	\$0.00	\$0.95
114917	Traffic Paint Striping - 2 Coat, 4" Wide – Road, 10,001 LF and Up	LF	\$0.45	\$0.46	\$0.00	\$0.91
114918	Traffic Striping - Thermoplastic, 4" Wide – Road, Up to 1,000 LF	LF	\$0.77	\$0.66	\$0.00	\$1.43
114919	Traffic Striping - Thermoplastic, 4" Wide – Road, 1,001 to 10,000 LF	LF	\$0.74	\$0.63	\$0.00	\$1.37
114920	Traffic Striping - Thermoplastic, 4" Wide – Road, 10,001 LF and Up	LF	\$0.71	\$0.61	\$0.00	\$1.32
114921	Traffic Paint Striping - 1 Coat, Double 4" Wide – Road, Up to 1,000 LF	LF	\$0.38	\$0.51	\$0.00	\$0.89
114922	Traffic Paint Striping - 1 Coat, Double 4" Wide – Road, 1,001 to 10,000 LF	LF	\$0.37	\$0.50	\$0.00	\$0.87

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		Units	Labor	Material	Equipment	Total
114923	Traffic Paint Striping - 1 Coat, Double 4" Wide – Road, 10,001 LF and Up	LF	\$0.37	\$0.46	\$0.00	\$0.83
114924	Traffic Paint Striping - 2 Coat, Double 4" Wide – Road, Up to 1,000 LF	LF	\$0.59	\$1.01	\$0.00	\$1.60
114925	Traffic Paint Striping - 2 Coat, Double 4" Wide – Road, 1,001 to 10,000 LF	LF	\$0.56	\$0.99	\$0.00	\$1.55
114926	Traffic Paint Striping - 2 Coat, Double 4" Wide – Road, 10,001 LF and Up	LF	\$0.56	\$0.94	\$0.00	\$1.50
114927	Traffic Paint Striping - 1 Coat, 4" Wide Broken – Road, Up to 1,000 LF	LF	\$0.38	\$0.26	\$0.00	\$0.64
114928	Traffic Paint Striping - 1 Coat, 4" Wide Broken – Road, 1,001 to 10,000 LF	LF	\$0.37	\$0.24	\$0.00	\$0.61
114929	Traffic Paint Striping - 1 Coat, 4" Wide Broken – Road, 10,001 LF and Up	LF	\$0.37	\$0.23	\$0.00	\$0.60
114930	Traffic Paint Striping - 1 Coat, 6" Wide – Road, Up To 1,000 LF	LF	\$0.37	\$0.38	\$0.00	\$0.75
114931	Traffic Paint Striping - 1 Coat, 6" Wide – Road, 1,001 to 10,000 LF	LF	\$0.36	\$0.37	\$0.00	\$0.73
114932	Traffic Paint Striping - 1 Coat, 6" Wide – Road, 10,001 LF and Up	LF	\$0.34	\$0.35	\$0.00	\$0.69
114933	Traffic Paint Striping - 2 Coat, 6" Wide – Road, Up to 1,000 LF	LF	\$0.54	\$0.77	\$0.00	\$1.31
114934	Traffic Paint Striping - 2 Coat, 6" Wide – Road, 1,001 to 10,000 LF	LF	\$0.68	\$0.54	\$0.00	\$1.22
114935	Traffic Paint Striping - 2 Coat, 6" Wide – Road, 10,001 LF and Up	LF	\$0.66	\$0.52	\$0.00	\$1.18
114936	Traffic Striping - Thermoplastic, 6" Wide – Road, Up to 1,000 LF	LF	\$1.00	\$0.78	\$0.00	\$1.78
114937	Traffic Striping - Thermoplastic, 6" Wide – Road, 1,001 to 10,000 LF	LF	\$0.97	\$0.76	\$0.00	\$1.73
114938	Traffic Striping - Thermoplastic, 6" Wide – Road, 10,001 LF and Up	LF	\$0.93	\$0.72	\$0.00	\$1.65
114939	Traffic Paint Striping - 1 Coat, Double 6" Wide – Road, Up to 1,000 LF	LF	\$0.45	\$0.77	\$0.00	\$1.22
114940	Traffic Paint Striping - 1 Coat, Double 6" Wide – Road, 1,001 to 10,000 LF	LF	\$0.44	\$0.74	\$0.00	\$1.18
114941	Traffic Paint Striping - 1 Coat, Double 6" Wide – Road, 10,001 LF and Up	LF	\$0.44	\$0.71	\$0.00	\$1.15
114942	Traffic Paint Striping - 2 Coat, Double 6" Wide – Road, Up to 1,000 LF	LF	\$0.68	\$1.52	\$0.00	\$2.20
114943	Traffic Paint Striping - 2 Coat, Double 6" Wide – Road, 1,001 to 10,000 LF	LF	\$0.86	\$1.07	\$0.00	\$1.93
114944	Traffic Paint Striping - 2 Coat, Double 6" Wide – Road, 10,001 LF and Up	LF	\$0.83	\$1.02	\$0.00	\$1.85

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		Units	Labor	Material	Equipment	Total
114945	Traffic Paint Striping - 1 Coat, 6" Wide Broken – Road, Up to 1,000 LF	LF	\$0.54	\$0.38	\$0.00	\$0.92
114946	Traffic Paint Striping - 1 Coat, 6" Wide Broken – Road, 1,001 to 10,000 LF	LF	\$0.53	\$0.37	\$0.00	\$0.90
114947	Traffic Paint Striping - 1 Coat, 6" Wide Broken – Road, 10,001 LF and Up	LF	\$0.52	\$0.35	\$0.00	\$0.87
114948	Traffic Paint Striping - 1 Coat, 8" Wide – Road, Up to 1,000 LF	LF	\$0.41	\$0.56	\$0.00	\$0.97
114949	Traffic Paint Striping - 1 Coat, 8" Wide – Road, 1,001 to 10,000 LF	LF	\$0.51	\$0.40	\$0.00	\$0.91
114950	Traffic Paint Striping - 1 Coat, 8" Wide – Road, 10,001 LF and Up	LF	\$0.49	\$0.38	\$0.00	\$0.87
114951	Traffic Paint Striping - 2 Coat, 8" Wide – Road, Up to 1,000 LF	LF	\$0.83	\$0.63	\$0.00	\$1.46
114952	Traffic Paint Striping - 2 Coat, 8" Wide – Road, 1,001 to 10,000 LF	LF	\$0.80	\$0.62	\$0.00	\$1.42
114953	Traffic Paint Striping - 2 Coat, 8" Wide – Road, 10,001 LF and Up	LF	\$0.77	\$0.60	\$0.00	\$1.37
114954	Traffic Striping - Thermoplastic, 8" Wide – Road, Up to 1,000 LF	LF	\$1.15	\$0.90	\$0.00	\$2.05
114955	Traffic Striping - Thermoplastic, 8" Wide – Road, 1,001 to 10,000 LF	LF	\$1.12	\$0.87	\$0.00	\$1.99
114956	Traffic Striping - Thermoplastic, 8" Wide – Road, 10,001 LF and Up	LF	\$1.08	\$0.84	\$0.00	\$1.92
114957	Traffic Paint Striping - 1 Coat, 12" Wide – Road, Up to 1,000 LF	LF	\$0.48	\$0.74	\$0.00	\$1.22
114958	Traffic Paint Striping - 1 Coat, 12" Wide – Road, 1,001 to 10,000 LF	LF	\$0.63	\$0.50	\$0.00	\$1.13
114959	Traffic Paint Striping - 1 Coat, 12" Wide – Road, 10,001 LF and Up	LF	\$0.61	\$0.48	\$0.00	\$1.09
114960	Traffic Paint Striping - 2 Coat, 12" Wide – Road, Up to 1,000 LF	LF	\$1.10	\$0.85	\$0.00	\$1.95
114961	Traffic Paint Striping - 2 Coat, 12" Wide – Road, 1,001 to 10,000 LF	LF	\$1.07	\$0.84	\$0.00	\$1.91
114962	Traffic Paint Striping - 2 Coat, 12" Wide – Road, 10,001 LF and Up	LF	\$1.04	\$0.80	\$0.00	\$1.84
114963	Traffic Striping - Thermoplastic, 12" Wide – Road, Up to 1,000 LF	LF	\$1.29	\$1.00	\$0.00	\$2.29
114964	Traffic Striping - Thermoplastic, 12" Wide – Road, 1,001 to 10,000 LF	LF	\$1.24	\$0.98	\$0.00	\$2.22
114965	Traffic Striping - Thermoplastic, 12" Wide – Road, 10,001 LF and Up	LF	\$1.20	\$0.94	\$0.00	\$2.14
114966	Paint Pavement Markings - 1 Coat	SF	\$1.82	\$1.56	\$0.00	\$3.38
114967	Paint Pavement Markings - 2 Coat	SF	\$2.45	\$2.10	\$0.00	\$4.55
114968	Thermoplastic Pavement Markings	SF	\$4.02	\$3.45	\$0.00	\$7.47
114969	Green Bike Box	SF	\$4.50	\$3.86	\$0.00	\$8.36
114970	Priority Queue Lane for Cyclists					
	Diagonal Van Accessable Parking Stall	EA	\$402.10	\$312.91	\$0.00	\$715.01

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		Units	Labor	Material	Equipment	Total
114971	Red Curb Painting and 'No Parking Fire Lane' Stencil	LF	\$1.62	\$1.27	\$0.00	\$2.89
114972	Raised Pavement Markers (RPM's), Surface Mounted Similar or equal to 3M Marker Series 290, application to be epoxy or bitumen, colors - white, yellow, green, red or blue	EA	\$0.59	\$4.21	\$0.37	\$5.17
114973	[Modifier] (< or = 200 LF) Quantity premium can be used when total Linear Footage in section 32-17-23 Pavement Markings are within stated quantities. Can be applied cumulatively to base line items.	LF	\$3.16	\$0.00	\$0.00	\$3.16
114974	[Modifier] (< or = 10 EA) Quantity premium can be used when total Count in section 32-17-23 Pavement Markings are within stated quantities. Can be applied cumulatively to base line items.	EA	\$63.16	\$0.00	\$0.00	\$63.16
114975	Tactile Warning Surfacing ADA Compliant Systems	SF	\$11.75	\$32.67	\$0.00	\$44.42
32-18-00 Athletic and Recreational Surfacing						
32-18-16 Synthetic Resilient Surfacing						
114976	Synthetic Playground Surfacing Does not include subbase. Up to 3/4" thick, multiple colors	SF	\$2.36	\$2.60	\$0.00	\$4.96
114977	Shock Absorbing Rubber Base Layer - Playground Does not include wearing surface. Various thicknesses as required by design	CF	\$24.35	\$17.04	\$0.00	\$41.39
32-18-23 Athletic Surfacing						
114978	Outdoor Sand Volleyball Court	SF	\$1.17	\$1.74	\$0.00	\$2.91
114979	Tennis Court – Asphalt Includes asphalt, green coat, and striping	SF	\$3.01	\$2.91	\$0.00	\$5.92
114980	Basketball Court – Asphalt Includes asphalt and striping	SF	\$3.01	\$2.28	\$0.00	\$5.29
114981	Rubber Running Track – Outdoor Includes 4" crushed stone base, 2" asphalt, manufacturer specified base mat, binder, and EPDM top coat or equal	SF	\$4.85	\$2.82	\$0.00	\$7.67
114982	Artificial Turf – Exterior Price includes stone base, drainage piping, and synthetic grass surface with markings	SF	\$4.23	\$6.45	\$0.00	\$10.68
114983	Athletic Field-Seed (Baseball / Softball / Soccer) Price includes removing 14" topsoil, mixing and reusing 10", 4" pea gravel, fine grading, seed, mulch, and fertilizer	SF	\$0.75	\$0.85	\$0.00	\$1.60

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		Units	Labor	Material	Equipment	Total
114984	Athletic Field-Sod (Baseball / Softball / Soccer) Price includes removing 14" topsoil, mixing and reusing 10", 4" pea gravel, fine grading, and sod	SF	\$0.82	\$1.23	\$0.00	\$2.05
114985	Tennis Court Topping (Indoor)	SF	\$2.25	\$2.12	\$0.00	\$4.37
114986	Tennis Court Topping (Outdoor)	SF	\$2.25	\$2.12	\$0.00	\$4.37
114987	Anti Microbial Turf Cleaning Spray	SF	\$0.06	\$0.05	\$0.00	\$0.11

32-30-00 Site Improvements

32-31-00 Fences and Gates

32-31-00 Fences and Gates

114988	Aluminum Track Sliding Gate, Up To 8' High x 30' Wide Includes posts with concrete foundation, gate and gate operator, anodized finish	SF	\$16.50	\$62.62	\$3.63	\$82.75
114989	Steel Track Sliding Gate, Up To 8' High x 30' Wide Includes posts with concrete foundation, gate and gate operator, galvanized finish	SF	\$16.50	\$52.20	\$3.63	\$72.33
114990	Excavate Post Hole by Vertical Linear Foot of Depth - 6" - 8" Diameter Hole Includes mobilization/demobilization, post hole excavated by machine (auger); backfill with excavated material, compacted	VLF	\$14.21	\$0.00	\$5.04	\$19.25
114991	Excavate Post Hole by Vertical Linear Foot of Depth - 8" to 10" Diameter Hole Includes mobilization/demobilization, post hole excavated by machine (auger); backfill with excavated material, compacted	VLF	\$17.78	\$0.00	\$5.04	\$22.82
114992	Excavate Post Hole by Vertical Linear Foot of Depth - 10" to 12" Diameter Hole Includes mobilization/demobilization, post hole excavated by machine (auger); backfill with excavated material, compacted	VLF	\$18.91	\$0.00	\$5.04	\$23.95
114993	[Modifier] Add for Hand Excavation - 6" - 8" Diameter Hole Backfill with excavated material, compacted	VLF	\$11.38	\$0.00	\$0.00	\$11.38
114994	[Modifier] Add for Hand Excavation - 8" to 10" Diameter Hole Backfill with excavated material, compacted	VLF	\$14.23	\$0.00	\$0.00	\$14.23

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		Units	Labor	Material	Equipment	Total
114995	[Modifier] Add for Hand Excavation - 10" to 12" Diameter Hole Backfill with excavated material, compacted	VLF	\$15.15	\$0.00	\$0.00	\$15.15
114996	[Modifier] Add for Backfill with Sakrete or Gravel - 6" - 8" Diameter Hole Does not include disposal of excavated material	VLF	\$1.41	\$3.45	\$0.00	\$4.86
114997	[Modifier] Add for Backfill with Sakrete or Gravel - 8" to 10" Diameter Hole Does not include disposal of excavated material	VLF	\$1.77	\$5.17	\$0.00	\$6.94
114998	[Modifier] Add for Backfill with Sakrete or Gravel - 10" to 12" Diameter Hole Does not include disposal of excavated material	VLF	\$1.89	\$6.90	\$0.00	\$8.79
114999	[Modifier] Add for Post Holes in Rock - 6" - 8" Diameter Hole Does not include disposal of excavated material; assumes jack hammer and compressor	VLF	\$54.05	\$0.00	\$39.79	\$93.84
115000	[Modifier] Add for Post Holes in Rock - 8" to 10" Diameter Hole Does not include disposal of excavated material; assumes jack hammer and compressor	VLF	\$67.56	\$0.00	\$39.79	\$107.35
115001	[Modifier] Add for Post Holes in Rock - 10" to 12" Diameter Hole Does not include disposal of excavated material; assumes jack hammer and compressor	VLF	\$71.89	\$0.00	\$39.79	\$111.68
32-31-11 Gate Operators						
115002	Gate Operator – Up To 1 HP Includes (one set) of safety detection photo eyes and (two) pressure sensors	EA	\$1,082.46	\$3,604.00	\$0.00	\$4,686.46
115003	Gate Operator Controller Automated	EA	\$0.00	\$79.50	\$0.00	\$79.50
115004	Entry / Exit Loop Direct Burry or Saw Cut	LF	\$2.35	\$4.83	\$0.00	\$7.18
32-31-13 Chain Link Fences and Gates						
115005	Galvanized Chain Link Fence 4' Tall Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$5.64	\$19.08	\$0.00	\$24.72
115006	Galvanized Chain Link Fence 6' Tall Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$6.44	\$23.32	\$0.00	\$29.76

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		Units	Labor	Material	Equipment	Total
115007	Galvanized Chain Link Fence 8' Tall Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$6.44	\$27.56	\$0.00	\$34.00
115008	Galvanized Chain Link Fence 10' Tall Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$7.52	\$29.68	\$0.00	\$37.20
115009	Galvanized Chain Link Fence 14' Tall Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$7.52	\$36.13	\$0.00	\$43.65
115010	[Modifier] For Vinyl Slats in Chain Link Fence, 4' Based on double wall - self top locking vinyl slats, for 2" diamond shape chain link, 4' high	LF	\$4.73	\$9.17	\$0.00	\$13.90
115011	[Modifier] For Vinyl Slats in Chain Link Fence, 8' Based on double wall - self top locking vinyl slats, for 2" diamond shape chain link, 8' high	LF	\$14.17	\$16.29	\$5.80	\$36.26
115012	[Modifier] For Vinyl Coated Chain Link Fence Vinyl coated chain link fence, powder coated posts and rails	SF	\$0.36	\$1.67	\$0.00	\$2.03
115013	Anti Climb High Security Fence - 10.5-Gauge, Up To 8' High Includes layout, new post and all labor, material and equipment for a complete fence installation. Similar or equal to Riverdale Mills 0.5 x 3, 10.5 gauge, 87"w x 96"l, black. For set in concrete posts add Excavate Post Hole by VLF.	LF	\$53.16	\$110.56	\$51.51	\$215.23
115014	Anti Climb High Security 10.5-Gauge - 12' Wide Double Gate, Up To 8' High, Manual Operation Includes layout, new post and all labor, material and equipment for a complete fence installation. Similar or equal to Riverdale Mills 0.5 x 3, 10.5 gauge, 87"w x 96"l, black. For set in concrete posts add Excavate Post Hole by VLF.	EA	\$1,662.37	\$1,525.70	\$1,600.00	\$4,788.07

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		Units	Labor	Material	Equipment	Total
115015	Anti Climb High Security 10.5-Gauge - 10' Wide Double Gate, Up To 8' High, Manual Operation Includes layout, new post and all labor, material and equipment for a complete fence installation. Similar or equal to Riverdale Mills 0.5 x 3, 10.5 gauge, 87"w x 96"l, black. For set in concrete posts add Excavate Post Hole by VLF.	EA	\$1,662.37	\$1,271.42	\$1,600.00	\$4,533.79
115016	Razor Wire Razor wire at top of fencing	LF	\$3.24	\$1.43	\$0.00	\$4.67
115017	Barbed Wire Barbed wire at top of fencing	LF	\$1.84	\$2.12	\$0.45	\$4.41
115018	Outdoor PVC Mesh Privacy Screen	SF	\$0.68	\$0.82	\$0.00	\$1.50
115019	Double Security Gate 10' Wide X 8' Tall Includes Mounted Posts and Hardware	EA	\$1,455.28	\$2,968.00	\$0.00	\$4,423.28
115020	Single Security Gate 3' Wide X 8' Tall Includes Mounted Posts and Hardware	EA	\$776.48	\$1,484.00	\$0.00	\$2,260.48
115021	5' Wide Chain Link Walk Gate Includes Mounted Posts and Hardware	EA	\$201.22	\$180.36	\$0.00	\$381.58
115022	10' Wide Double Chain Link Swing Gate Includes Mounted Posts and Hardware	EA	\$402.44	\$360.71	\$0.00	\$763.15
115023	Double Security Gate 8'-8" Wide X 14' Tall Includes Mounted Posts and Hardware	EA	\$1,750.75	\$1,460.68	\$750.00	\$3,961.43
115024	12' Wide Double Chain Link Swing Gate Includes Mounted Posts and Hardware	EA	\$536.43	\$445.56	\$0.00	\$981.99
115025	18' Wide Double Chain Link Swing Gate Includes Mounted Posts and Hardware	EA	\$716.09	\$805.99	\$0.00	\$1,522.08
32-31-19 Decorative Metal Fences and Gates						
115026	Wrought Iron Fence 4' Tall	LF	\$32.22	\$132.51	\$0.00	\$164.73
115027	Wrought Iron Fence 6' Tall	LF	\$37.59	\$143.10	\$0.00	\$180.69
115028	Wrought Iron Fence 8' Tall	LF	\$45.11	\$153.70	\$0.00	\$198.81
115029	Wrought Iron Fence 10' Tall	LF	\$56.40	\$164.30	\$0.00	\$220.70
115030	Ornamental Steel Picket Fence – 6' Tall	LF	\$39.23	\$73.30	\$0.00	\$112.53
115031	Ornamental Steel Gate – 6' H X 10' Wide	EA	\$1,958.23	\$1,611.20	\$0.00	\$3,569.43
115032	Ornamental Welded Wire Fence – 6' Tall Architectural fence; 6' high, black With 3" posts	LF	\$14.84	\$45.58	\$0.00	\$60.42

32-31-23 Plastic Fences and Gates

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		Units	Labor	Material	Equipment	Total
115033	Vinyl Fence, 4' High, 3 Rail Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$24.53	\$36.57	\$0.00	\$61.10
32-31-29 Wood Fences and Gates						
115034	Wood Post and Rail Fence, 4' High, Pine, 3 Rail Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$14.93	\$13.57	\$0.00	\$28.50
115035	Wood Post and Rail Fence, 4' High, Redwood, 3 Rail Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$24.26	\$22.05	\$0.00	\$46.31
115036	Wood Post and Rail Fence, 6' High, Pine, 3 Rail Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$19.86	\$18.04	\$0.00	\$37.90
115037	Wood Post and Rail Fence, 6' High, Redwood, 3 Rail Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$32.27	\$29.32	\$0.00	\$61.59
115038	Wood Post and Rail Gate, Up to 4' Wide, Pine Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	EA	\$119.14	\$108.27	\$0.00	\$227.41
115039	Wood Post and Rail Gate, Upt to 4' Wide, Redwood Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	EA	\$193.60	\$175.94	\$0.00	\$369.54
115040	Wood Picket Fence, 4' High, Pine Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$21.00	\$19.08	\$0.00	\$40.08
115041	Wood Picket Fence, 4' High, Redwood Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$30.33	\$27.56	\$0.00	\$57.89
115042	Wood Picket Fence, 6' High, Pine Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$27.92	\$25.38	\$0.00	\$53.30

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		Units	Labor	Material	Equipment	Total
115043	Wood Picket Fence, 6' High, Redwood Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	LF	\$40.33	\$36.66	\$0.00	\$76.99
115044	Wood Picket Gate, Up to 4' Wide, Pine Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	EA	\$167.53	\$152.25	\$0.00	\$319.78
115045	Wood Picket Gate, Upt to 4' Wide, Redwood Includes layout, post holes, concrete footing and all labor and material for a complete fence installation	EA	\$241.99	\$219.93	\$0.00	\$461.92
115046	Pressure Wash Wood Fence/Deck Prep for paint or stain	SF	\$0.28	\$0.05	\$0.00	\$0.33
115047	Fence Post, Wood or Metal Includes layout, post holes, concrete footing and all labor and material to attached existng fence	EA	\$108.17	\$132.51	\$0.00	\$240.68

32-32-00 Retaining Walls

32-32-13 Cast-in-Place Concrete Retaining Walls

115048	Formwork Retaining Wall Footing	SF	\$9.87	\$2.86	\$0.00	\$12.73
115049	Formwork For Retaining Wall	SF	\$11.10	\$2.86	\$0.00	\$13.96
115050	Rebar Footing To Retaining Wall	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
115051	Rebar Set For Retaining Wall	TN	\$1,605.24	\$1,250.69	\$0.00	\$2,855.93
115052	Concrete To Retaining Wall	CY	\$100.88	\$172.31	\$0.00	\$273.19
115053	Concrete To Retaining Wall Footing	CY	\$84.95	\$172.31	\$0.00	\$257.26

32-32-23 Segmental Retaining Walls

115054	Segmented Block Retaining Wall	SF	\$18.39	\$7.95	\$0.00	\$26.34
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32-33-00 Site Furnishings

32-33-00 Site Furnishings

115055	Parking / Traffic Sign Pole Mounted Up To 12"x18" Corrosion-resistant aluminum sign	EA	\$89.96	\$106.00	\$0.00	\$195.96
115056	Parking / Traffic Sign Wall Mounted Up To 12"x18" Corrosion-resistant aluminum sign	EA	\$24.02	\$53.00	\$0.00	\$77.02
115057	Parking / Traffic Sign Pole Mounted Up To 30"x30" Corrosion-resistant aluminum sign	EA	\$112.78	\$159.01	\$0.00	\$271.79
115058	Parking / Traffic Sign Wall Mounted Up To 30"x30" Corrosion-resistant aluminum sign	EA	\$30.07	\$106.00	\$0.00	\$136.07

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		Units	Labor	Material	Equipment	Total
115059	Angle Mount Exhibit Sign Frame or Frameless Pole Mounted Corrosion-resistant aluminum sign	EA	\$1,002.52	\$1,325.00	\$0.00	\$2,327.52
115060	Tennis Net, Posts and Support	SET	\$1,202.39	\$1,060.01	\$0.00	\$2,262.40
115061	Volleyball Net, Posts and Supports	SET	\$1,202.39	\$1,590.00	\$0.00	\$2,792.39
115062	Basketball Backstop and Supports	SET	\$1,202.39	\$2,120.00	\$0.00	\$3,322.39
115063	Gaga Ball Pit Playground Sports	SET	\$1,202.39	\$4,240.00	\$0.00	\$5,442.39
32-33-13 Site Bicycle Racks						
115064	Site Outdoor - Park Style Bike Rack	EA	\$69.24	\$132.51	\$0.00	\$201.75
115065	Remove and Relocate Bike Rack	EA	\$213.39	\$39.22	\$0.00	\$252.61
32-33-23 Site Trash and Litter Receptacles						
115066	Site Outdoor - Trash Receptacle	EA	\$69.24	\$371.00	\$0.00	\$440.24
32-33-43 Site Seating and Tables						
115067	Site Outdoor - Park Style Benches	EA	\$135.26	\$530.00	\$0.00	\$665.26
32-39-00 Manufactured Site Specialties						
32-39-00 Manufactured Site Specialties						
115068	HDPE Bollard Cover - 6" Diameter	EA	\$15.66	\$87.26	\$0.00	\$102.92
115069	HDPE Bollard Cover - 8" To 10" Diameter	EA	\$15.66	\$100.70	\$0.00	\$116.36
115070	Pipe Bollard - Concrete Filled, Up To 10" Diameter Mounted with epoxy set anchor bolts	EA	\$223.74	\$159.01	\$0.00	\$382.75
115071	Impact Resistant Bollard - Fixed Includes furnish and installation of bollard only. Concrete footing placement and re-bar are not included. Similar to Truckstopper 6-30 manufactured by Safetyflex	EA	\$496.57	\$5,360.22	\$0.00	\$5,856.79
32-39-13 Manufactured Metal Bollards						
115072	Fixed / Removable Bollard – Prime Coated Steel/Iron Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,062.52	\$0.00	\$1,423.42
115073	Fixed / Removable Bollard – Prime Coated Steel/Iron Luminated Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,275.03	\$0.00	\$1,635.93
115074	Fixed / Removable Bollard – Aluminum Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,593.78	\$0.00	\$1,954.68
115075	Fixed / Removable Bollard – Aluminum Luminated Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,912.53	\$0.00	\$2,273.43

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		Units	Labor	Material	Equipment	Total
115076	Fixed / Removable Bollard – Stainless Steel Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,125.03	\$0.00	\$2,485.93
115077	Fixed / Removable Bollard – Stainless Steel Luminated Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,550.04	\$0.00	\$2,910.94
115078	Fixed / Removable Bollard – Prime Coated Steel Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,168.77	\$0.00	\$1,529.67
115079	Fixed / Removable Bollard – Prime Coated Steel Luminated Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,402.52	\$0.00	\$1,763.42
115080	Fixed / Removable Bollard – Aluminum Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,753.15	\$0.00	\$2,114.05
115081	Fixed / Removable Bollard – Aluminum Luminated Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,103.79	\$0.00	\$2,464.69
115082	Fixed / Removable Bollard – Stainless Steel Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,337.54	\$0.00	\$2,698.44
115083	Fixed / Removable Bollard – Stainless Steel Luminated Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,805.05	\$0.00	\$3,165.95
115084	Fixed / Removable Bollard – Prime Coated Steel Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,285.64	\$0.00	\$1,646.54
115085	Fixed / Removable Bollard – Prime Coated Steel Luminated Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,542.78	\$0.00	\$1,903.68
115086	Fixed / Removable Bollard – Aluminum Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$1,928.47	\$0.00	\$2,289.37
115087	Fixed / Removable Bollard – Aluminum Luminated Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,314.16	\$0.00	\$2,675.06

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		Units	Labor	Material	Equipment	Total
115088	Fixed / Removable Bollard – Stainless Steel Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$2,571.30	\$0.00	\$2,932.20
115089	Fixed / Removable Bollard – Stainless Steel Luminated Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$360.90	\$3,085.54	\$0.00	\$3,446.44
115090	Retractable Bollard Hydraulic – Prime Coated Steel / Iron Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$4,250.07	\$0.00	\$4,851.59
115091	Retractable Bollard Hydraulic – Prime Coated Steel / Iron Luminated Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$5,100.09	\$0.00	\$5,701.61
115092	Retractable Bollard Hydraulic – Aluminum Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$6,375.10	\$0.00	\$6,976.62
115093	Retractable Bollard Hydraulic – Aluminum Luminated Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$7,650.13	\$0.00	\$8,251.65
115094	Retractable Bollard Hydraulic – Stainless Steel Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$8,500.14	\$0.00	\$9,101.66
115095	Retractable Bollard Hydraulic – Stainless Steel Luminated Up To 8" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$10,200.17	\$0.00	\$10,801.69
115096	Retractable Bollard Hydraulic – Prime Coated Steel Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$4,675.07	\$0.00	\$5,276.59
115097	Retractable Bollard Hydraulic – Prime Coated Steel Luminated Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$5,610.09	\$0.00	\$6,211.61
115098	Retractable Bollard Hydraulic – Aluminum Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$7,012.61	\$0.00	\$7,614.13
115099	Retractable Bollard Hydraulic – Aluminum Luminated Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$8,415.13	\$0.00	\$9,016.65

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		Units	Labor	Material	Equipment	Total
115100	Retractable Bollard Hydraulic – Stainless Steel Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$9,350.16	\$0.00	\$9,951.68
115101	Retractable Bollard Hydraulic – Stainless Steel Luminated Up To 10" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$11,220.19	\$0.00	\$11,821.71
115102	Retractable Bollard Hydraulic – Prime Coated Steel Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$5,142.58	\$0.00	\$5,744.10
115103	Retractable Bollard Hydraulic – Prime Coated Steel Luminated Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$6,171.10	\$0.00	\$6,772.62
115104	Retractable Bollard Hydraulic – Aluminum Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$7,713.88	\$0.00	\$8,315.40
115105	Retractable Bollard Hydraulic – Aluminum Luminated Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$9,256.65	\$0.00	\$9,858.17
115106	Retractable Bollard Hydraulic – Stainless Steel Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$10,285.17	\$0.00	\$10,886.69
115107	Retractable Bollard Hydraulic – Stainless Steel Luminated Up To 12" Diameter Up to 42" High. Includes all hook ups and concrete foundation	EA	\$601.52	\$12,342.20	\$0.00	\$12,943.72

32-80-00 Irrigation

Pricing applicable for both standard and reclaimed irrigation system components

32-80-00 Irrigation

Pricing applicable for both standard and reclaimed irrigation system components

32-80-00 Irrigation

Pricing applicable for both standard and reclaimed irrigation system components

115108	Landscape Maintenance - 30 Days Includes, but not limited to, maintenance of plants during establishment period, replace unsuitable plants, weed control and the application of water to all planted areas	SF	\$0.54	\$0.00	\$0.13	\$0.67
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		Units	Labor	Material	Equipment	Total
115109	Landscape Maintenance - 60 Days Includes, but not limited to, maintenance of plants during establishment period, replace unsuitable plants, weed control and the application of water to all planted areas	SF	\$1.07	\$0.00	\$0.26	\$1.33
115110	Landscape Maintenance - 90 Days Includes, but not limited to, maintenance of plants during establishment period, replace unsuitable plants, weed control and the application of water to all planted areas	SF	\$1.61	\$0.00	\$0.39	\$2.00
115111	Irrigation System – Temporary Complete system. Includes controllers, rain sensor, and timer. All piping above ground.	SF	\$0.23	\$0.22	\$0.00	\$0.45
115112	Irrigation System – Residential Complete system. Includes controllers, rain sensor, and timer	SF	\$0.32	\$0.22	\$0.00	\$0.54
115113	Irrigation System – Athletic / Sports Complete system. Includes controllers, rain sensor, and timer	SF	\$0.60	\$0.37	\$0.00	\$0.97
115114	Irrigation System – Field and Park Complete system. Includes controllers, rain sensor, and timer	SF	\$0.45	\$0.32	\$0.00	\$0.77
115115	Irrigation System – Plant Complete system. Includes controllers, rain sensor, and timer	SF	\$0.45	\$0.27	\$0.00	\$0.72
115116	Irrigation System – Drip Complete system. Includes controllers, rain sensor, and timer	SF	\$0.64	\$0.48	\$0.00	\$1.12
115117	Drip Irrigation Tape – 5/8" Up to 15 mil.	LF	\$1.81	\$0.06	\$0.00	\$1.87
115118	Drip Irrigation Tubing – 1/2" Dripline Polyethylene	LF	\$2.69	\$0.29	\$0.00	\$2.98
115119	Drip Irrigation Tubing – 1/2" Mainline Polyethylene	LF	\$2.69	\$0.10	\$0.00	\$2.79
115120	Drip Irrigation Tubing – 3/4" Mainline Polyethylene	LF	\$2.89	\$0.21	\$0.00	\$3.10
115121	Drip Irrigation Tubing – 1" Mainline Polyethylene	LF	\$3.22	\$1.00	\$0.00	\$4.22
115122	Drip Irrigation Fittings – 1/2" Perma-Loc	EA	\$15.04	\$1.17	\$0.00	\$16.21
115123	Drip Irrigation Fittings – 3/4" Perma-Loc	EA	\$17.35	\$2.72	\$0.00	\$20.07
115124	Drip Irrigation Fittings – 1" Perma-Loc	EA	\$20.50	\$4.56	\$0.00	\$25.06
115125	Drip Irrigation Dripper Adjustable, compensating or fixed.	EA	\$4.51	\$0.29	\$0.00	\$4.80

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		Units	Labor	Material	Equipment	Total
115126	Drip Irrigation Mister Head	EA	\$4.51	\$1.68	\$0.00	\$6.19
115127	Drip Irrigation Control Valve – 1"	EA	\$22.55	\$115.54	\$0.00	\$138.09
115128	Drip Irrigation Control Valve – 1-1/2"	EA	\$30.07	\$154.76	\$0.00	\$184.83
115129	Drip Irrigation Pressure Regulator – 1" and Down	EA	\$15.04	\$8.42	\$0.00	\$23.46
115130	Drip Irrigation Filter – 1" and Down Canister type.	EA	\$15.04	\$23.31	\$0.00	\$38.35
115131	Drip Irrigation Filter – 1-1/2" Canister type.	EA	\$20.50	\$105.99	\$0.00	\$126.49
115132	Drip Irrigation Filter – 2" Cartridge/screen type.	EA	\$56.40	\$364.64	\$0.00	\$421.04
115133	Drip Irrigation Controller	EA	\$902.28	\$157.93	\$0.00	\$1,060.21
115134	Irrigation System – Repair Pipe Or Tube – Less than 5 Per location	EA	\$112.78	\$15.90	\$0.00	\$128.68
115135	Irrigation System Repair Pipe Or Tube – Greater Than 5 But Less Than 10 Per location	EA	\$90.23	\$15.90	\$0.00	\$106.13
115136	Irrigation System – Repair Pipe Or Tube – 10 Or Greater Per location	EA	\$75.19	\$15.90	\$0.00	\$91.09
115137	Irrigation System – Replace Pop Up Head – Less than 5 Per head	EA	\$32.22	\$19.30	\$0.00	\$51.52
115138	Irrigation System – Replace Pop Up Head – Greater Than 5 But Less Than 10 Per head	EA	\$25.06	\$19.30	\$0.00	\$44.36
115139	Irrigation System – Replace Pop Up Head – 10 or Greater Per head	EA	\$20.50	\$19.30	\$0.00	\$39.80
115140	Irrigation System – Replace Controller	EA	\$1,127.84	\$157.93	\$0.00	\$1,285.77
115141	Irrigation System – Replace Control Valve	EA	\$32.22	\$93.28	\$0.00	\$125.50
32-81-00 Irrigation Components						
32-81-13 Irrigation Intake Screens						
115142	10,000 Gallon Irrigation Water Storage Tank Steel	EA	\$2,353.18	\$13,530.90	\$0.00	\$15,884.08
115143	Irrigation Water Storage Tank Accessories Includes Level Indicator, Float Valve, Drain Valve, Fittings, etc.	EA	\$1,421.71	\$2,791.51	\$0.00	\$4,213.22
115144	Irrigation Water Storage Tank Remote Level Monitoring Includes Controller, Solar Panel, Antenna and Submersible Pressure Gauge	EA	\$1,054.02	\$2,380.71	\$0.00	\$3,434.73
115145	1-1/2" Irrigation Water Sand Separator System Includes Purge/Isolation Kit, Valve, Actuator, Supports and Gauges	EA	\$653.66	\$7,009.25	\$0.00	\$7,662.91
32-82-00 Irrigation Pumps						

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		Units	Labor	Material	Equipment	Total
32-82-13 Irrigation Pumps						
115146	3 HP Simplex Packaged Irrigation Water Booster Pump Prefabricated System Including Pump, Piping, Valves, Specialties, Weather Resistant Enclosure and Control Panel.	EA	\$1,176.59	\$11,580.50	\$0.00	\$12,757.09
115147	5 HP Simplex Packaged Irrigation Water Booster Pump Prefabricated System Including Pump, Piping, Valves, Specialties, Weather Resistant Enclosure and Control Panel.	EA	\$784.39	\$12,068.10	\$0.00	\$12,852.49
115148	7-1/2 HP Simplex Packaged Irrigation Water Booster Pump Prefabricated System Including Pump, Piping, Valves, Specialties, Weather Resistant Enclosure and Control Panel.	EA	\$784.39	\$14,262.30	\$0.00	\$15,046.69
32-84-00 Planting Irrigation						
32-84-23 Underground Sprinklers						
115149	1/2" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.08	\$0.63	\$0.00	\$4.71
115150	3/4" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.08	\$0.73	\$0.00	\$4.81
115151	1" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.08	\$1.17	\$0.00	\$5.25
115152	1-1/4" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.90	\$1.45	\$0.00	\$6.35
115153	1-1/2" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.90	\$1.71	\$0.00	\$6.61
115154	2" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.90	\$2.29	\$0.00	\$7.19
115155	2-1/2" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$4.90	\$4.62	\$0.00	\$9.52
115156	3" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$5.72	\$6.23	\$0.00	\$11.95
115157	4" Irrigation Water Pipe - PVC, Schedule 40, Solid Wall, Solvent Cement	LF	\$8.18	\$11.76	\$0.00	\$19.94
115158	1/2" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$16.34	\$0.61	\$0.00	\$16.95
115159	3/4" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$16.34	\$0.68	\$0.00	\$17.02
115160	1" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$15.52	\$1.27	\$0.00	\$16.79
115161	1-1/4" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$18.79	\$2.12	\$0.00	\$20.91

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		Units	Labor	Material	Equipment	Total
115162	1-1/2" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$22.06	\$2.39	\$0.00	\$24.45
115163	2" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$22.87	\$3.63	\$0.00	\$26.50
115164	2-1/2" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$27.78	\$11.40	\$0.00	\$39.18
115165	3" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$33.50	\$14.16	\$0.00	\$47.66
115166	4" Irrigation Water Fitting - PVC, Schedule 40, Solvent Cement	EA	\$70.26	\$25.45	\$0.00	\$95.71
115167	1/2" Irrigation Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$4.08	\$0.83	\$0.00	\$4.91
115168	3/4" Irrigation Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$4.08	\$1.16	\$0.00	\$5.24
115169	1" Irrigation Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$4.90	\$1.71	\$0.00	\$6.61
115170	1-1/4" Irrigation Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$4.90	\$2.46	\$0.00	\$7.36
115171	1-1/2" Irrigation Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$4.90	\$2.66	\$0.00	\$7.56
115172	2" Irrigation Water Pipe - PVC, Schedule 80, Solid Wall, Solvent Cement	LF	\$4.90	\$3.79	\$0.00	\$8.69
115173	1/2" Irrigation Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$16.34	\$8.51	\$0.00	\$24.85
115174	3/4" Irrigation Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$16.34	\$9.76	\$0.00	\$26.10
115175	1" Irrigation Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$16.34	\$13.84	\$0.00	\$30.18
115176	1-1/4" Irrigation Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$18.79	\$27.66	\$0.00	\$46.45
115177	1-1/2" Irrigation Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$22.06	\$28.41	\$0.00	\$50.47
115178	2" Irrigation Water Fitting - PVC, Schedule 80, Solvent Cement	EA	\$22.87	\$35.08	\$0.00	\$57.95

32-90-00 Planting

32-91-00 Planting Preparation

32-91-19 Landscape Grading

115179	Import Topsoil Includes loading and hauling	CY	\$4.21	\$24.43	\$0.00	\$28.64
115180	Import Topsoil – From Stockpile Includes loading and hauling	CY	\$4.21	\$0.00	\$0.00	\$4.21
115181	Spread Topsoil (Hand) No machine access. Includes rolling	CY	\$33.82	\$0.00	\$0.00	\$33.82
115182	Spread Topsoil (Machine) Includes rolling	CY	\$14.05	\$0.00	\$0.00	\$14.05

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		Units	Labor	Material	Equipment	Total
115183	Structural Soil Includes rolling	CY	\$17.07	\$92.75	\$0.00	\$109.82
115184	Planting Bed Preparation Includes removing weeds, removing debris, and preparing soil for planting/landscape surfacing	SY	\$0.56	\$0.11	\$0.00	\$0.67
115185	[Modifier Soil Amendments] Includes all soil adjusting admixtures including, but not limited to lime, sand, perlite, loam, fertilizer, vermiculite, and aluminum sulfate	CY	\$0.00	\$7.42	\$0.00	\$7.42
115186	[Modifier] Quantity Premium - Landscape Grading (31-50 CY) Quantity premium can be used when total cubic yardage in section 32-91-19 Landscape Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$12.63	\$0.00	\$0.00	\$12.63
115187	[Modifier] Quantity Premium - Landscape Grading (11-30 CY) Quantity premium can be used when total cubic yardage in section 32-91-19 Landscape Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$21.06	\$0.00	\$0.00	\$21.06
115188	[Modifier] Quantity Premium - Landscape Grading (< or = to 10 CY) Quantity premium can be used when total cubic yardage in section 32-91-19 Landscape Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$63.16	\$0.00	\$0.00	\$63.16

32-92-00 Turf and Grasses

32-92-19 Seeding

115189	Seeding – St. Augustine Or Equal Includes Seed, fertilizer, and straw cover or equal	SY	\$0.21	\$0.37	\$0.00	\$0.58
115190	Seeding – Bluegrass Or Equal Includes Seed, fertilizer, and straw cover or equal	SY	\$0.21	\$0.27	\$0.00	\$0.48
115191	Seeding – Fescue / Rye Or Equal Includes Seed, fertilizer, and straw cover or equal	SY	\$0.21	\$0.21	\$0.00	\$0.42
115192	Seeding – Wild Flower Mix Or Equal Includes Seed, fertilizer, and straw cover or equal	SY	\$0.21	\$0.16	\$0.00	\$0.37
115193	Hydroseeding – St. Augustine Or Equal Includes Seed, fertilizer, wood fiber, and binder	SY	\$0.25	\$0.37	\$0.10	\$0.72

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		Units	Labor	Material	Equipment	Total
115194	Hydroseeding – Bluegrass Or Equal Includes Seed, fertilizer, wood fiber, and binder	SY	\$0.25	\$0.27	\$0.10	\$0.62
115195	Hydroseeding – Fescue / Rye Or Equal Includes Seed, fertilizer, wood fiber, and binder	SY	\$0.25	\$0.21	\$0.10	\$0.56
115196	Hydroseeding – Wild Flower Mix Or Equal Includes Seed, fertilizer, wood fiber, and binder	SY	\$0.25	\$0.16	\$0.10	\$0.51
115197	[Modifier] Seeding Less Than 500 SY Quantity premium can be used when total square yardage in section 32-92-19 Seeding are within stated quantities. Can be applied cumulatively to base line items.	SY	\$0.90	\$0.00	\$0.00	\$0.90

32-92-23 Sodding

115198	Sod – St. Augustine Or Equal Includes Sod and fertilizer	SY	\$4.51	\$5.24	\$0.00	\$9.75
115199	Sod – Bluegrass Or Equal Includes Sod and fertilizer	SY	\$4.51	\$4.29	\$0.00	\$8.80
115200	Sod – Fescue /Rye Or Equal Includes Sod and fertilizer	SY	\$4.51	\$3.82	\$0.00	\$8.33
115201	Sod – Wild Flower Mix Or Equal Includes Sod and fertilizer	SY	\$4.51	\$3.34	\$0.00	\$7.85
115202	[Modifier] Sod Less Than 500 SY Quantity premium can be used when total square yardage in section 32-92-23 Sodding are within stated quantities. Can be applied cumulatively to base line items.	SY	\$0.90	\$0.00	\$0.00	\$0.90

32-93-00 Plants

32-93-13 Ground Covers

Includes delivery, excavation, backfill with suitable soils, and fertilizing

115203	Juniper – Up To 1 Gallon	EA	\$11.28	\$5.30	\$0.00	\$16.58
115204	Juniper – Up To 5 Gallon	EA	\$15.04	\$14.84	\$0.00	\$29.88
115205	Juniper – Up To 15 Gallon	EA	\$30.07	\$47.70	\$0.00	\$77.77
115206	Rosmarinus – Up To 1 Gallon	EA	\$11.28	\$4.24	\$0.00	\$15.52
115207	Rosmarinus – Up To 5 Gallon	EA	\$15.04	\$10.61	\$0.00	\$25.65
115208	Rosmarinus – Up To 15 Gallon	EA	\$30.07	\$41.34	\$0.00	\$71.41
115209	Vinca – Up To 1 Gallon	EA	\$11.28	\$5.30	\$0.00	\$16.58
115210	Vinca – Up To 5 Gallon	EA	\$15.04	\$14.84	\$0.00	\$29.88
115211	Vinca – Per Flat	FLAT	\$72.19	\$18.02	\$0.00	\$90.21
115212	Drosanthemum – Per Flat	FLAT	\$72.19	\$10.61	\$0.00	\$82.80
115213	Grevillea – Up To 1 Gallon	EA	\$11.28	\$7.42	\$0.00	\$18.70
115214	Grevillea – Up To 5 Gallon	EA	\$15.04	\$19.08	\$0.00	\$34.12
115215	Grevillea – Up To 15 Gallon	EA	\$30.07	\$58.30	\$0.00	\$88.37
115216	Lampranthus – Per Flat	FLAT	\$72.19	\$10.61	\$0.00	\$82.80
115217	Malephora – Per Flat	FLAT	\$72.19	\$13.77	\$0.00	\$85.96
115218	Sedum – Per Flat	FLAT	\$72.19	\$13.77	\$0.00	\$85.96

32-93-33 Shrubs

Includes delivery, excavation, backfill with suitable soils, and fertilizing

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		Units	Labor	Material	Equipment	Total
115219	Western Redbud – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115220	Western Redbud – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115221	Western Redbud – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115222	Bladderpod – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115223	Bladderpod – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115224	Bladderpod – Up To 15 Gallon	EA	\$15.70	\$68.90	\$0.00	\$84.60
115225	Toyon – Up To 1 Gallon	EA	\$9.42	\$8.48	\$0.00	\$17.90
115226	Toyon – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115227	Toyon – Up To 15 Gallon	EA	\$15.70	\$74.20	\$0.00	\$89.90
115228	Torrey Pine – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115229	Torrey Pine – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115230	Torrey Pine – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115231	Western Sycamore – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115232	Western Sycamore – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115233	Western Sycamore – Up To 15 Gallon	EA	\$15.70	\$51.94	\$0.00	\$67.64
115234	Holly Leaf Cherry – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115235	Holly Leaf Cherry – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115236	Holly Leaf Cherry – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115237	Coast Live Oak – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115238	Coast Live Oak – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115239	Coast Live Oak – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115240	Engelmann Oak – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115241	Engelmann Oak – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115242	Engelmann Oak – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115243	Valley Oak – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115244	Valley Oak – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115245	Valley Oak – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115246	Cordyline – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115247	Cordyline – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115248	Cordyline – Up To 15 Gallon	EA	\$15.70	\$51.94	\$0.00	\$67.64
115249	Bougainvillea – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115250	Bougainvillea – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115251	Bougainvillea – Up To 15 Gallon	EA	\$15.70	\$51.94	\$0.00	\$67.64
115252	Mandevilla – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115253	Mandevilla – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115254	Mandevilla – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115255	Agave – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115256	Agave – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115257	Agave – Up To 15 Gallon	EA	\$15.70	\$132.51	\$0.00	\$148.21
115258	Lavender – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115259	Lavender – Up To 5 Gallon	EA	\$11.78	\$14.84	\$0.00	\$26.62
115260	Lavender – Up To 15 Gallon	EA	\$15.70	\$47.70	\$0.00	\$63.40
115261	Dianella – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115262	Dianella – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115263	Dianella – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115264	Aloe – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115265	Aloe – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28

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		Units	Labor	Material	Equipment	Total
115266	Aloe – Up To 15 Gallon	EA	\$15.70	\$79.50	\$0.00	\$95.20
115267	Star Jasmine – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115268	Star Jasmine – Up To 5 Gallon	EA	\$11.78	\$14.84	\$0.00	\$26.62
115269	Star Jasmine – Up To 15 Gallon	EA	\$15.70	\$51.94	\$0.00	\$67.64
115270	Bird Of Paradise – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115271	Bird Of Paradise – Up To 5 Gallon	EA	\$11.78	\$14.84	\$0.00	\$26.62
115272	Bird Of Paradise – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115273	Honeysuckle – Up To 1 Gallon	EA	\$9.42	\$4.24	\$0.00	\$13.66
115274	Honeysuckle – Up To 5 Gallon	EA	\$11.78	\$10.61	\$0.00	\$22.39
115275	Honeysuckle – Up To 15 Gallon	EA	\$15.70	\$41.34	\$0.00	\$57.04
115276	Buddleja – Up To 1 Gallon	EA	\$9.42	\$4.24	\$0.00	\$13.66
115277	Buddleja – Up To 5 Gallon	EA	\$11.78	\$10.61	\$0.00	\$22.39
115278	Buddleja – Up To 15 Gallon	EA	\$15.70	\$47.70	\$0.00	\$63.40
115279	Cistus – Up To 1 Gallon	EA	\$9.42	\$4.24	\$0.00	\$13.66
115280	Cistus – Up To 5 Gallon	EA	\$11.78	\$10.61	\$0.00	\$22.39
115281	Cistus – Up To 15 Gallon	EA	\$15.70	\$41.34	\$0.00	\$57.04
115282	Eucalyptus – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115283	Eucalyptus – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115284	Eucalyptus – Up To 15 Gallon	EA	\$15.70	\$62.53	\$0.00	\$78.23
115285	Gaura – Up To 1 Gallon	EA	\$9.42	\$4.24	\$0.00	\$13.66
115286	Gaura – Up To 5 Gallon	EA	\$11.78	\$10.61	\$0.00	\$22.39
115287	Lantana – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115288	Lantana – Up To 5 Gallon	EA	\$11.78	\$14.84	\$0.00	\$26.62
115289	Lonicera – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115290	Lonicera – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115291	Lonicera – Up To 15 Gallon	EA	\$15.70	\$51.94	\$0.00	\$67.64
115292	Nandina – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115293	Nandina – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115294	Nandina – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115295	Nerium – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115296	Nerium – Up To 5 Gallon	EA	\$11.78	\$14.84	\$0.00	\$26.62
115297	Nerium – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115298	Pennisetum – Up To 1 Gallon	EA	\$9.42	\$5.30	\$0.00	\$14.72
115299	Pennisetum – Up To 5 Gallon	EA	\$11.78	\$14.84	\$0.00	\$26.62
115300	Pennisetum – Up To 15 Gallon	EA	\$15.70	\$41.34	\$0.00	\$57.04
115301	Phormium – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115302	Phormium – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115303	Phormium – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115304	Sedum – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115305	Sedum – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115306	Wisteria – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115307	Wisteria – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115308	Wisteria – Up To 15 Gallon	EA	\$15.70	\$83.75	\$0.00	\$99.45
115309	Yucca – Up To 1 Gallon	EA	\$9.42	\$7.42	\$0.00	\$16.84
115310	Yucca – Up To 5 Gallon	EA	\$11.78	\$19.08	\$0.00	\$30.86
115311	Yucca – Up To 15 Gallon	EA	\$15.70	\$58.30	\$0.00	\$74.00
115312	Alberta Spruce – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115313	Alberta Spruce – Up To 2 Gallon	EA	\$9.81	\$16.79	\$0.00	\$26.60
115314	Alberta Spruce – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115315	Alberta Spruce – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115316	Alberta Spruce – Up To 7 Gallon	EA	\$13.46	\$49.47	\$0.00	\$62.93
115317	American Hazelnut – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115318	American Hazelnut – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115319	American Hazelnut – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19

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		Units	Labor	Material	Equipment	Total
115320	American Hazelnut – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115321	American Hazelnut – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115322	Arborvitae – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115323	Arborvitae – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115324	Arborvitae – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115325	Arborvitae – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115326	Arborvitae – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115327	Azalea – Up To 1 Gallon	EA	\$9.42	\$7.07	\$0.00	\$16.49
115328	Azalea – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115329	Azalea – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115330	Azalea – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115331	Azalea – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115332	Blackhaw – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115333	Blackhaw – Up To 2 Gallon	EA	\$9.81	\$18.55	\$0.00	\$28.36
115334	Blackhaw – Up To 3 Gallon	EA	\$10.46	\$26.50	\$0.00	\$36.96
115335	Blackhaw – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115336	Blackhaw – Up To 7 Gallon	EA	\$13.46	\$47.70	\$0.00	\$61.16
115337	Blue Spruce – Up To 1 Gallon	EA	\$9.42	\$21.20	\$0.00	\$30.62
115338	Blue Spruce – Up To 2 Gallon	EA	\$9.81	\$31.80	\$0.00	\$41.61
115339	Blue Spruce – Up To 3 Gallon	EA	\$10.46	\$42.40	\$0.00	\$52.86
115340	Blue Spruce – Up To 5 Gallon	EA	\$11.78	\$63.60	\$0.00	\$75.38
115341	Blue Spruce – Up To 7 Gallon	EA	\$13.46	\$84.79	\$0.00	\$98.25
115342	Blueberry – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115343	Blueberry – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115344	Blueberry – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115345	Blueberry – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115346	Blueberry – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115347	Boxwood – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115348	Boxwood – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115349	Boxwood – Up To 3 Gallon	EA	\$10.46	\$26.50	\$0.00	\$36.96
115350	Boxwood – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115351	Boxwood – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115352	Camellia – Up To 1 Gallon	EA	\$9.42	\$15.90	\$0.00	\$25.32
115353	Camellia – Up To 2 Gallon	EA	\$9.81	\$22.97	\$0.00	\$32.78
115354	Camellia – Up To 3 Gallon	EA	\$10.46	\$30.04	\$0.00	\$40.50
115355	Camellia – Up To 5 Gallon	EA	\$11.78	\$38.86	\$0.00	\$50.64
115356	Camellia – Up To 7 Gallon	EA	\$13.46	\$49.47	\$0.00	\$62.93
115357	Chokeberry – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115358	Chokeberry – Up To 2 Gallon	EA	\$9.81	\$15.02	\$0.00	\$24.83
115359	Chokeberry – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115360	Chokeberry – Up To 5 Gallon	EA	\$11.78	\$28.27	\$0.00	\$40.05
115361	Chokeberry – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115362	Coneflower – Up To 1 Gallon	EA	\$9.42	\$7.07	\$0.00	\$16.49
115363	Coneflower – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115364	Coneflower – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115365	Coneflower – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115366	Coneflower – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115367	Crape Myrtle – Up To 1 Gallon	EA	\$9.42	\$14.13	\$0.00	\$23.55
115368	Crape Myrtle – Up To 2 Gallon	EA	\$9.81	\$21.20	\$0.00	\$31.01
115369	Crape Myrtle – Up To 3 Gallon	EA	\$10.46	\$28.27	\$0.00	\$38.73
115370	Crape Myrtle – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115371	Crape Myrtle – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115372	Cypress – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115373	Cypress – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115374	Cypress – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115375	Cypress – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115376	Cypress – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115377	Willow – Up To 1 Gallon	EA	\$9.42	\$15.90	\$0.00	\$25.32

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		Units	Labor	Material	Equipment	Total
115378	Willow – Up To 2 Gallon	EA	\$9.81	\$23.86	\$0.00	\$33.67
115379	Willow – Up To 3 Gallon	EA	\$10.46	\$31.80	\$0.00	\$42.26
115380	Willow – Up To 5 Gallon	EA	\$11.78	\$45.93	\$0.00	\$57.71
115381	Willow – Up To 7 Gallon	EA	\$13.46	\$77.74	\$0.00	\$91.20
115382	Dogwood – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115383	Dogwood – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115384	Dogwood – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115385	Dogwood – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115386	Dogwood – Up To 7 Gallon	EA	\$13.46	\$44.16	\$0.00	\$57.62
115387	Elderberry – Up To 1 Gallon	EA	\$9.42	\$14.13	\$0.00	\$23.55
115388	Elderberry – Up To 2 Gallon	EA	\$9.81	\$21.20	\$0.00	\$31.01
115389	Elderberry – Up To 3 Gallon	EA	\$10.46	\$28.27	\$0.00	\$38.73
115390	Elderberry – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115391	Elderberry – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115392	Euonymus – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115393	Euonymus – Up To 2 Gallon	EA	\$9.81	\$13.25	\$0.00	\$23.06
115394	Euonymus – Up To 3 Gallon	EA	\$10.46	\$17.66	\$0.00	\$28.12
115395	Euonymus – Up To 5 Gallon	EA	\$11.78	\$26.50	\$0.00	\$38.28
115396	Euonymus – Up To 7 Gallon	EA	\$13.46	\$35.33	\$0.00	\$48.79
115397	Hibiscus – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115398	Hibiscus – Up To 2 Gallon	EA	\$9.81	\$16.79	\$0.00	\$26.60
115399	Hibiscus – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115400	Hibiscus – Up To 5 Gallon	EA	\$11.78	\$30.04	\$0.00	\$41.82
115401	Hibiscus – Up To 7 Gallon	EA	\$13.46	\$44.16	\$0.00	\$57.62
115402	Holly – Up To 1 Gallon	EA	\$9.42	\$12.36	\$0.00	\$21.78
115403	Holly – Up To 2 Gallon	EA	\$9.81	\$19.43	\$0.00	\$29.24
115404	Holly – Up To 3 Gallon	EA	\$10.46	\$26.50	\$0.00	\$36.96
115405	Holly – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115406	Holly – Up To 7 Gallon	EA	\$13.46	\$47.70	\$0.00	\$61.16
115407	Hydrangea – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115408	Hydrangea – Up To 2 Gallon	EA	\$9.81	\$18.55	\$0.00	\$28.36
115409	Hydrangea – Up To 3 Gallon	EA	\$10.46	\$26.50	\$0.00	\$36.96
115410	Hydrangea – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115411	Hydrangea – Up To 7 Gallon	EA	\$13.46	\$47.70	\$0.00	\$61.16
115412	Japanese Maple – Up To 1 Gallon	EA	\$9.42	\$31.80	\$0.00	\$41.22
115413	Japanese Maple – Up To 2 Gallon	EA	\$9.81	\$46.82	\$0.00	\$56.63
115414	Japanese Maple – Up To 3 Gallon	EA	\$10.46	\$61.83	\$0.00	\$72.29
115415	Japanese Maple – Up To 5 Gallon	EA	\$11.78	\$81.27	\$0.00	\$93.05
115416	Japanese Maple – Up To 7 Gallon	EA	\$13.46	\$106.00	\$0.00	\$119.46
115417	Juniper – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115418	Juniper – Up To 2 Gallon	EA	\$9.81	\$13.25	\$0.00	\$23.06
115419	Juniper – Up To 3 Gallon	EA	\$10.46	\$17.66	\$0.00	\$28.12
115420	Juniper – Up To 5 Gallon	EA	\$11.78	\$24.73	\$0.00	\$36.51
115421	Juniper – Up To 7 Gallon	EA	\$13.46	\$35.33	\$0.00	\$48.79
115422	Laurel – Up To 1 Gallon	EA	\$9.42	\$14.13	\$0.00	\$23.55
115423	Laurel – Up To 2 Gallon	EA	\$9.81	\$21.20	\$0.00	\$31.01
115424	Laurel – Up To 3 Gallon	EA	\$10.46	\$28.27	\$0.00	\$38.73
115425	Laurel – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115426	Laurel – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115427	Lilac – Up To 1 Gallon	EA	\$9.42	\$14.13	\$0.00	\$23.55
115428	Lilac – Up To 2 Gallon	EA	\$9.81	\$21.20	\$0.00	\$31.01
115429	Lilac – Up To 3 Gallon	EA	\$10.46	\$28.27	\$0.00	\$38.73
115430	Lilac – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115431	Lilac – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115432	Mugo Pine – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03

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		Units	Labor	Material	Equipment	Total
115433	Mugo Pine – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115434	Mugo Pine – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115435	Mugo Pine – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115436	Mugo Pine – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115437	New Jersey Tea – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115438	New Jersey Tea – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115439	New Jersey Tea – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115440	New Jersey Tea – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115441	New Jersey Tea – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115442	Ninebark – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115443	Ninebark – Up To 2 Gallon	EA	\$9.81	\$15.02	\$0.00	\$24.83
115444	Ninebark – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115445	Ninebark – Up To 5 Gallon	EA	\$11.78	\$28.27	\$0.00	\$40.05
115446	Ninebark – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115447	Peony – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115448	Peony – Up To 2 Gallon	EA	\$9.81	\$16.79	\$0.00	\$26.60
115449	Peony – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115450	Peony – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115451	Peony – Up To 7 Gallon	EA	\$13.46	\$49.47	\$0.00	\$62.93
115452	Pieris – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115453	Pieris – Up To 2 Gallon	EA	\$9.81	\$16.79	\$0.00	\$26.60
115454	Pieris – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115455	Pieris – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115456	Pieris – Up To 7 Gallon	EA	\$13.46	\$49.47	\$0.00	\$62.93
115457	Potentilla – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115458	Potentilla – Up To 2 Gallon	EA	\$9.81	\$15.02	\$0.00	\$24.83
115459	Potentilla – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115460	Potentilla – Up To 5 Gallon	EA	\$11.78	\$28.27	\$0.00	\$40.05
115461	Potentilla – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115462	Chokeberry – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115463	Chokeberry – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115464	Chokeberry – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115465	Chokeberry – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115466	Chokeberry – Up To 7 Gallon	EA	\$13.46	\$44.16	\$0.00	\$57.62
115467	Rose of Sharon – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115468	Rose of Sharon – Up To 2 Gallon	EA	\$9.81	\$15.02	\$0.00	\$24.83
115469	Rose of Sharon – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115470	Rose of Sharon – Up To 5 Gallon	EA	\$11.78	\$28.27	\$0.00	\$40.05
115471	Rose of Sharon – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115472	Rosebay – Up To 1 Gallon	EA	\$9.42	\$17.66	\$0.00	\$27.08
115473	Rosebay – Up To 2 Gallon	EA	\$9.81	\$22.97	\$0.00	\$32.78
115474	Rosebay – Up To 3 Gallon	EA	\$10.46	\$28.27	\$0.00	\$38.73
115475	Rosebay – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115476	Rosebay – Up To 7 Gallon	EA	\$13.46	\$65.36	\$0.00	\$78.82
115477	Ruby – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115478	Ruby – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115479	Ruby – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115480	Ruby – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115481	Ruby – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115482	Salvia – Up To 1 Gallon	EA	\$9.42	\$7.07	\$0.00	\$16.49
115483	Salvia – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115484	Salvia – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115485	Salvia – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115486	Salvia – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115487	Sand Cherry – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26

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		Units	Labor	Material	Equipment	Total
115488	Sand Cherry – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115489	Sand Cherry – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115490	Sand Cherry – Up To 5 Gallon	EA	\$11.78	\$30.04	\$0.00	\$41.82
115491	Sand Cherry – Up To 7 Gallon	EA	\$13.46	\$40.63	\$0.00	\$54.09
115492	Shrub Rose – Up To 1 Gallon	EA	\$9.42	\$15.90	\$0.00	\$25.32
115493	Shrub Rose – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115494	Shrub Rose – Up To 3 Gallon	EA	\$10.46	\$19.43	\$0.00	\$29.89
115495	Shrub Rose – Up To 5 Gallon	EA	\$11.78	\$21.20	\$0.00	\$32.98
115496	Shrub Rose – Up To 7 Gallon	EA	\$13.46	\$24.73	\$0.00	\$38.19
115497	Rhododendron – Up To 1 Gallon	EA	\$9.42	\$14.13	\$0.00	\$23.55
115498	Rhododendron – Up To 2 Gallon	EA	\$9.81	\$21.20	\$0.00	\$31.01
115499	Rhododendron – Up To 3 Gallon	EA	\$10.46	\$28.27	\$0.00	\$38.73
115500	Rhododendron – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115501	Rhododendron – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115502	Smoke Bush – Up To 1 Gallon	EA	\$9.42	\$15.90	\$0.00	\$25.32
115503	Smoke Bush – Up To 2 Gallon	EA	\$9.81	\$22.97	\$0.00	\$32.78
115504	Smoke Bush – Up To 3 Gallon	EA	\$10.46	\$30.04	\$0.00	\$40.50
115505	Smoke Bush – Up To 5 Gallon	EA	\$11.78	\$37.09	\$0.00	\$48.87
115506	Smoke Bush – Up To 7 Gallon	EA	\$13.46	\$47.70	\$0.00	\$61.16
115507	Spicebush – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115508	Spicebush – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115509	Spicebush – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115510	Spicebush – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115511	Spicebush – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115512	Spirea – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115513	Spirea – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115514	Spirea – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115515	Spirea – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115516	Spirea – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115517	Viburnum – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115518	Viburnum – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115519	Viburnum – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115520	Viburnum – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115521	Viburnum – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
115522	Weigela – Up To 1 Gallon	EA	\$9.42	\$8.84	\$0.00	\$18.26
115523	Weigela – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115524	Weigela – Up To 3 Gallon	EA	\$10.46	\$22.97	\$0.00	\$33.43
115525	Weigela – Up To 5 Gallon	EA	\$11.78	\$35.33	\$0.00	\$47.11
115526	Weigela – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115527	Winterberry – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115528	Winterberry – Up To 2 Gallon	EA	\$9.81	\$17.66	\$0.00	\$27.47
115529	Winterberry – Up To 3 Gallon	EA	\$10.46	\$24.73	\$0.00	\$35.19
115530	Winterberry – Up To 5 Gallon	EA	\$11.78	\$33.57	\$0.00	\$45.35
115531	Winterberry – Up To 7 Gallon	EA	\$13.46	\$45.93	\$0.00	\$59.39
115532	Yew – Up To 1 Gallon	EA	\$9.42	\$10.61	\$0.00	\$20.03
115533	Yew – Up To 2 Gallon	EA	\$9.81	\$15.90	\$0.00	\$25.71
115534	Yew – Up To 3 Gallon	EA	\$10.46	\$21.20	\$0.00	\$31.66
115535	Yew – Up To 5 Gallon	EA	\$11.78	\$31.80	\$0.00	\$43.58
115536	Yew – Up To 7 Gallon	EA	\$13.46	\$42.40	\$0.00	\$55.86
32-93-36 Ornamental Grasses and Perennials						
<i>Includes delivery, excavation, backfill with suitable soils, and fertilizing</i>						
115537	Alumroot Obsidian – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115538	Alumroot Obsidian – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115539	Beardtongue – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115540	Beardtongue – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115541	Bee Balm – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115542	Bee Balm – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09

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		Units	Labor	Material	Equipment	Total
115543	Big Bluestem Grass – Up To 1 Gallon	EA	\$7.24	\$10.61	\$0.00	\$17.85
115544	Big Bluestem Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115545	Black-Eyed Susan – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115546	Black-Eyed Susan – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115547	Blazing Star – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115548	Blazing Star – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115549	Blue Grama Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115550	Blue Grama Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115551	Butterfly-Weed – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115552	Butterfly-Weed – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115553	Cardinal Flower – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115554	Cardinal Flower – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115555	Columbine – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115556	Columbine – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115557	Culver's Root – Up To 1 Gallon	EA	\$7.24	\$5.30	\$0.00	\$12.54
115558	Culver's Root – Up To 2 Gallon	EA	\$7.48	\$8.84	\$0.00	\$16.32
115559	Dwarf Pampas Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115560	Dwarf Pampas Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115561	Feather Reed Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115562	Feather Reed Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115563	Forest Grass – Up To 1 Gallon	EA	\$7.24	\$10.61	\$0.00	\$17.85
115564	Forest Grass – Up To 2 Gallon	EA	\$7.48	\$19.43	\$0.00	\$26.91
115565	Fountain Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115566	Fountain Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115567	Gaura – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115568	Gaura – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115569	Goldenrods – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115570	Goldenrods – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115571	Indian Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115572	Indian Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115573	Jacob's Ladder – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115574	Jacob's Ladder – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115575	Joe Pye Weed – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115576	Joe Pye Weed – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115577	Little Bluestem Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115578	Little Bluestem Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115579	Lobelia – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115580	Lobelia – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115581	Mountain Mint – Up To 1 Gallon	EA	\$7.24	\$5.30	\$0.00	\$12.54
115582	Mountain Mint – Up To 2 Gallon	EA	\$7.48	\$8.84	\$0.00	\$16.32
115583	New England Aster – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115584	New England Aster – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115585	Oxeye Sunflower – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115586	Oxeye Sunflower – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09

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		Units	Labor	Material	Equipment	Total
115587	Phlox – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115588	Phlox – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115589	Stonecrop – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115590	Stonecrop – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115591	Sundrops – Up To 1 Gallon	EA	\$7.24	\$5.30	\$0.00	\$12.54
115592	Sundrops – Up To 2 Gallon	EA	\$7.48	\$8.84	\$0.00	\$16.32
115593	Swamp Milkweed – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115594	Swamp Milkweed – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115595	Switch Grass – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115596	Switch Grass – Up To 2 Gallon	EA	\$7.48	\$17.66	\$0.00	\$25.14
115597	Virginia Bluebells – Up To 1 Gallon	EA	\$7.24	\$12.36	\$0.00	\$19.60
115598	Virginia Bluebells – Up To 2 Gallon	EA	\$7.48	\$15.90	\$0.00	\$23.38
115599	Virginia Creeper – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115600	Virginia Creeper – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115601	White Snakeroot – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115602	White Snakeroot – Up To 2 Gallon	EA	\$7.48	\$10.61	\$0.00	\$18.09
115603	White Wood Aster – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115604	White Wood Aster – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115605	Wild Bergamot – Up To 1 Gallon	EA	\$7.24	\$8.84	\$0.00	\$16.08
115606	Wild Bergamot – Up To 2 Gallon	EA	\$7.48	\$12.36	\$0.00	\$19.84
115607	Hosta – Up To 1 Gallon	EA	\$7.24	\$5.30	\$0.00	\$12.54
115608	Daylilly – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115609	Sedum – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115610	Geranium – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115611	Fern – Up To 1 Gallon	EA	\$7.24	\$7.07	\$0.00	\$14.31
115612	Liriope – Up To 1 Gallon	EA	\$7.24	\$4.22	\$0.00	\$11.46
115613	Lavender – Up To 1 Gallon	EA	\$7.24	\$8.11	\$0.00	\$15.35
115614	Iris – Up To 1 Gallon	EA	\$7.24	\$8.11	\$0.00	\$15.35

32-93-43 Trees

Includes delivery, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing

115615	Fern Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115616	Fern Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115617	Fern Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115618	Red Shanks – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115619	Red Shanks – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115620	Red Shanks – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115621	Century Plant – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115622	Century Plant – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115623	Century Plant – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115624	Peppermint Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115625	Peppermint Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115626	Peppermint Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115627	Silk Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115628	Silk Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115629	Silk Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24

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		Units	Labor	Material	Equipment	Total
115630	Norfolk Island Pine, Star Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115631	Norfolk Island Pine, Star Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115632	Norfolk Island Pine, Star Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115633	Marina Strawberry Tree – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115634	Marina Strawberry Tree – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115635	Marina Strawberry Tree – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115636	Yew Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115637	Yew Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115638	Yew Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115639	Argentine Mesquite – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115640	Argentine Mesquite – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115641	Argentine Mesquite – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115642	Phoenix Mesquite – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115643	Phoenix Mesquite – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115644	Phoenix Mesquite – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115645	Coast Live Oak – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115646	Coast Live Oak – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115647	Coast Live Oak – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115648	Carolina Laurel Cherry – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115649	Carolina Laurel Cherry – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115650	Carolina Laurel Cherry – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115651	Catalina Cherry – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115652	Catalina Cherry – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115653	Catalina Cherry – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115654	Aristocrat Flowering Pear – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115655	Aristocrat Flowering Pear – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115656	Aristocrat Flowering Pear – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115657	Chanticleer Flowering Pear – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115658	Chanticleer Flowering Pear – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115659	Chanticleer Flowering Pear – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115660	Engelmann Oak, Mesa Oak – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115661	Engelmann Oak, Mesa Oak – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115662	Engelmann Oak, Mesa Oak – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115663	California Black Oak – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76

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		Units	Labor	Material	Equipment	Total
115664	California Black Oak – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115665	California Black Oak – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115666	Valley Oak – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115667	Valley Oak – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115668	Valley Oak – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115669	Soapbark Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115670	Soapbark Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115671	Soapbark Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115672	African Sumac – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115673	African Sumac – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115674	African Sumac – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115675	Tipu – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115676	Tipu – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115677	Tipu – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115678	Swan Hill Olive – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115679	Swan Hill Olive – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115680	Swan Hill Olive – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115681	Strawberry Tree – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115682	Strawberry Tree – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115683	Strawberry Tree – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115684	Purple Orchid Tree – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115685	Purple Orchid Tree – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115686	Purple Orchid Tree – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115687	White Orchid Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115688	White Orchid Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115689	White Orchid Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115690	Hong Kong Orchid – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115691	Hong Kong Orchid – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115692	Hong Kong Orchid – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115693	Lemon Bottlebrush – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115694	Lemon Bottlebrush – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115695	Lemon Bottlebrush – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115696	White Bottlebrush – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115697	White Bottlebrush – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115698	White Bottlebrush – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115699	Weeping Bottlebrush – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115700	Weeping Bottlebrush – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115701	Weeping Bottlebrush – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115702	Blue Atlas Cedar – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76

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		Units	Labor	Material	Equipment	Total
115703	Blue Atlas Cedar – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115704	Blue Atlas Cedar – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115705	Deodar Cedar – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115706	Deodar Cedar – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115707	Deodar Cedar – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115708	Cedar Of Lebanon – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115709	Cedar Of Lebanon – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115710	Cedar Of Lebanon – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115711	European Hackberry – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115712	European Hackberry – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115713	European Hackberry – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115714	Eastern Redbud – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115715	Eastern Redbud – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115716	Eastern Redbud – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115717	Western Redbud – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115718	Western Redbud – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115719	Western Redbud – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115720	Desert Willow – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115721	Desert Willow – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115722	Desert Willow – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115723	Chinese Fringe Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115724	Chinese Fringe Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115725	Chinese Fringe Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115726	Chitalpa – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115727	Chitalpa – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115728	Chitalpa – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115729	Camphor – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115730	Camphor – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115731	Camphor – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115732	Bladderpod – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115733	Bladderpod – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115734	Bladderpod – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115735	Bushrue – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115736	Bushrue – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115737	Bushrue – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115738	Bronze Loquat – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115739	Bronze Loquat – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115740	Bronze Loquat – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115741	Pink Fairy Duster – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115742	Pink Fairy Duster – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115743	Pink Fairy Duster – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115744	Australian Willow – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76

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		Units	Labor	Material	Equipment	Total
115745	Australian Willow – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115746	Australian Willow – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115747	Ginkgo, Maidenhair Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115748	Ginkgo, Maidenhair Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115749	Ginkgo, Maidenhair Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115750	Pink Trumpet Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115751	Pink Trumpet Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115752	Pink Trumpet Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115753	Toyon – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115754	Toyon – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115755	Toyon – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115756	Santa Barbara Ceanothus – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115757	Santa Barbara Ceanothus – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115758	Santa Barbara Ceanothus – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115759	Jacaranda – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115760	Jacaranda – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115761	Jacaranda – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115762	Chinese Flame Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115763	Chinese Flame Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115764	Chinese Flame Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115765	Crape Myrtle – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115766	Crape Myrtle – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115767	Crape Myrtle – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115768	Sweet Bay – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115769	Sweet Bay – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115770	Sweet Bay – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115771	Brisbane Box – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115772	Brisbane Box – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115773	Brisbane Box – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115774	Ironwood: Santa Cruz Island, Fernleaf Catalina – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115775	Ironwood: Santa Cruz Island, Fernleaf Catalina – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115776	Ironwood: Santa Cruz Island, Fernleaf Catalina – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115777	Smoothshell Macadamia – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115778	Smoothshell Macadamia – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115779	Smoothshell Macadamia – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115780	Sea Dahlia – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115781	Sea Dahlia – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52

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		Units	Labor	Material	Equipment	Total
115782	Sea Dahlia – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115783	Big Pod Ceanothus – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115784	Big Pod Ceanothus – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115785	Big Pod Ceanothus – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115786	Flaxleaf Paperbark – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115787	Flaxleaf Paperbark – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115788	Flaxleaf Paperbark – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115789	Cajeput Tree – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115790	Cajeput Tree – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115791	Cajeput Tree – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115792	White Bottle Brush – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115793	White Bottle Brush – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115794	White Bottle Brush – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115795	Weeping Bottle Brush – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115796	Weeping Bottle Brush – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115797	Weeping Bottle Brush – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115798	China Berry – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115799	China Berry – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115800	China Berry – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115801	New Zealand Christmas Tree – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115802	New Zealand Christmas Tree – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115803	New Zealand Christmas Tree – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115804	Channel Island Sagebook – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115805	Channel Island Sagebook – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115806	Channel Island Sagebook – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115807	Wilsonii Olive – Up To 24" Box	EA	\$117.76	\$265.00	\$0.00	\$382.76
115808	Wilsonii Olive – Up To 36" Box	EA	\$235.52	\$795.00	\$0.00	\$1,030.52
115809	Wilsonii Olive – Up To 48" Box	EA	\$471.04	\$1,664.20	\$0.00	\$2,135.24
115810	Photinia, Fraser's Photinia – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115811	Photinia, Fraser's Photinia – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115812	Photinia, Fraser's Photinia – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115813	Canary Island Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115814	Canary Island Pine- Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115815	Canary Island Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115816	Eldarica Pine, Afghan Pine, Mondell Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76

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		Units	Labor	Material	Equipment	Total
115817	Eldarica Pine, Afghan Pine, Mondell Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115818	Eldarica Pine, Afghan Pine, Mondell Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115819	Aleppo Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115820	Aleppo Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115821	Aleppo Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115822	Bishop Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115823	Bishop Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115824	Bishop Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115825	Jelescote Pine, Mexican Weeping Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115826	Jelescote Pine, Mexican Weeping Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115827	Jelescote Pine, Mexican Weeping Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115828	Italian Stone Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115829	Italian Stone Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115830	Italian Stone Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115831	Torrey Pine – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115832	Torrey Pine – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115833	Torrey Pine – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115834	California Sycamore – Up To 24" Box	EA	\$117.76	\$212.00	\$0.00	\$329.76
115835	California Sycamore – Up To 36" Box	EA	\$235.52	\$636.00	\$0.00	\$871.52
115836	California Sycamore – Up To 48" Box	EA	\$471.04	\$1,346.20	\$0.00	\$1,817.24
115837	Autumn Blaze Maple – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115838	Autumn Blaze Maple – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115839	Autumn Blaze Maple – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115840	Beech – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115841	Beech – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$530.01	\$0.00	\$647.77
115842	Beech – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$901.00	\$0.00	\$1,136.52
115843	Cherry Tree – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115844	Cherry Tree – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115845	Cherry Tree – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115846	Crabapple – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115847	Crabapple – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115848	Crabapple – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115849	Dawn Redwood – Up To 2" Caliper	EA	\$78.51	\$476.99	\$0.00	\$555.50
115850	Dawn Redwood – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$636.00	\$0.00	\$753.76
115851	Dawn Redwood – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$848.00	\$0.00	\$1,083.52
115852	Elm – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115853	Elm – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76

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		Units	Labor	Material	Equipment	Total
115854	Elm – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115855	Ginkgo Biloba – Up To 2" Caliper	EA	\$78.51	\$318.00	\$0.00	\$396.51
115856	Ginkgo Biloba – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$530.00	\$0.00	\$647.76
115857	Ginkgo Biloba – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$901.00	\$0.00	\$1,136.52
115858	Hornbeam – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115859	Hornbeam – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115860	Hornbeam – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115861	Japanese Maple – Up To 2" Caliper	EA	\$78.51	\$318.00	\$0.00	\$396.51
115862	Japanese Maple – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$530.00	\$0.00	\$647.76
115863	Japanese Maple – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$901.00	\$0.00	\$1,136.52
115864	Lilac – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115865	Lilac – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115866	Lilac – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115867	Linden – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115868	Linden – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115869	Linden – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115870	Locust – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115871	Locust – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115872	Locust – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115873	London Planetree – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115874	London Planetree – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115875	London Planetree – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115876	Magnolia – Up To 2" Caliper	EA	\$78.51	\$476.99	\$0.00	\$555.50
115877	Magnolia – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$689.00	\$0.00	\$806.76
115878	Magnolia – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$848.00	\$0.00	\$1,083.52
115879	Pear – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115880	Pear – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115881	Pear – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115882	Pin Oak – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115883	Pin Oak – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115884	Pin Oak – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115885	Poplar – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115886	Poplar – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115887	Poplar – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115888	Red Oak – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115889	Red Oak – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115890	Red Oak – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115891	Redbud – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51

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		Units	Labor	Material	Equipment	Total
115892	Redbud – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115893	Redbud – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115894	River Birch – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115895	River Birch – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115896	River Birch – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115897	Scarlet Oak – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115898	Scarlet Oak – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115899	Scarlet Oak – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115900	Serviceberry – Up To 2" Caliper	EA	\$78.51	\$158.99	\$0.00	\$237.50
115901	Serviceberry – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$212.00	\$0.00	\$329.76
115902	Serviceberry – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$530.00	\$0.00	\$765.52
115903	Sugar Maple – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115904	Sugar Maple – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115905	Sugar Maple – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115906	Sweet Gum – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115907	Sweet Gum – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115908	Sweet Gum – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115909	Sycamore – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115910	Sycamore – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115911	Sycamore – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115912	Weeping Willow – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115913	Weeping Willow – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115914	Weeping Willow – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115915	White Oak – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115916	White Oak – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115917	White Oak – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115918	Zelkova – Up To 2" Caliper	EA	\$78.51	\$265.00	\$0.00	\$343.51
115919	Zelkova – Up To 2-1/4" To 3" Caliper	EA	\$117.76	\$371.00	\$0.00	\$488.76
115920	Zelkova – Up To 3-1/4" To 4" Caliper	EA	\$235.52	\$636.00	\$0.00	\$871.52
115921	Blue Spruce – 3'-6' Height	EA	\$78.51	\$158.99	\$0.00	\$237.50
115922	Blue Spruce – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115923	Blue Spruce – 10'-14' Height	EA	\$235.52	\$476.99	\$0.00	\$712.51
115924	Hemlock – 3'-6' Height	EA	\$78.51	\$106.00	\$0.00	\$184.51
115925	Hemlock – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115926	Hemlock – 10'-14' Height	EA	\$235.52	\$371.00	\$0.00	\$606.52
115927	Red Cedar – 3'-6' Height	EA	\$78.51	\$106.00	\$0.00	\$184.51
115928	Red Cedar – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115929	Red Cedar – 10'-14' Height	EA	\$235.52	\$371.00	\$0.00	\$606.52
115930	White Pine – 3'-6' Height	EA	\$78.51	\$158.99	\$0.00	\$237.50

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		Units	Labor	Material	Equipment	Total
115931	White Pine – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115932	White Pine – 10'-14' Height	EA	\$235.52	\$476.99	\$0.00	\$712.51
115933	Cypress – 3'-6' Height	EA	\$78.51	\$106.00	\$0.00	\$184.51
115934	Cypress – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115935	Cypress – 10'-14' Height	EA	\$235.52	\$371.00	\$0.00	\$606.52
115936	Norway Spruce – 3'-6' Height	EA	\$78.51	\$158.99	\$0.00	\$237.50
115937	Norway Spruce – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115938	Norway Spruce – 10'-14' Height	EA	\$235.52	\$476.99	\$0.00	\$712.51
115939	White Fir – 3'-6' Height	EA	\$78.51	\$158.99	\$0.00	\$237.50
115940	White Fir – 7'-9' Height	EA	\$117.76	\$212.00	\$0.00	\$329.76
115941	White Fir – 10'-14' Height	EA	\$235.52	\$476.99	\$0.00	\$712.51

32-94-00 Planting Accessories

32-94-00 Planting Accessories

115942	Bioretention Garden Includes up to 2' of gravel bed, 3' of growing medium, plantings, and landscape covering	SF	\$8.82	\$5.80	\$0.00	\$14.62
115943	Landscape Edging – Plastic Includes stakes	LF	\$1.51	\$0.79	\$0.00	\$2.30
115944	Landscape Edging – Redwood Includes stakes	LF	\$1.51	\$1.58	\$0.00	\$3.09
115945	Landscape Edging – Pressure Treated Timber Up to 6"x6" Includes stakes	LF	\$1.51	\$2.12	\$0.00	\$3.63
115946	Landscape Edging – Metal Includes stakes	LF	\$1.51	\$5.83	\$0.00	\$7.34
115947	Landscape Edging – Natural	LF	\$0.90	\$0.00	\$0.00	\$0.90
115948	Mow Curb – Natural Color Includes stone base	CY	\$161.12	\$181.90	\$5.00	\$348.02
115949	Mow Curb – Natural Color Stamped Includes stone base	CY	\$173.51	\$181.90	\$5.00	\$360.41
115950	Mow Curb – Integral Color Includes stone base	CY	\$161.12	\$190.80	\$5.00	\$356.92
115951	Mow Curb – Integral Color Stamped Includes stone base	CY	\$173.51	\$190.80	\$5.00	\$369.31

32-94-19 Landscape Surfacing

115952	Marble / Granite Chips – Or Equal	CY	\$30.07	\$98.93	\$0.00	\$129.00
115953	River Rock Natural Up To 3" – Or Equal	CY	\$30.07	\$87.98	\$0.00	\$118.05
115954	River Rock Natural Up To 10" – Or Equal	CY	\$30.07	\$96.11	\$0.00	\$126.18
115955	River Rock Blue Up To 14" – Or Equal	CY	\$30.07	\$96.11	\$0.00	\$126.18
115956	Colorado Sunrise – Or Equal	CY	\$30.07	\$76.32	\$0.00	\$106.39
115957	Volcanic Lava Rock – Or Equal	CY	\$30.07	\$85.51	\$0.00	\$115.58
115958	Slate Stone Chips – Or Equal	CY	\$30.07	\$77.72	\$0.00	\$107.79
115959	Decomposed Granite – Or Equal	CY	\$30.07	\$85.51	\$0.00	\$115.58
115960	Hardwood Mulch – Or Equal Landscape Cover	CY	\$30.07	\$31.80	\$0.00	\$61.87
115961	Hardwood Mulch – Or Equal (Blower Truck Application)	CY	\$30.07	\$31.80	\$0.00	\$61.87
115962	Compost – Or Equal Landscape Cover	CY	\$30.07	\$26.50	\$0.00	\$56.57
115963	Compost – Or Equal (Blower Truck Application)	CY	\$11.28	\$26.50	\$0.00	\$37.78

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		Units	Labor	Material	Equipment	Total
115964	Hardwood Playground Mulch – Or Equal	CY	\$30.07	\$31.80	\$0.00	\$61.87
115965	Hardwood Playground Mulch – Or Equal (Blower Truck Application)	CY	\$11.28	\$31.80	\$0.00	\$43.08
115966	Rubber Playground Mulch – Or Equal	CY	\$30.07	\$318.00	\$0.00	\$348.07
115967	Rubber Playground Mulch – Or Equal (Blower Truck Application)	CY	\$11.28	\$318.00	\$0.00	\$329.28
115968	Bark Nuggets – Or Equal Landscape Cover	CY	\$30.07	\$37.09	\$0.00	\$67.16
115969	Bark Nuggets – Or Equal (Blower Truck Application)	CY	\$11.28	\$37.09	\$0.00	\$48.37
115970	Fine Play Sands – Or Equal	CY	\$30.07	\$48.76	\$0.00	\$78.83
115971	Sand / Clay Infield Mix – Or Equal	CY	\$30.07	\$45.58	\$0.00	\$75.65
115972	Boulders	TN	\$42.10	\$79.50	\$0.00	\$121.60
115973	Landscape Fabric – Weed Barrier Includes staples	SF	\$0.90	\$0.07	\$0.00	\$0.97
115974	[Modifier] Quantity Premium - Landscape Surfacing (31-50 CY) Quantity premium can be used when total cubic yardage in section 32-94-19 Landscape Surfacing are within stated quantities. Can be applied cumulatively to base line items.	CY	\$12.63	\$0.00	\$0.00	\$12.63
115975	[Modifier] Quantity Premium - Landscape Surfacing (11-30 CY) Quantity premium can be used when total cubic yardage in section 32-91-19 Landscape Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$21.06	\$0.00	\$0.00	\$21.06
115976	[Modifier] Quantity Premium - Landscape Surfacing (< or = to 10 CY) Quantity premium can be used when total cubic yardage in section 32-91-19 Landscape Grading are within stated quantities. Can be applied cumulatively to base line items.	CY	\$63.16	\$0.00	\$0.00	\$63.16
32-94-43 Tree Grates						
115977	Tree Grate – Up To 30" Painted Cast Iron With Frame Or Equal	EA	\$225.57	\$1,325.00	\$0.00	\$1,550.57
115978	Tree Grate – Up To 36" Painted Cast Iron With Frame Or Equal	EA	\$225.57	\$1,346.20	\$0.00	\$1,571.77
115979	Tree Grate – Up To 48" Painted Cast Iron With Frame Or Equal	EA	\$225.57	\$2,332.00	\$0.00	\$2,557.57
115980	Tree Grate – Up To 60" Painted Cast Iron With Frame Or Equal	EA	\$225.57	\$2,851.40	\$0.00	\$3,076.97
115981	Tree Grate – Up To 72" Painted Cast Iron With Frame Or Equal	EA	\$225.57	\$3,858.40	\$0.00	\$4,083.97
115982	Tree Grate – Up To 95" Painted Cast Iron With Frame Or Equal	EA	\$225.57	\$5,352.99	\$0.00	\$5,578.56
115983	Tree Grate – Up To 30" Cast Aluminum With Frame Or Equal	EA	\$225.57	\$1,722.50	\$0.00	\$1,948.07

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		Units	Labor	Material	Equipment	Total
115984	Tree Grate – Up To 36" Cast Aluminum With Frame Or Equal	EA	\$225.57	\$1,750.06	\$0.00	\$1,975.63
115985	Tree Grate – Up To 48" Cast Aluminum With Frame Or Equal	EA	\$225.57	\$3,031.60	\$0.00	\$3,257.17
115986	Tree Grate – Up To 60" Cast Aluminum With Frame Or Equal	EA	\$225.57	\$3,706.82	\$0.00	\$3,932.39
115987	Tree Grate – Up To 72" Cast Aluminum With Frame Or Equal	EA	\$225.57	\$5,015.92	\$0.00	\$5,241.49
115988	Tree Grate – Up To 95" Cast Aluminum With Frame Or Equal	EA	\$225.57	\$6,958.91	\$0.00	\$7,184.48

32-96-00 Transplanting

32-96-43 Tree Transplanting

115989	Tree Transplant – Up To 6" Caliper Includes removal, hauling, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing	EA	\$601.20	\$79.50	\$225.00	\$905.70
115990	Tree Transplant – Up To 12" Caliper Includes removal, hauling, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing	EA	\$1,202.39	\$106.00	\$300.00	\$1,608.39
115991	Tree Transplant – Up To 18" Caliper Includes removal, hauling, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing	EA	\$1,803.59	\$238.50	\$675.00	\$2,717.09
115992	Tree Transplant – Up To 24" Caliper Includes removal, hauling, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing	EA	\$2,404.78	\$318.00	\$900.00	\$3,622.78
115993	Tree Transplant – Up To 36" Caliper Includes removal, hauling, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing	EA	\$3,607.17	\$477.01	\$1,350.00	\$5,434.18
115994	Tree Transplant – Greater Than 36" Caliper Includes removal, hauling, excavation, backfill with suitable soils, staking, equipment, rigging, and fertilizing	IN	\$100.20	\$13.25	\$37.50	\$150.95

33-00-00 Utilities

- Item costs include all labor, material (including gaskets, bolts, etc.) small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item.
- Labor costs exclude rigging equipment. Refer to (CSI) MasterFormat Division 01 – General Requirements for Assembly Items: Construction Aids.
- Cutting and patching work required for the installation or demolition/removal of site utilities shall be included under Divisions 31 and 32.
- Piping and equipment installation and demolition/removal costs exclude excavation, backfill, and stone bedding.
- All piping costs under Division 33 exclude hangers.

33-00-00 Utilities

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- Item costs include all labor, material (including gaskets, bolts, etc.) small equipment (welders, etc.), small tools and consumables (solder, flux, etc.) to install the item.
- Labor costs exclude rigging equipment. Refer to (CSI) MasterFormat Division 01 – General Requirements for Assembly Items: Construction Aids.
- Cutting and patching work required for the installation or demolition/removal of site utilities shall be included under Divisions 31 and 32.
- Piping and equipment installation and demolition/removal costs exclude excavation, backfill, and stone bedding.
- All piping costs under Division 33 exclude hangers.

33-01-00 Operation and Maintenance of Utilities

33-01-00 Operation and Maintenance of Utilities

		Units	Labor	Material	Equipment	Total
115995	Underground Utility Locating Services using Drone/GPR/LiDar for undocumented Sewer, Storm drain, Domestic Water, Fire Water, Gas, Electrical Conduit, and Low Voltage Communications Conduit piping (>2,500 LF) To assist in exploration and documentation of existing unknown pipes locations, which includes the horizontal position and depth range of pipes. Includes Mobilization, Traffic Control, Public Safety, and escort of drivers and pedestrians safely through the work. Excludes additional mobilizations.	LF	\$0.25	\$0.00	\$0.13	\$0.38
115996	All Survey Mapping related costs for Reports, CAD Drafting & Data Processing for undocumented Sewer, Storm drain, Domestic Water, Fire Water, Gas, Electrical Conduit, and Low Voltage Communications Conduit piping (>2,500 LF) Survey Mapping Documentation of existing unknown pipes, which includes condition, measurements of the depth, slope, material, and size of pipes. Includes submission of reports electronically in PDF format and inspection videos in MP4 or MOV format to the Agency.	LF	\$0.38	\$0.04	\$0.03	\$0.45
33-01-10 Operation and Maintenance of Water Utilities						
115997	Remove Well Pump and Equipment Includes Delivery to Yard	EA	\$3,229.73	\$5,696.20	\$3,773.08	\$12,699.01
115998	Remove Well Pump and Equipment Includes Off-Site Disposal	EA	\$4,004.08	\$7,061.90	\$4,677.69	\$15,743.67
115999	Well Decommissioning Includes Pre/Post Video Inspection, Cleaning, Removal of Concrete Pads and Well Pedestals, Pipe & Conduit Capping, and Sealing	LF	\$105.06	\$185.32	\$234.34	\$524.72
116000	Well Casing Perforation	LF	\$18.37	\$32.60	\$21.46	\$72.43

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		Units	Labor	Material	Equipment	Total
116001	Well Conversion Conversion of Existing Well to Monitoring Well	LF	\$27.16	\$47.91	\$31.74	\$106.81
33-01-30	Operation and Maintenance of Sewer Utilities					
116002	Mobilization of Vacuum Truck per occurrence All work shall have adjacent access via Paved Roads	EA	\$255.71	\$0.00	\$1,180.00	\$1,435.71
116003	12"-18" ø CMP Jetting Flushing and Vacuum Operation < or = 100 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines may have up to 100% debris	LF	\$8.90	\$4.51	\$9.50	\$22.91
116004	21"-30" ø CMP Jetting Flushing and Vacuum Operation < or = 100 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$10.04	\$5.03	\$10.50	\$25.57
116005	32"-48" ø CMP Jetting Flushing and Vacuum Operation < or = 100 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$10.84	\$5.30	\$11.99	\$28.13
116006	52"-60" ø CMP Jetting Flushing and Vacuum Operation < or = 100 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$12.95	\$6.36	\$14.00	\$33.31
116007	62"-78" ø CMP Jetting Flushing and Vacuum Operation < or = 100 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$15.21	\$7.42	\$16.50	\$39.13
116008	82"-96" ø CMP Jetting Flushing and Vacuum Operation < or = 100 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$18.12	\$8.90	\$19.60	\$46.62

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		Units	Labor	Material	Equipment	Total
116009	12"-18" ø CMP Jetting Flushing and Vacuum Operation 101-250 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines may have up to 100% debris	LF	\$3.56	\$1.85	\$3.75	\$9.16
116010	21"-30" ø CMP Jetting Flushing and Vacuum Operation 101-250 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$4.05	\$1.85	\$4.26	\$10.16
116011	32"-48" ø CMP Jetting Flushing and Vacuum Operation 101-250 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$4.37	\$2.12	\$4.75	\$11.24
116012	52"-60" ø CMP Jetting Flushing and Vacuum Operation 101-250 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$5.18	\$2.55	\$5.60	\$13.33
116013	62"-78" ø CMP Jetting Flushing and Vacuum Operation 101-250 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$5.67	\$2.80	\$6.10	\$14.57
116014	82"-96" ø CMP Jetting Flushing and Vacuum Operation 101-250 LF Includes 2-3 pass clean, Water Fees, Collecting all Water/ Debris in Operation Storm Drain Pipelines having 25% or less debris	LF	\$6.15	\$3.02	\$6.65	\$15.82

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		Units	Labor	Material	Equipment	Total
116015	Hydro Jetting Flushing and Vacuum Operation for undocumented Sewer and Storm Drain Piping (>2,500 LF) To assist in exploration and documentation of existing unknown sewer and storm drain pipes. Includes Traffic Control, Public Safety, escort of drivers & pedestrians safely through the work, Diversion or bypass of existing stream flows, and Disposal of debris material removed. Includes Mobilization, and submission of reports electronically in PDF format, and legal disposal cost/fees of debris material removed. Excludes cost of water and additional mobilizations.	LF	\$2.13	\$0.33	\$2.79	\$5.25
116016	Mobilization of CCTV Equipment per occurrence All work shall have adjacent access via Paved Roads	EA	\$255.71	\$0.00	\$1,180.00	\$1,435.71
116017	12"-18" ø CMP CCTV 40-100 LF (price per LF) Includes Video Submission	LF	\$4.53	\$5.03	\$4.00	\$13.56
116018	21"-30" ø CMP CCTV 40-100 LF (price per LF) Includes Video Submission	LF	\$8.10	\$9.01	\$7.24	\$24.35
116019	32"-48" ø CMP CCTV 40-100 LF (price per LF) Includes Video Submission	LF	\$8.90	\$10.07	\$8.00	\$26.97
116020	52"-60" ø CMP CCTV 40-100 LF (price per LF) Includes Video Submission	LF	\$10.84	\$11.92	\$9.50	\$32.26
116021	62"-78" ø CMP CCTV 40-100 LF (price per LF) Includes Video Submission	LF	\$11.65	\$12.71	\$10.25	\$34.61
116022	82"-96" ø CMP CCTV 40-100 LF (price per LF) Includes Video Submission	LF	\$12.63	\$13.77	\$11.01	\$37.41
116023	12"-18" ø CMP CCTV 101-250 LF (price per LF) Includes Video Submission	LF	\$1.62	\$2.12	\$1.75	\$5.49
116024	21"-30" ø CMP CCTV 101-250 LF (price per LF) Includes Video Submission	LF	\$2.17	\$2.39	\$1.90	\$6.46
116025	32"-48" ø CMP CCTV 101-250 LF (price per LF) Includes Video Submission	LF	\$2.46	\$2.91	\$2.20	\$7.57
116026	52"-60" ø CMP CCTV 101-250 LF (price per LF) Includes Video Submission	LF	\$3.27	\$3.61	\$2.79	\$9.67
116027	62"-78" ø CMP CCTV 101-250 LF (price per LF) Includes Video Submission	LF	\$3.78	\$4.13	\$3.25	\$11.16
116028	82"-96" ø CMP CCTV 101-250 LF (price per LF) Includes Video Submission	LF	\$4.14	\$4.56	\$3.55	\$12.25

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		Units	Labor	Material	Equipment	Total
116029	Exploratory Camera Inspection Services (CCTV) for undocumented Sewer and Storm Drain Piping >2,500 LF To assist in exploration and documentation of existing unknown sewer and storm drain pipes, which includes condition, measurements of the depth, slope, material, and size of pipes. Includes Mobilization, Traffic Control, Public Safety, escort of drivers & pedestrians safely through the work, and Diversion or bypass of existing stream flows. Excludes additional mobilizations.	LF	\$2.46	\$0.01	\$1.81	\$4.28
116030	Disposal of debris material removed from CMP piping Includes offhaul and disposal at permitted landfill	CY	\$48.54	\$26.50	\$125.00	\$200.04
116031	48" ø CMP Invert Paving of Storm Sewer Installation of Invert Paving with Cementitious Liner Includes: Welding 1/2" DIA X 3" H4L Headed Studs at 3" OC. and 4"X4" - W4 X W4 WWF Mesh, 6000 PSI Concrete Cleaning and CCTV of existing CMP shall be found in 33-01-30.	LF	\$268.36	\$101.36	\$64.60	\$434.32
116032	96" ø CMP Invert Paving of Storm Sewer Installation of Invert Paving with Cementitious Liner Includes: Welding 1/2" DIA X 1.5" Headed Studs at 12" OC. and 6"X6" 1.4x1.4 WW Mesh, 6000 PSI Concrete Cleaning and CCTV of existing CMP shall be found in 33-01-30.	LF	\$98.77	\$80.56	\$39.00	\$218.33
116033	54" ø Snap-Tite HDPE Lining of Existing 60" CMP Storm Sewer Includes installation of Snap-Tite pipe, skids, annular void filling with cellular grout and conveyance piping, bulkheads, and seals. Ends shall be made smooth and flush. Cleaning and CCTV of existing CMP shall be found in 33-01-30.	LF	\$106.93	\$895.62	\$25.79	\$1,028.34
116034	[Modifier] Flushing Storm Water Pipe Lines - Mobilization & Demobilization (1) Lump Sum per Project	LS	\$653.66	\$424.21	\$0.00	\$1,077.87

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		Units	Labor	Material	Equipment	Total
116035	8" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$55.83	\$53.33	\$7.19	\$116.35
116036	12" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$67.00	\$64.00	\$8.62	\$139.62
116037	15" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$78.17	\$74.66	\$10.06	\$162.89
116038	18" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$93.79	\$89.60	\$12.08	\$195.47
116039	21" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$102.73	\$98.13	\$13.22	\$214.08
116040	24" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$111.66	\$106.66	\$14.38	\$232.70
116041	30" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$120.60	\$115.20	\$15.52	\$251.32
116042	36" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$129.54	\$123.73	\$16.68	\$269.95

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		Units	Labor	Material	Equipment	Total
116043	42" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$134.00	\$128.00	\$17.25	\$279.25
116044	48" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$183.57	\$175.35	\$23.63	\$382.55
116045	54" Diameter 360 degree Cured in Place Pipe Liner (CIPP) Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	LF	\$242.09	\$231.24	\$31.16	\$504.49
116046	Single CIPP Point Repair (x 2' max) on 6"-8" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits as required per the technical provisions.	EA	\$589.25	\$2,480.40	\$455.00	\$3,524.65
116047	2-10 each CIPP Point Repair (x 2' max) on 6"-8" Sewer Main between same Manholes Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits, all items can be performed at one time in the same physical location between same Manholes without additional crew setup.	EA	\$589.25	\$1,908.00	\$250.00	\$2,747.25
116048	11-25 each CIPP Point Repair (x 2' max) on 6"-8" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$566.58	\$1,669.51	\$175.00	\$2,411.09
116049	26-50 each CIPP Point Repair (x 2' max) on 6"-8" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$550.40	\$1,431.00	\$100.00	\$2,081.40
116050	Single CIPP Point Repair (x 2' max) on 10"-18" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$647.53	\$2,480.40	\$455.00	\$3,582.93

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		Units	Labor	Material	Equipment	Total
116051	2-10 each CIPP Point Repair (x 2' max) on 10"-18" Sewer Main between same Manholes Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits, all items can be performed at one time in the same physical location between same Manholes without additional crew setup.	EA	\$647.53	\$1,908.00	\$250.00	\$2,805.53
116052	11-25 each CIPP Point Repair (x 2' max) on 10"-18" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$615.15	\$1,669.51	\$175.00	\$2,459.66
116053	26-50 each CIPP Point Repair (x 2' max) on 10"-18" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$598.97	\$1,431.00	\$100.00	\$2,129.97
116054	Single 4"-6" Top Hats on 6"-8" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$605.44	\$2,480.40	\$455.00	\$3,540.84
116055	2-10 each 4"-6" Top Hats on 6"-8" Sewer Main between same Manholes Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits, all items can be performed at one time in the same physical location between same Manholes without additional crew setup.	EA	\$605.44	\$1,908.00	\$250.00	\$2,763.44
116056	11-25 each 4"-6" Top Hats on 6"-8" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$582.77	\$1,669.51	\$175.00	\$2,427.28
116057	26-50 each 4"-6" Top Hats on 6"-8" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$582.77	\$1,669.51	\$175.00	\$2,427.28
116058	Single 4"-6" Top Hats on 10"-18" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$663.71	\$2,480.40	\$455.00	\$3,599.11

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		Units	Labor	Material	Equipment	Total
116059	2-10 each 4"-6" Top Hats on 10"-18" Sewer Main between same Manholes Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits, all items can be performed at one time in the same physical location between same Manholes without additional crew setup.	EA	\$663.71	\$1,908.00	\$250.00	\$2,821.71
116060	11-25 each 4"-6" Top Hats on 10"-18" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$631.34	\$1,669.51	\$175.00	\$2,475.85
116061	26-50 each 4"-6" Top Hats on 10"-18" Sewer Main Including mobilization, CCTV prior & after completion, cleaning, flushing, reaming, damming, notifications, permits.	EA	\$615.15	\$1,431.00	\$100.00	\$2,146.15
116062	Temporary Sewer Bypass due to flow restrictions To include all temporary plugs, pumps, piping, vacuum truck as needed to complete the work by the day.	EA	\$347.07	\$568.16	\$950.00	\$1,865.23

33-05-00 Common Work Results for Utilities

33-05-04 Selective Demolition for Utilities

- Demolition/Removal costs exclude any salvage value.
- Equipment demolition/removal costs exclude piping, hook-ups, and electrical connections.
- All Demolition/Removal costs exclude excavation, backfill, and stone bedding removal.

116063	Remove Pipe - Plastic (All Types) 36" to 48" Includes Fittings	LF	\$25.32	\$0.00	\$0.00	\$25.32
116064	Remove Catch Basin - 24" Square x 4' Deep	EA	\$188.42	\$0.00	\$0.00	\$188.42
116065	Remove Catch Basin - 48" Square x 4' Deep	EA	\$282.62	\$0.00	\$0.00	\$282.62
116066	Remove Manhole - 48" Dia x 4' Deep	EA	\$344.45	\$0.00	\$0.00	\$344.45
116067	Remove Manhole - 48" Dia x 8' Deep	EA	\$486.35	\$0.00	\$0.00	\$486.35
116068	Remove Manhole - 60" Dia x 12' Deep	EA	\$628.24	\$0.00	\$0.00	\$628.24
116069	Remove Manhole - 60" Dia x 16' Deep	EA	\$770.74	\$0.00	\$0.00	\$770.74
116070	Remove Ejector Pump - Duplex Includes Base Plate, Rails, Cover, Floats & Control Panel	EA	\$1,766.40	\$0.00	\$0.00	\$1,766.40
116071	Remove Fire Hydrant Includes Extension Spool, Hose Nozzles, Caps, Chains and Rings	EA	\$294.40	\$0.00	\$0.00	\$294.40
116072	Remove Cleanout Tee w/ Plug	EA	\$94.21	\$0.00	\$0.00	\$94.21
116073	Remove Grease or Oil Interceptor	EA	\$508.73	\$0.00	\$0.00	\$508.73
116074	Remove Yard or Area Drain	EA	\$117.76	\$0.00	\$0.00	\$117.76

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		Units	Labor	Material	Equipment	Total
116075	Remove Trench Drain - Up to 12"	LF	\$10.60	\$0.00	\$0.00	\$10.60
116076	Remove Headwall, End Section or Pipe Outlet - HDPE	EA	\$117.76	\$0.00	\$0.00	\$117.76
116077	Remove Headwall, End Section or Pipe Outlet - Concrete	EA	\$471.04	\$0.00	\$0.00	\$471.04
116078	Remove Utility or Service Box - Underground Concrete	EA	\$223.74	\$0.00	\$0.00	\$223.74
116079	Remove Utility or Service Box - Underground Plastic	EA	\$23.55	\$0.00	\$0.00	\$23.55
116080	Remove Storage Tank - Underground Concrete	GAL	\$0.37	\$0.00	\$0.00	\$0.37
116081	Remove Storage Tank - Underground Plastic	GAL	\$0.28	\$0.00	\$0.00	\$0.28
116082	Remove Storage Tank - Underground Steel	GAL	\$0.30	\$0.00	\$0.00	\$0.30
116083	Remove Storage Tank Contents - Water	GAL	\$0.02	\$0.00	\$0.00	\$0.02
116084	Remove Backflow Preventer or Water Meter - 2" & Dn	EA	\$54.76	\$0.00	\$0.00	\$54.76
116085	Remove Backflow Preventer or Water Meter - 2-1/2" to 4"	EA	\$160.75	\$0.00	\$0.00	\$160.75
116086	Remove Backflow Preventer or Water Meter - 6" to 8"	EA	\$234.35	\$0.00	\$0.00	\$234.35
116087	Remove Iron Pipe - 4" to 8" Includes Fittings	LF	\$8.25	\$0.00	\$0.00	\$8.25
116088	Remove Iron Pipe - 10" to 16" Includes Fittings	LF	\$12.36	\$0.00	\$0.00	\$12.36
116089	Remove Iron Pipe - 18" to 24" Includes Fittings	LF	\$15.31	\$0.00	\$0.00	\$15.31
116090	Remove Pipe - Plastic (All Types) Under 2" Includes Fittings	LF	\$2.24	\$0.00	\$0.00	\$2.24
116091	Remove Pipe - Plastic (All Types) 2-1/2" to 4" Includes Fittings	LF	\$2.59	\$0.00	\$0.00	\$2.59
116092	Remove Pipe - Plastic (All Types) 6" to 10" Includes Fittings	LF	\$4.12	\$0.00	\$0.00	\$4.12
116093	Remove Pipe - Plastic (All Types) 12" to 18" Includes Fittings	LF	\$11.78	\$0.00	\$0.00	\$11.78
116094	Remove Pipe - Plastic (All Types) 20" to 30" Includes Fittings	LF	\$15.89	\$0.00	\$0.00	\$15.89
116095	Remove Concrete Pipe - 12" to 21" Includes All Classes and Fittings	LF	\$42.99	\$0.00	\$9.00	\$51.99
116096	Remove Concrete Pipe - 24" to 36" Includes All Classes and Fittings	LF	\$67.13	\$0.00	\$11.10	\$78.23
116097	Remove Concrete Pipe - 42" to 60" Includes All Classes and Fittings	LF	\$111.87	\$0.00	\$17.73	\$129.60
116098	Remove Concrete Pipe - 66" to 84" Includes All Classes and Fittings	LF	\$172.52	\$0.00	\$29.26	\$201.78
116099	Remove Copper Pipe - 2" & Dn Includes Fittings	LF	\$2.36	\$0.00	\$0.00	\$2.36

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		Units	Labor	Material	Equipment	Total
116100	Remove Copper Pipe - 2-1/2" to 4" Includes Fittings	LF	\$4.12	\$0.00	\$0.00	\$4.12
116101	Remove Corrugated Metal Pipe - 12" to 18" Includes All Gauges and Fittings	LF	\$6.19	\$0.00	\$0.98	\$7.17
116102	Remove Corrugated Metal Pipe - 21" to 30" Includes All Gauges and Fittings	LF	\$8.83	\$0.00	\$2.62	\$11.45
116103	Remove Corrugated Metal Pipe - 36" to 48" Includes All Gauges and Fittings	LF	\$11.78	\$0.00	\$3.54	\$15.32
116104	Remove Corrugated Metal Pipe - 54" to 66" Includes All Gauges and Fittings	LF	\$15.31	\$0.00	\$4.65	\$19.96
116105	Remove Pipe Valve or Specialty - 2" & Dn Includes Extensions and Valve Box	EA	\$36.80	\$0.00	\$0.00	\$36.80
116106	Remove Pipe Valve or Specialty - 2-1/2" to 6" Includes Extensions and Valve Box	EA	\$105.98	\$0.00	\$0.00	\$105.98
116107	Remove Pipe Valve or Specialty - 8" to 12" Includes Extensions and Valve Box	EA	\$206.08	\$0.00	\$0.00	\$206.08
116108	Remove 56" Steel Water Transmission Pipeline Includes critical excavation around connection points, cutting and removal of pipe, and loading for transport to disposal. Excludes trench mass excavation or hauling to disposal and salvage and/or disposal costs	LF	\$35.06	\$0.00	\$30.56	\$65.62
33-05-09 Piping Specials for Utilities						
116109	24" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$239.64	\$551.77	\$1,178.06	\$1,969.47
116110	30" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$239.64	\$704.08	\$1,178.06	\$2,121.78
116111	36" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$239.64	\$780.25	\$1,178.06	\$2,197.95

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		Units	Labor	Material	Equipment	Total
116112	42" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$272.79	\$864.23	\$1,198.54	\$2,335.56
116113	48" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$296.47	\$924.23	\$1,213.17	\$2,433.87
116114	54" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$313.52	\$967.43	\$1,223.70	\$2,504.65
116115	60" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$349.22	\$1,019.63	\$1,245.76	\$2,614.61
116116	66" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$390.34	\$1,093.83	\$1,271.18	\$2,755.35
116117	72" ø Storm Drain Main Pipe Concrete Lug Includes Concrete (short load fee inclusive), grinding to flow conform, grouting or sealing of entry point. Excludes Pipe and coring of existing RCP Pipe.	EA	\$417.04	\$1,138.63	\$1,287.67	\$2,843.34
116118	Core Single Hole for 12" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$292.13	\$0.00	\$780.00	\$1,072.13
116119	Core Single Hole for 15" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$365.16	\$0.00	\$975.00	\$1,340.16
116120	Core Single Hole for 18" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$413.85	\$0.00	\$1,105.00	\$1,518.85

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		Units	Labor	Material	Equipment	Total
116121	Core Single Hole for 21" - 27" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$608.60	\$0.00	\$1,625.00	\$2,233.60
116122	Core Single Hole for 30" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$681.64	\$0.00	\$1,820.00	\$2,501.64
116123	Core Single Hole for 36" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$852.05	\$0.00	\$2,275.00	\$3,127.05
116124	Core Single Hole for 42" ø Storm Drain Pipe (RCP or CMP) into Concrete Headwall Includes mobilization. Can also be used as coring for Lug Detail for Larger Pipe interception.	EA	\$1,071.14	\$0.00	\$2,860.00	\$3,931.14
33-05-85 Miscellaneous Site						
116125	POLYWRAP Pipe Protection Tubular Polyethylene Encasement Protection	LF	\$0.89	\$0.84	\$0.00	\$1.73
116126	Tracer Wire 12 Gauge Solid Wire	LF	\$0.36	\$0.54	\$0.00	\$0.90
116127	Metallic Utility Warning Tape 3"	LF	\$0.30	\$0.40	\$0.00	\$0.70
116128	Thrust Block- 1 to 3 CF Including excavation, forms, concrete as required, and compacting backfill	EA	\$29.44	\$36.57	\$0.00	\$66.01
116129	Thrust Block- 4 to 6 CF Including excavation, forms, concrete as required, and compacting backfill	EA	\$47.10	\$85.33	\$0.00	\$132.43
116130	Thrust Block- 7 to 9 CF Including excavation, forms, concrete as required, and compacting backfill	EA	\$70.66	\$127.45	\$0.00	\$198.11
116131	Gilsulate 500XR Includes Carboline	CF	\$5.80	\$29.22	\$3.93	\$38.95

33-10-00 Water Utilities

33-14-00 Water Utility Transmission and Distribution

- Equipment costs exclude electrical and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Equipment hook-ups (connections) include all required pipe, fittings, valves, and specialties within in 10 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
- Equipment costs exclude concrete pads and dunnage.

- Piping items include couplings as required.
- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

33-14-16 Site Water Utility Distribution Piping

Excludes excavation and backfill. Fittings represent average cost of all fitting types.

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		Units	Labor	Material	Equipment	Total
116132	Tapping Sleeve & Valve- 4" Main	EA	\$735.37	\$910.26	\$0.00	\$1,645.63
116133	Tapping Sleeve & Valve- 6" Main	EA	\$980.49	\$910.26	\$0.00	\$1,890.75
116134	Tapping Sleeve & Valve- 8" Main	EA	\$1,307.32	\$1,040.82	\$0.00	\$2,348.14
116135	Tapping Sleeve & Valve- 10" Main	EA	\$1,470.74	\$1,592.05	\$0.00	\$3,062.79
116136	Tapping Sleeve & Valve- 12" Main	EA	\$1,634.15	\$2,883.09	\$0.00	\$4,517.24
116137	1/2" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$4.90	\$4.42	\$0.00	\$9.32
116138	3/4" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$4.90	\$6.06	\$0.00	\$10.96
116139	1" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$4.90	\$7.96	\$0.00	\$12.86
116140	1-1/4" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$5.72	\$10.89	\$0.00	\$16.61
116141	1-1/2" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$5.72	\$14.23	\$0.00	\$19.95
116142	2" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$6.53	\$20.49	\$0.00	\$27.02
116143	2-1/2" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$8.99	\$27.46	\$0.00	\$36.45
116144	3" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$10.63	\$38.45	\$0.00	\$49.08
116145	4" Water Utility Pipe - Copper, Type L, Hard Drawn, Soldered	LF	\$13.89	\$61.39	\$0.00	\$75.28
116146	1/2" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$35.13	\$1.07	\$0.00	\$36.20
116147	3/4" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$46.58	\$3.00	\$0.00	\$49.58
116148	1" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$54.74	\$8.16	\$0.00	\$62.90
116149	1-1/4" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$61.28	\$11.64	\$0.00	\$72.92
116150	1-1/2" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$64.55	\$17.86	\$0.00	\$82.41
116151	2" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$74.36	\$30.48	\$0.00	\$104.84
116152	2-1/2" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$120.11	\$55.79	\$0.00	\$175.90
116153	3" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$143.81	\$79.73	\$0.00	\$223.54
116154	4" Water Utility Fitting - Copper, Wrot, Soldered	EA	\$192.83	\$180.35	\$0.00	\$373.18
116155	4" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 51, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$44.50	\$58.27	\$1.46	\$104.23
116156	4" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 350, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$30.68	\$41.96	\$1.01	\$73.65

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		Units	Labor	Material	Equipment	Total
116157	6" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$57.96	\$53.60	\$1.78	\$113.34
116158	6" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 350, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$38.77	\$28.68	\$1.28	\$68.73
116159	8" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$61.19	\$73.05	\$1.89	\$136.13
116160	8" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 350, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$41.99	\$37.76	\$1.38	\$81.13
116161	10" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$73.75	\$94.17	\$2.15	\$170.07
116162	10" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 350, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$46.84	\$45.08	\$1.54	\$93.46
116163	12" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$82.10	\$119.47	\$2.37	\$203.94
116164	12" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$51.68	\$57.88	\$1.70	\$111.26

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		Units	Labor	Material	Equipment	Total
116165	14" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$94.93	\$148.74	\$9.49	\$253.16
116166	14" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$56.52	\$68.06	\$6.57	\$131.15
116167	16" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$100.86	\$177.79	\$10.05	\$288.70
116168	16" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$62.99	\$83.06	\$7.31	\$153.36
116169	18" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$108.57	\$204.90	\$10.61	\$324.08
116170	18" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$67.84	\$96.33	\$7.88	\$172.05
116171	20" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$116.38	\$234.72	\$11.18	\$362.28
116172	20" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$71.06	\$114.00	\$8.26	\$193.32

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		Units	Labor	Material	Equipment	Total
116173	24" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Class 50, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint Includes 1 Standard Accessory Pack of Gland, Gasket, T-Bolts w/Nuts per 18 LF of Pipe	LF	\$127.59	\$298.61	\$12.11	\$438.31
116174	24" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$77.52	\$152.45	\$9.00	\$238.97
116175	30" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$87.22	\$336.08	\$10.13	\$433.43
116176	36" Water Utility Pipe - Ductile Iron (DIP), AWWA C151, Pressure Class 250, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Includes 1 Standard Gasket per 18 LF of Pipe	LF	\$98.52	\$459.22	\$11.44	\$569.18
116177	4" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$834.59	\$198.86	\$27.46	\$1,060.91
116178	4" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$328.39	\$218.81	\$10.81	\$558.01
116179	6" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$1,186.67	\$309.48	\$39.05	\$1,535.20
116180	6" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$457.61	\$317.85	\$15.05	\$790.51

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		Units	Labor	Material	Equipment	Total
116181	8" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$1,247.65	\$430.84	\$41.06	\$1,719.55
116182	8" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$496.36	\$510.15	\$16.33	\$1,022.84
116183	10" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$1,700.68	\$607.98	\$55.96	\$2,364.62
116184	10" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$663.79	\$732.92	\$21.84	\$1,418.55
116185	12" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$1,934.05	\$878.14	\$63.64	\$2,875.83
116186	12" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$744.02	\$945.03	\$24.48	\$1,713.53
116187	14" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$2,253.84	\$1,461.20	\$165.84	\$3,880.88
116188	14" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$903.90	\$1,769.68	\$29.74	\$2,703.32

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		Units	Labor	Material	Equipment	Total
116189	16" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$2,383.85	\$1,948.95	\$175.41	\$4,508.21
116190	16" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$1,013.72	\$2,452.93	\$33.36	\$3,500.01
116191	18" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$2,673.35	\$3,141.83	\$196.71	\$6,011.89
116192	18" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$1,127.86	\$2,799.13	\$37.11	\$3,964.10
116193	20" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$2,818.30	\$3,359.87	\$207.37	\$6,385.54
116194	20" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$1,242.53	\$4,453.92	\$40.88	\$5,737.33
116195	24" Water Utility Fitting - Ductile Iron (DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Mechanical Joint MJ Fitting includes necessary standard Accessory Packs (Glands, Gaskets, T-Bolts w/Nuts)	EA	\$3,449.79	\$4,354.57	\$253.84	\$8,058.20
116196	24" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$1,414.27	\$5,212.44	\$46.54	\$6,673.25

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		Units	Labor	Material	Equipment	Total
116197	30" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$1,834.72	\$6,212.94	\$60.38	\$8,108.04
116198	36" Water Utility Fitting - Ductile Iron DIP), AWWA C153, Cement Mortar Lined & Asphalt Coated (CML&C), Push On Joint Push On Fitting includes necessary standard Gaskets	EA	\$2,120.59	\$7,206.28	\$69.78	\$9,396.65
116199	4" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$13.89	\$130.38	\$0.00	\$144.27
116200	6" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$18.79	\$164.37	\$0.00	\$183.16
116201	8" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$22.87	\$219.52	\$0.00	\$242.39
116202	10" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$28.60	\$313.55	\$0.00	\$342.15
116203	12" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$31.87	\$414.41	\$0.00	\$446.28
116204	14" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$44.94	\$519.25	\$0.00	\$564.19
116205	16" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$51.47	\$703.19	\$0.00	\$754.66
116206	18" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$58.02	\$933.95	\$0.00	\$991.97
116207	20" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$71.90	\$1,140.90	\$0.00	\$1,212.80
116208	24" Mechanical Joint Restraint MJ Restraint Gland for Ductile Iron Pipe w/accessories	EA	\$92.33	\$1,550.24	\$0.00	\$1,642.57
116209	4" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$10.96	\$7.36	\$0.00	\$18.32
116210	6" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$15.33	\$15.05	\$0.15	\$30.53
116211	8" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$20.04	\$25.81	\$0.21	\$46.06
116212	10" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$24.77	\$38.73	\$0.25	\$63.75

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		Units	Labor	Material	Equipment	Total
116213	12" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$27.13	\$54.53	\$0.28	\$81.94
116214	14" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$30.66	\$66.44	\$0.31	\$97.41
116215	16" Water Utility Pipe - PVC C900, DR-18, Gasket Joint Includes 1 Standard Gasket per 20 LF of Pipe	LF	\$34.20	\$91.42	\$0.34	\$125.96
116216	4" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$538.80	\$397.30	\$0.00	\$936.10
116217	6" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$826.67	\$547.96	\$41.39	\$1,416.02
116218	8" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$902.68	\$754.48	\$45.20	\$1,702.36
116219	10" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$1,238.72	\$1,251.10	\$62.02	\$2,551.84
116220	12" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$1,424.62	\$1,509.40	\$71.33	\$3,005.35
116221	14" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$1,658.44	\$2,495.54	\$83.04	\$4,237.02

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		Units	Labor	Material	Equipment	Total
116222	16" Water Utility Fitting - DIP Fitting AWWA C153 for PVC C900 Pipe, Mech Joint MJ Fitting includes necessary standard Accessory Packs (Wedge Type Restraint Glands for PVC C900, Gaskets, Bolts w/Nuts)	EA	\$1,765.77	\$3,250.28	\$88.41	\$5,104.46
116223	4" Water Utility Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$6.72	\$14.37	\$0.00	\$21.09
116224	6" Water Utility Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$10.96	\$27.73	\$0.00	\$38.69
116225	8" Water Utility Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$14.16	\$41.67	\$0.14	\$55.97
116226	10" Water Utility Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$17.69	\$61.77	\$0.17	\$79.63
116227	12" Water Utility Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$21.23	\$84.48	\$0.22	\$105.93
116228	14" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	LF	\$25.94	\$121.11	\$0.26	\$147.31
116229	16" Water Utility Pipe - PVC Schedule 80, Solvent Cement Weld	LF	\$30.66	\$192.58	\$0.31	\$223.55
116230	4" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$68.06	\$43.79	\$0.00	\$111.85
116231	6" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$103.90	\$94.13	\$0.00	\$198.03
116232	8" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$130.10	\$208.60	\$6.51	\$345.21
116233	10" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$166.77	\$1,409.29	\$8.35	\$1,584.41
116234	12" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$175.06	\$1,870.60	\$8.76	\$2,054.42
116235	14" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$226.48	\$3,382.96	\$11.34	\$3,620.78
116236	16" Water Utility Fitting - PVC Schedule 80, Solvent Cement Weld	EA	\$294.48	\$4,713.08	\$14.74	\$5,022.30
116237	4" NRS Gate Valve w/Valve Box and Cover	EA	\$281.07	\$897.18	\$0.00	\$1,178.25
116238	6" NRS Gate Valve w/Valve Box and Cover	EA	\$361.96	\$1,023.96	\$0.00	\$1,385.92
116239	8" NRS Gate Valve w/Valve Box and Cover	EA	\$428.14	\$1,487.18	\$0.00	\$1,915.32
116240	10" NRS Gate Valve w/Valve Box and Cover	EA	\$544.98	\$2,392.90	\$0.00	\$2,937.88

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		Units	Labor	Material	Equipment	Total
116241	12" NRS Gate Valve w/Valve Box and Cover PIV	EA	\$604.64	\$3,252.29	\$0.00	\$3,856.93
116242	4" NRS Gate Valve w/Post Indicator, Valve Box and Cover PIV	EA	\$853.02	\$2,814.67	\$0.00	\$3,667.69
116243	6" NRS Gate Valve w/Post Indicator, Valve Box and Cover PIV	EA	\$933.92	\$2,941.45	\$0.00	\$3,875.37
116244	8" NRS Gate Valve w/Post Indicator, Valve Box and Cover PIV	EA	\$1,000.10	\$3,404.67	\$0.00	\$4,404.77
116245	10" NRS Gate Valve w/Post Indicator, Valve Box and Cover PIV	EA	\$1,116.94	\$4,310.38	\$0.00	\$5,427.32
116246	12" NRS Gate Valve w/Post Indicator, Valve Box and Cover PIV	EA	\$1,176.59	\$5,169.78	\$0.00	\$6,346.37
116247	6" Water Transmission Pipe - Welded Steel, AWWA C200, 1/4" Thick Wall, Cement Mortar Lined and Coated (CML&C), Bell and Spigot Lap Welded Joints Prime and tape external joints (Polyguard RD-6), and grout joints (Internal and external)	LF	\$109.49	\$756.89	\$180.96	\$1,047.34
33-14-19 Valves and Hydrants for Water Utility Service						
116248	Fire Hydrant Head Includes 12" Hydrant Extension Spool, Hose Nozzles, Caps, Chains and Rings. 4-1/2" or 5-1/4" Valve.	EA	\$490.24	\$5,863.39	\$0.00	\$6,353.63
116249	Fire Hydrant Head w/3' Barrel Extension and Elbow Includes 12" Hydrant Extension Spool, Hose Nozzles, Caps, Chains and Rings. Ductile Iron Flanged Barrel. 4-1/2" or 5-1/4" Valve.	EA	\$702.68	\$6,700.84	\$0.00	\$7,403.52
116250	Fire Hydrant Head w/5' Barrel Extension and Elbow Includes 12" Hydrant Extension Spool, Hose Nozzles, Caps, Chains and Rings. Ductile Iron Flanged Barrel. 4-1/2" or 5-1/4" Valve.	EA	\$817.08	\$7,062.89	\$0.00	\$7,879.97
116251	Fire Hydrant Head w/7' Barrel Extension and Elbow Includes 12" Hydrant Extension Spool, Hose Nozzles, Caps, Chains and Rings. Ductile Iron Flanged Barrel. 4-1/2" or 5-1/4" Valve.	EA	\$980.49	\$7,423.71	\$0.00	\$8,404.20
116252	Fire Hydrant Breakaway Valve/Guard Post Jones J6000 or Equal	EA	\$310.49	\$1,031.27	\$0.00	\$1,341.76

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		Units	Labor	Material	Equipment	Total
116253	Utility/Service Box- Concrete 12" x 24" Traffic Rated. Precast Concrete Box With Steel Lid.	EA	\$211.97	\$265.13	\$0.00	\$477.10
116254	Utility/Service Box- Concrete 18" x 36" Traffic Rated. Precast Concrete Box With Steel Lid.	EA	\$441.60	\$549.46	\$0.00	\$991.06
116255	Utility/Service Box- Concrete 24" x 48" Traffic Rated. Precast Concrete Box With Steel Lid.	EA	\$618.24	\$804.54	\$0.00	\$1,422.78
116256	Utility/Service Box- Plastic 12" x 12" Non-Traffic Rated. Plastic Box And Lid.	EA	\$35.33	\$43.88	\$0.00	\$79.21
116257	Utility/Service Box- Plastic 12" x 24" Non-Traffic Rated. Plastic Box And Lid.	EA	\$47.10	\$87.77	\$0.00	\$134.87
116258	Valve Box- 36" Deep Cast Iron. Includes Cover.	EA	\$117.76	\$182.85	\$0.00	\$300.61
116259	Valve Box- 54" Deep Cast Iron. Includes Cover.	EA	\$270.85	\$338.88	\$0.00	\$609.73
116260	2" Reduced Pressure Backflow Preventer Watts 957 Or Equal.	EA	\$163.42	\$621.07	\$0.00	\$784.49
116261	2-1/2" Reduced Pressure Backflow Preventer Watts 957 Or Equal.	EA	\$309.83	\$2,522.11	\$0.00	\$2,831.94
116262	3" Reduced Pressure Backflow Preventer Watts 957 Or Equal.	EA	\$290.06	\$2,680.58	\$0.00	\$2,970.64
116263	4" Reduced Pressure Backflow Preventer Watts 957 Or Equal.	EA	\$435.50	\$3,131.61	\$0.00	\$3,567.11
116264	6" Reduced Pressure Backflow Preventer Watts 957 Or Equal.	EA	\$653.66	\$5,155.15	\$0.00	\$5,808.81
116265	8" Reduced Pressure Backflow Preventer Watts 957 Or Equal.	EA	\$980.49	\$12,447.21	\$0.00	\$13,427.70
33-14-23	Enclosures for Water Utility Piping and Valves					
116266	Furnish & install a new 4'x4'x2' above ground pump head enclosure and 6" slab. Including new foundation and foot concrete slab with base anchoring, hardware shall bolted to slab. (Enclose to be Strong Box PL-40AL or equal).	EA	\$2,363.39	\$5,845.10	\$121.90	\$8,330.39
33-16-00	Water Utility Storage Tanks					
33-16-56	Ground-Level Plastic Water Storage Cisterns					
116267	500 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$400.37	\$3,071.81	\$0.00	\$3,472.18

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		Units	Labor	Material	Equipment	Total
116268	750 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$400.37	\$3,675.14	\$0.00	\$4,075.51
116269	1,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$539.27	\$4,171.82	\$0.00	\$4,711.09
116270	1,250 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$539.27	\$4,577.41	\$0.00	\$5,116.68
116271	1,500 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$670.00	\$5,244.60	\$0.00	\$5,914.60
116272	2,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$670.00	\$6,615.92	\$0.00	\$7,285.92
116273	3,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$670.00	\$6,879.72	\$0.00	\$7,549.72
116274	4,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,013.17	\$10,102.39	\$0.00	\$11,115.56
116275	5,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,013.17	\$11,773.65	\$0.00	\$12,786.82
116276	7,500 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,348.18	\$18,521.77	\$0.00	\$19,869.95
116277	10,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,348.18	\$22,904.99	\$0.00	\$24,253.17
116278	12,500 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,348.18	\$31,864.64	\$0.00	\$33,212.82
116279	15,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,813.91	\$37,120.78	\$0.00	\$38,934.69

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		Units	Labor	Material	Equipment	Total
116280	20,000 Gallon Water Storage Tank - Plastic Ground-Level. Includes Ball Valve and Level Sensor w/ LED Display and Controller.	EA	\$1,813.91	\$55,657.38	\$0.00	\$57,471.29

33-30-00 Sanitary Sewerage

- Equipment costs exclude electrical and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Equipment hook-ups (connections) include all required pipe, fittings, valves, and specialties within in 10 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
- Equipment costs exclude concrete pads and dunnage.

- Piping items include couplings as required.

- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

33-31-00 Sanitary Sewerage Piping

33-31-13 Site Sanitary Sewerage Gravity Piping

Excludes excavation and backfill. Fittings represent average cost of all fitting types.

116281	4" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$5.04	\$2.91	\$0.00	\$7.95
116282	6" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$8.21	\$6.73	\$0.00	\$14.94
116283	8" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$9.86	\$12.24	\$0.00	\$22.10
116284	10" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$13.27	\$19.02	\$0.17	\$32.46
116285	12" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$15.93	\$27.37	\$0.22	\$43.52
116286	15" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$19.46	\$40.39	\$0.26	\$60.11
116287	18" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$23.00	\$58.51	\$0.31	\$81.82
116288	21" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$24.77	\$84.11	\$0.33	\$109.21
116289	24" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$28.30	\$112.15	\$1.90	\$142.35
116290	27" Sanitary Utility Pipe - PVC, SDR-35, Gasketed	LF	\$29.19	\$168.22	\$1.96	\$199.37
116291	4" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$68.06	\$26.99	\$0.00	\$95.05
116292	6" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$103.90	\$53.42	\$0.00	\$157.32
116293	8" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$120.84	\$159.24	\$0.00	\$280.08
116294	10" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$166.77	\$435.35	\$8.35	\$610.47
116295	12" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$175.06	\$622.40	\$8.76	\$806.22
116296	15" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$226.48	\$1,265.44	\$11.34	\$1,503.26
116297	18" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$294.48	\$2,308.81	\$14.74	\$2,618.03
116298	21" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$310.70	\$4,140.65	\$15.56	\$4,466.91
116299	24" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$373.91	\$5,425.74	\$41.86	\$5,841.51
116300	27" Sanitary Utility Fitting - PVC, SDR-35, Gasketed	EA	\$418.69	\$6,161.12	\$46.87	\$6,626.68

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		Units	Labor	Material	Equipment	Total
116301	1-1/2" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$4.90	\$1.73	\$0.00	\$6.63
116302	2" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$4.90	\$2.35	\$0.00	\$7.25
116303	3" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$5.72	\$4.69	\$0.00	\$10.41
116304	4" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$5.72	\$6.33	\$0.00	\$12.05
116305	6" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$9.81	\$11.96	\$0.00	\$21.77
116306	8" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$10.63	\$18.60	\$0.00	\$29.23
116307	10" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$13.08	\$26.22	\$0.00	\$39.30
116308	12" Sanitary Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$13.89	\$34.74	\$0.00	\$48.63
116309	1-1/2" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.41	\$0.00	\$23.65
116310	2" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$22.87	\$2.84	\$0.00	\$25.71
116311	3" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$7.89	\$0.00	\$40.57
116312	4" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$70.26	\$14.08	\$0.00	\$84.34
116313	6" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$154.42	\$46.55	\$0.00	\$200.97
116314	8" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$186.29	\$70.69	\$0.00	\$256.98
116315	10" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$205.09	\$133.96	\$0.00	\$339.05
116316	12" Sanitary Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$217.34	\$185.24	\$0.00	\$402.58
116317	2" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$9.81	\$13.10	\$0.00	\$22.91
116318	3" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$13.08	\$17.24	\$0.00	\$30.32
116319	4" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$17.16	\$22.41	\$0.00	\$39.57
116320	5" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$20.42	\$31.62	\$0.00	\$52.04

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		Units	Labor	Material	Equipment	Total
116321	6" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$24.51	\$38.52	\$0.00	\$63.03
116322	8" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$31.87	\$59.97	\$0.00	\$91.84
116323	10" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$42.49	\$99.81	\$0.00	\$142.30
116324	12" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$45.76	\$145.01	\$0.00	\$190.77
116325	15" Sanitary Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$54.74	\$211.94	\$0.00	\$266.68
116326	2" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$40.03	\$25.96	\$0.00	\$65.99
116327	3" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$58.83	\$44.23	\$0.00	\$103.06
116328	4" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$80.07	\$61.95	\$0.00	\$142.02
116329	5" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$99.68	\$98.31	\$0.00	\$197.99
116330	6" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$112.76	\$123.37	\$0.00	\$236.13
116331	8" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$146.26	\$330.59	\$0.00	\$476.85
116332	10" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$206.72	\$505.76	\$0.00	\$712.48
116333	12" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
116334	15" Sanitary Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15
116335	4" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$13.64	\$9.87	\$0.00	\$23.51
116336	6" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$17.31	\$11.52	\$0.00	\$28.83
116337	8" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$28.23	\$15.36	\$2.01	\$45.60
116338	10" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$39.07	\$21.39	\$2.79	\$63.25
116339	12" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$43.27	\$30.72	\$3.09	\$77.08
116340	15" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$46.22	\$63.63	\$3.30	\$113.15

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		Units	Labor	Material	Equipment	Total
116341	18" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$53.81	\$73.51	\$3.84	\$131.16
116342	21" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$65.09	\$91.61	\$4.65	\$161.35
116343	24" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$73.93	\$112.45	\$26.40	\$212.78
116344	27" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$92.14	\$144.27	\$32.90	\$269.31
116345	30" Sanitary Utility Pipe - Vitrified Clay (VCP), Bell and Spigot, Gasketed Joint	LF	\$114.25	\$167.86	\$40.80	\$322.91
116346	4" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$41.96	\$45.53	\$0.00	\$87.49
116347	6" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$55.07	\$105.05	\$0.00	\$160.12
116348	8" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$89.19	\$158.10	\$4.46	\$251.75
116349	10" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$165.36	\$250.74	\$8.28	\$424.38
116350	12" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$196.08	\$352.90	\$9.82	\$558.80
116351	15" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$293.38	\$600.48	\$14.69	\$908.55
116352	18" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$344.56	\$811.85	\$17.25	\$1,173.66
116353	24" Sanitary Utility Fitting - Vitrified Clay, Bell and Spigot, Gasketed Joint	EA	\$495.35	\$1,228.75	\$55.45	\$1,779.55
116354	Internal Pipe Inspection Includes CCTV Video Files for reporting	LF	\$7.35	\$0.00	\$0.00	\$7.35
116355	Sanitary Manhole Tie-In - 10" & Dn	EA	\$326.83	\$147.01	\$0.00	\$473.84
116356	Sanitary Manhole Tie-In - 12" to 21"	EA	\$653.66	\$702.39	\$0.00	\$1,356.05
116357	Sanitary Manhole Tie-In - 24" to 36"	EA	\$980.49	\$2,286.84	\$0.00	\$3,267.33
33-32-13 Site Sanitary Manholes and Equipment						
<i>All items exclude reinforcement, excavation, or backfill, unless otherwise noted</i>						
116358	48" Dia Precast Manhole W/Cast Iron Frame & Cover- 4' Deep Traffic Rated. Includes Steps.	EA	\$792.56	\$2,803.70	\$0.00	\$3,596.26
116359	48" Dia Precast Manhole W/Cast Iron Frame & Cover- 8' Deep Traffic Rated. Includes Steps.	EA	\$1,119.39	\$4,997.90	\$0.00	\$6,117.29
116360	60" Dia Precast Manhole W/Cast Iron Frame & Cover- 12' Deep Traffic Rated. Includes Steps.	EA	\$1,446.22	\$6,917.82	\$0.00	\$8,364.04

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		Units	Labor	Material	Equipment	Total
116361	60" Dia Precast Manhole W/Cast Iron Frame & Cover- 16' Deep Traffic Rated. Includes Steps.	EA	\$1,773.05	\$9,020.60	\$0.00	\$10,793.65
116362	Cleanout Tee W/Plug- Up to 8" Pipe Cast Iron Or Plastic	EA	\$261.46	\$1,068.21	\$0.00	\$1,329.67
116363	1,000 Gallon Precast Grease Trap Traffic Rated.	EA	\$1,176.59	\$6,517.99	\$0.00	\$7,694.58
116364	2,000 Gallon Precast Grease Trap Monarch 4,500 Gallon, 2-Compartment, Traffic Rated.	EA	\$1,960.98	\$21,138.68	\$0.00	\$23,099.66
116365	4,500 Gallon Precast Grease Trap Monarch 4,500 Gallon, 2-Compartment, Traffic Rated.	EA	\$1,960.98	\$24,258.10	\$0.00	\$26,219.08
116366	7,500 Gallon Precast Grease Trap Monarch 4,500 Gallon, 2-Compartment, Traffic Rated.	EA	\$3,921.96	\$59,731.00	\$0.00	\$63,652.96

33-40-00 Stormwater Utilities

- Equipment costs exclude electrical and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Equipment hook-ups (connections) include all required pipe, fittings, valves, and specialties within in 10 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
- Equipment costs exclude concrete pads and dunnage.

- Piping items include couplings as required.
- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

33-42-00 Stormwater Conveyance

33-42-11 Stormwater Gravity Piping

Excludes excavate and backfill. Fittings represent average cost of all fitting types.

116367	12" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$41.96	\$23.48	\$0.98	\$66.42
116368	12" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$36.17	\$16.19	\$0.89	\$53.25
116369	12" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$32.36	\$13.23	\$0.80	\$46.39
116370	15" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$45.97	\$29.07	\$1.07	\$76.11
116371	15" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$39.97	\$19.26	\$0.98	\$60.21
116372	15" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$38.06	\$16.30	\$0.93	\$55.29

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		Units	Labor	Material	Equipment	Total
116373	18" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$49.97	\$31.30	\$1.16	\$82.43
116374	18" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$43.78	\$23.40	\$1.07	\$68.25
116375	18" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$41.87	\$19.46	\$1.04	\$62.37
116376	21" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$55.96	\$36.41	\$1.30	\$93.67
116377	21" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$53.29	\$27.53	\$1.30	\$82.12
116378	21" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$53.29	\$22.59	\$1.30	\$77.18
116379	24" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$59.95	\$41.52	\$3.12	\$104.59
116380	24" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$51.39	\$31.65	\$2.82	\$85.86
116381	24" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$47.59	\$25.72	\$2.62	\$75.93
116382	30" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$77.80	\$50.65	\$3.01	\$131.46
116383	30" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$67.94	\$38.80	\$2.76	\$109.50
116384	30" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$63.56	\$31.89	\$2.59	\$98.04
116385	36" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$87.01	\$60.83	\$3.53	\$151.37
116386	36" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$74.51	\$46.02	\$3.17	\$123.70
116387	36" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$70.13	\$38.12	\$3.00	\$111.25

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		Units	Labor	Material	Equipment	Total
116388	42" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$94.01	\$70.06	\$3.82	\$167.89
116389	42" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$83.28	\$54.26	\$3.54	\$141.08
116390	42" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$76.70	\$45.37	\$3.28	\$125.35
116391	48" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$98.73	\$80.27	\$4.00	\$183.00
116392	48" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$92.05	\$61.51	\$3.92	\$157.48
116393	48" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$85.47	\$51.64	\$3.65	\$140.76
116394	54" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$105.52	\$94.45	\$4.28	\$204.25
116395	54" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$96.43	\$72.73	\$4.11	\$173.27
116396	54" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$96.43	\$60.88	\$4.11	\$161.42
116397	60" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$110.24	\$103.68	\$4.47	\$218.39
116398	60" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$105.19	\$79.98	\$4.47	\$189.64
116399	60" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$109.58	\$66.16	\$4.65	\$180.39
116400	66" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$117.02	\$114.49	\$4.75	\$236.26
116401	66" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$111.77	\$88.82	\$4.75	\$205.34
116402	66" Storm Utility Pipe - Corrugated Metal (CMP), Galvanized, 16 Gauge Includes 1 Metal Band per 20 FT	LF	\$111.77	\$73.02	\$4.75	\$189.54

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		Units	Labor	Material	Equipment	Total
116403	12" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$424.44	\$286.34	\$9.88	\$720.66
116404	12" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$411.11	\$264.40	\$9.57	\$685.08
116405	12" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$403.50	\$251.24	\$9.38	\$664.12
116406	15" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$515.80	\$312.67	\$12.01	\$840.48
116407	15" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$498.67	\$281.95	\$11.60	\$792.22
116408	15" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$487.24	\$268.79	\$11.34	\$767.37
116409	18" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$607.15	\$343.39	\$14.13	\$964.67
116410	18" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$586.22	\$308.29	\$13.64	\$908.15
116411	18" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$574.80	\$290.73	\$13.37	\$878.90
116412	21" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$807.00	\$373.01	\$18.78	\$1,198.79
116413	21" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$618.57	\$333.52	\$14.40	\$966.49
116414	21" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$618.57	\$311.58	\$14.40	\$944.55

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		Units	Labor	Material	Equipment	Total
116415	24" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$913.59	\$402.64	\$47.54	\$1,363.77
116416	24" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$848.88	\$358.75	\$44.17	\$1,251.80
116417	24" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$814.61	\$332.42	\$42.39	\$1,189.42
116418	30" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,275.49	\$453.10	\$49.40	\$1,777.99
116419	30" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,187.82	\$400.44	\$46.01	\$1,634.27
116420	30" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,139.62	\$369.72	\$44.14	\$1,553.48
116421	36" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,518.75	\$532.09	\$61.62	\$2,112.46
116422	36" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,413.56	\$466.27	\$57.34	\$1,937.17
116423	36" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,358.77	\$431.16	\$55.12	\$1,845.05
116424	42" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,762.02	\$586.95	\$71.48	\$2,420.45
116425	42" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,641.48	\$516.73	\$66.60	\$2,224.81
116426	42" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,577.93	\$477.24	\$64.01	\$2,119.18

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		Units	Labor	Material	Equipment	Total
116427	48" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,987.74	\$646.19	\$80.64	\$2,714.57
116428	48" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,862.83	\$562.81	\$75.57	\$2,501.21
116429	48" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,783.93	\$518.93	\$72.37	\$2,375.23
116430	54" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,277.03	\$913.88	\$92.38	\$3,283.29
116431	54" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,200.33	\$817.34	\$89.26	\$3,106.93
116432	54" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,992.13	\$764.68	\$80.81	\$2,837.62
116433	60" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,483.03	\$968.74	\$100.73	\$3,552.50
116434	60" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,461.13	\$863.42	\$99.84	\$3,424.39
116435	60" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,202.51	\$801.98	\$89.36	\$3,093.85
116436	66" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,746.03	\$1,054.31	\$111.29	\$3,911.63
116437	66" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,739.45	\$940.21	\$111.14	\$3,790.80
116438	66" Storm Utility (CMP) Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,408.53	\$870.00	\$97.70	\$3,376.23

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		Units	Labor	Material	Equipment	Total
116439	12" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$3.89	\$30.72	\$0.93	\$35.54
116440	15" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$4.26	\$32.91	\$1.02	\$38.19
116441	18" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$4.62	\$37.30	\$1.10	\$43.02
116442	21" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$5.18	\$41.14	\$1.24	\$47.56
116443	24" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$12.40	\$44.98	\$2.97	\$60.35
116444	30" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$12.40	\$50.47	\$2.97	\$65.84
116445	36" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$14.72	\$57.05	\$3.02	\$74.79
116446	42" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$16.44	\$64.73	\$3.38	\$84.55
116447	48" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$17.74	\$72.41	\$3.65	\$93.80
116448	54" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$18.62	\$167.86	\$3.82	\$190.30
116449	60" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$19.91	\$175.54	\$4.09	\$199.54
116450	66" Storm Utility Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Metal Bands when required	EA	\$20.78	\$196.38	\$4.27	\$221.43

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		Units	Labor	Material	Equipment	Total
116451	15" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$45.97	\$30.52	\$1.07	\$77.56
116452	15" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$42.16	\$22.47	\$0.98	\$65.61
116453	15" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$40.25	\$19.00	\$0.93	\$60.18
116454	18" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$49.97	\$36.52	\$1.16	\$87.65
116455	18" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$46.16	\$27.31	\$1.07	\$74.54
116456	18" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$44.25	\$22.70	\$1.04	\$67.99
116457	21" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$50.24	\$42.37	\$1.17	\$93.78
116458	21" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$46.44	\$32.01	\$1.08	\$79.53
116459	21" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$44.54	\$26.25	\$1.04	\$71.83
116460	24" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$59.95	\$48.44	\$3.12	\$111.51
116461	24" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$54.25	\$36.92	\$2.82	\$93.99
116462	24" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$50.44	\$30.01	\$2.62	\$83.07
116463	30" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$71.23	\$45.27	\$2.76	\$119.26
116464	30" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$66.84	\$37.20	\$2.59	\$106.63
116465	30" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$77.80	\$59.10	\$3.01	\$139.91

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		Units	Labor	Material	Equipment	Total
116466	36" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$87.01	\$70.96	\$3.53	\$161.50
116467	36" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$78.23	\$53.68	\$3.17	\$135.08
116468	36" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$73.85	\$44.47	\$3.00	\$121.32
116469	42" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$94.01	\$81.73	\$3.82	\$179.56
116470	42" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$87.45	\$63.30	\$3.54	\$154.29
116471	42" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$80.87	\$52.93	\$3.28	\$137.08
116472	48" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$98.73	\$93.66	\$4.00	\$196.39
116473	48" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$96.54	\$71.76	\$3.92	\$172.22
116474	48" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$89.96	\$60.24	\$3.65	\$153.85
116475	54" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$105.52	\$110.19	\$4.28	\$219.99
116476	54" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$101.14	\$84.84	\$4.11	\$190.09
116477	54" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$101.14	\$71.02	\$4.11	\$176.27
116478	60" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$110.24	\$120.96	\$4.47	\$235.67
116479	60" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$110.24	\$93.31	\$4.47	\$208.02
116480	60" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 16 Gauge Includes 1 Metal Band per 20 LF	LF	\$114.62	\$77.19	\$4.65	\$196.46

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		Units	Labor	Material	Equipment	Total
116481	66" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 12 Gauge Includes 1 Metal Band per 20 LF	LF	\$117.02	\$133.57	\$4.75	\$255.34
116482	66" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$117.02	\$103.62	\$4.75	\$225.39
116483	66" Equivalent Storm Utility Arch Pipe - Corrugated Metal (CMPA), Galvanized, 14 Gauge Includes 1 Metal Band per 20 LF	LF	\$117.02	\$85.18	\$4.75	\$206.95
116484	15" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$515.80	\$321.45	\$12.01	\$849.26
116485	15" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$498.67	\$289.20	\$11.60	\$799.47
116486	15" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$487.24	\$275.37	\$11.34	\$773.95
116487	18" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$607.15	\$353.71	\$14.13	\$974.99
116488	18" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$586.22	\$316.84	\$13.64	\$916.70
116489	18" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$574.80	\$298.41	\$13.37	\$886.58
116490	21" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$807.00	\$380.69	\$18.78	\$1,206.47
116491	21" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$618.57	\$339.22	\$14.40	\$972.19
116492	21" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$618.57	\$316.18	\$14.40	\$949.15

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		Units	Labor	Material	Equipment	Total
116493	24" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$913.59	\$415.91	\$47.54	\$1,377.04
116494	24" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$848.88	\$369.83	\$44.17	\$1,262.88
116495	24" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$814.61	\$342.19	\$42.39	\$1,199.19
116496	30" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,275.49	\$468.90	\$49.40	\$1,793.79
116497	30" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,187.82	\$413.61	\$46.01	\$1,647.44
116498	30" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,139.62	\$381.35	\$44.14	\$1,565.11
116499	36" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,518.75	\$550.74	\$61.62	\$2,131.11
116500	36" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,413.56	\$481.63	\$57.34	\$1,952.53
116501	36" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,358.77	\$444.76	\$55.12	\$1,858.65
116502	42" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,762.02	\$608.34	\$71.48	\$2,441.84
116503	42" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,641.48	\$534.62	\$66.60	\$2,242.70
116504	42" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,577.93	\$493.15	\$64.01	\$2,135.09

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		Units	Labor	Material	Equipment	Total
116505	48" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,987.74	\$670.55	\$80.64	\$2,738.93
116506	48" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,862.83	\$583.00	\$75.57	\$2,521.40
116507	48" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,783.93	\$536.92	\$72.37	\$2,393.22
116508	54" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,277.03	\$949.98	\$92.38	\$3,319.39
116509	54" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,200.33	\$848.61	\$89.26	\$3,138.20
116510	54" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$1,992.13	\$793.31	\$80.81	\$2,866.25
116511	60" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,483.03	\$1,007.58	\$100.73	\$3,591.34
116512	60" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,461.13	\$896.99	\$99.84	\$3,457.96
116513	60" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,202.51	\$832.48	\$89.36	\$3,124.35
116514	66" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 12 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,746.03	\$1,097.43	\$111.40	\$3,954.86
116515	66" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 14 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,739.45	\$977.63	\$111.14	\$3,828.22
116516	66" Equivalent Storm Utility Arch Fitting - Galvanized, Corrugated, 16 Gauge, Banded Metal Includes 2 Metal Bands per Fitting	EA	\$2,408.53	\$903.90	\$97.70	\$3,410.13

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		Units	Labor	Material	Equipment	Total
116517	15" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$4.26	\$34.56	\$1.02	\$39.84
116518	18" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$4.62	\$39.17	\$1.10	\$44.89
116519	21" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$5.18	\$41.14	\$1.24	\$47.56
116520	24" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$12.40	\$47.24	\$2.97	\$62.61
116521	30" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$12.40	\$52.99	\$2.97	\$68.36
116522	36" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$14.72	\$59.90	\$3.02	\$77.64
116523	42" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$16.44	\$67.97	\$3.38	\$87.79
116524	48" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$17.74	\$76.03	\$3.65	\$97.42
116525	54" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$18.62	\$176.26	\$3.82	\$198.70
116526	60" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$19.91	\$184.31	\$4.09	\$208.31

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		Units	Labor	Material	Equipment	Total
116527	66" Equivalent Storm Utility Arch Band Coupling - Galvanized, Corrugated, ALL Gauges, Banded Metal Additional Arch Metal Bands when required	EA	\$20.78	\$206.21	\$4.27	\$231.26
116528	[Modifier] 12" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$20.91	\$0.00	\$20.91
116529	[Modifier] 15" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$23.75	\$0.00	\$23.75
116530	[Modifier] 18" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$29.05	\$0.00	\$29.05
116531	[Modifier] 21" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$36.70	\$0.00	\$36.70
116532	[Modifier] 24" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$44.31	\$0.00	\$44.31
116533	[Modifier] 30" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$50.73	\$0.00	\$50.73
116534	[Modifier] 36" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$60.47	\$0.00	\$60.47
116535	[Modifier] 42" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$73.48	\$0.00	\$73.48
116536	[Modifier] 48" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$85.13	\$0.00	\$85.13
116537	[Modifier] 54" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$96.80	\$0.00	\$96.80

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		Units	Labor	Material	Equipment	Total
116538	[Modifier] 60" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$107.74	\$0.00	\$107.74
116539	[Modifier] 66" or Equivalent Storm Utility Pipe Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	LF	\$0.00	\$120.51	\$0.00	\$120.51
116540	[Modifier] 12" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$234.54	\$0.00	\$234.54
116541	[Modifier] 15" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$295.11	\$0.00	\$295.11
116542	[Modifier] 18" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$336.33	\$0.00	\$336.33
116543	[Modifier] 21" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$395.61	\$0.00	\$395.61
116544	[Modifier] 24" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$456.19	\$0.00	\$456.19
116545	[Modifier] 30" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$568.30	\$0.00	\$568.30
116546	[Modifier] 36" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$787.36	\$0.00	\$787.36
116547	[Modifier] 42" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$815.72	\$0.00	\$815.72
116548	[Modifier] 48" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$844.07	\$0.00	\$844.07
116549	[Modifier] 54" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$938.14	\$0.00	\$938.14

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		Units	Labor	Material	Equipment	Total
116550	[Modifier] 60" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$1,033.50	\$0.00	\$1,033.50
116551	[Modifier] 66" or Equivalent Storm Utility Fitting Polymer Coating Can be applied cumulatively to base line items chosen within 33-42-11.	EA	\$0.00	\$1,132.73	\$0.00	\$1,132.73
116552	4" PVC Schedule 40 Drain Tile w/ Filter Fabric - Solvent Cement (Includes Fittings) Solid Core Pipe, Socket Fittings	LF	\$5.72	\$3.67	\$0.00	\$9.39
116553	6" PVC Schedule 40 Drain Tile w/ Filter Fabric - Solvent Cement (Includes Fittings) Solid Core Pipe, Socket Fittings	LF	\$9.81	\$6.67	\$0.00	\$16.48
116554	4" Storm Water Utility Pipe - HDPE, Perforated, Solid Core, Includes Fittings	LF	\$11.44	\$2.19	\$0.00	\$13.63
116555	6" Storm Water Utility Pipe - HDPE, Perforated, Solid Core, Includes Fittings	LF	\$15.52	\$2.88	\$0.00	\$18.40
116556	8" Storm Water Utility Pipe - HDPE, Perforated, Solid Core, Includes Fittings	LF	\$16.34	\$4.33	\$0.00	\$20.67
116557	4" Storm Water Utility Pipe - HDPE, Perforated, Flexible, Includes Fittings	LF	\$4.08	\$2.55	\$0.00	\$6.63
116558	6" Storm Water Utility Pipe - HDPE, Perforated, Flexible, Includes Fittings	LF	\$8.18	\$3.04	\$0.00	\$11.22
116559	4" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 252	LF	\$10.27	\$2.93	\$0.00	\$13.20
116560	6" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 252	LF	\$14.38	\$6.03	\$0.00	\$20.41
116561	8" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 252	LF	\$17.80	\$9.93	\$0.00	\$27.73
116562	10" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 252	LF	\$21.23	\$13.35	\$0.00	\$34.58
116563	12" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$22.60	\$12.01	\$0.00	\$34.61

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		Units	Labor	Material	Equipment	Total
116564	15" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$26.54	\$20.11	\$0.43	\$47.08
116565	18" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$29.49	\$23.71	\$2.37	\$55.57
116566	21" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$32.43	\$31.00	\$2.61	\$66.04
116567	24" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$43.07	\$38.28	\$2.28	\$83.63
116568	30" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$50.24	\$54.37	\$2.66	\$107.27
116569	36" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$58.32	\$72.47	\$3.08	\$133.87
116570	42" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$69.09	\$97.82	\$3.65	\$170.56
116571	48" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$77.16	\$126.90	\$4.07	\$208.13
116572	60" Storm Utility Pipe - HDPE, Corrugated, Double Wall, Banded Plastic Complies with ASTM F2648 and AASHTO M 294	LF	\$83.44	\$184.25	\$4.40	\$272.09
116573	4" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$119.82	\$42.66	\$0.00	\$162.48
116574	6" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$140.36	\$67.04	\$0.00	\$207.40
116575	8" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$161.59	\$94.47	\$0.00	\$256.06

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		Units	Labor	Material	Equipment	Total
116576	10" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$202.66	\$201.14	\$0.00	\$403.80
116577	12" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$206.77	\$271.23	\$0.00	\$478.00
116578	15" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$280.11	\$771.02	\$14.03	\$1,065.16
116579	18" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$345.71	\$1,097.10	\$17.31	\$1,460.12
116580	21" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$375.20	\$1,607.56	\$18.79	\$2,001.55
116581	24" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$492.60	\$2,118.01	\$36.25	\$2,646.86
116582	30" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$659.49	\$3,266.92	\$48.53	\$3,974.94
116583	36" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$837.14	\$4,327.45	\$61.59	\$5,226.18
116584	42" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$1,027.36	\$6,482.03	\$75.59	\$7,584.98
116585	48" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$1,522.66	\$7,240.86	\$88.60	\$8,852.12
116586	60" Storm Utility Fitting - HDPE Belled End Watertight For HDPE Corrugated, Double Wall, Banded Plastic Pipe	EA	\$1,522.66	\$11,586.60	\$112.03	\$13,221.29
116587	12" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$83.54	\$59.24	\$7.80	\$150.58
116588	12" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$83.54	\$59.24	\$7.80	\$150.58
116589	12" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$83.54	\$59.24	\$7.80	\$150.58
116590	15" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$91.99	\$61.44	\$8.59	\$162.02

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		Units	Labor	Material	Equipment	Total
116591	15" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$91.99	\$61.44	\$8.59	\$162.02
116592	15" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$91.99	\$61.44	\$8.59	\$162.02
116593	18" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$100.45	\$49.37	\$9.37	\$159.19
116594	18" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$100.45	\$50.47	\$9.37	\$160.29
116595	18" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$100.45	\$75.04	\$9.37	\$184.86
116596	21" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$109.97	\$60.89	\$10.27	\$181.13
116597	21" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$109.97	\$62.53	\$10.27	\$182.77
116598	21" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$109.97	\$93.47	\$10.27	\$213.71
116599	24" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$117.37	\$72.41	\$10.96	\$200.74
116600	24" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$117.37	\$74.60	\$10.96	\$202.93
116601	24" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$117.37	\$111.90	\$10.96	\$240.23
116602	27" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$144.89	\$86.12	\$10.06	\$241.07
116603	27" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$144.89	\$89.41	\$10.06	\$244.36
116604	27" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$144.89	\$132.31	\$10.06	\$287.26
116605	30" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$154.63	\$99.84	\$10.74	\$265.21

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		Units	Labor	Material	Equipment	Total
116606	30" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$154.63	\$104.22	\$10.74	\$269.59
116607	30" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$154.63	\$152.72	\$10.74	\$318.09
116608	36" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$181.41	\$129.46	\$12.60	\$323.47
116609	36" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$181.41	\$134.94	\$12.60	\$328.95
116610	36" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$181.41	\$204.06	\$12.60	\$398.07
116611	42" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$205.76	\$165.66	\$14.29	\$385.71
116612	42" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$205.76	\$171.15	\$14.29	\$391.20
116613	42" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$205.76	\$254.09	\$14.29	\$474.14
116614	48" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$232.55	\$205.16	\$16.16	\$453.87
116615	48" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$232.55	\$213.93	\$16.16	\$462.64
116616	48" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$232.55	\$315.96	\$16.16	\$564.67
116617	54" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$261.77	\$261.11	\$18.19	\$541.07
116618	54" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$261.77	\$385.74	\$18.19	\$665.70
116619	54" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$261.77	\$250.14	\$18.19	\$530.10
116620	60" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$292.20	\$297.31	\$22.28	\$611.79

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		Units	Labor	Material	Equipment	Total
116621	60" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$292.20	\$311.58	\$22.28	\$626.06
116622	60" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$292.20	\$460.78	\$22.28	\$775.26
116623	66" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$328.74	\$495.89	\$25.06	\$849.69
116624	66" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$328.74	\$515.64	\$25.06	\$869.44
116625	66" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$328.74	\$630.83	\$25.06	\$984.63
116626	72" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$362.82	\$577.07	\$27.66	\$967.55
116627	72" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Bell & Spigot Includes Rubber Gasket(s)	LF	\$362.82	\$603.40	\$27.66	\$993.88
116628	72" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$362.82	\$746.03	\$27.66	\$1,136.51
116629	78" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$401.79	\$663.75	\$30.62	\$1,096.16
116630	78" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$401.79	\$863.42	\$30.62	\$1,295.83
116631	84" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$441.97	\$757.00	\$33.70	\$1,232.67
116632	84" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$441.97	\$984.10	\$33.70	\$1,459.77
116633	96" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Bell & Spigot Includes Rubber Gasket(s)	LF	\$484.58	\$962.16	\$36.94	\$1,483.68
116634	96" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3750D Class 5, Bell & Spigot Includes Rubber Gasket(s)	LF	\$528.41	\$1,250.69	\$40.28	\$1,819.38

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		Units	Labor	Material	Equipment	Total
116635	12" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$122.66	\$59.24	\$11.45	\$193.35
116636	12" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$122.66	\$59.24	\$11.45	\$193.35
116637	15" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$127.81	\$61.44	\$11.93	\$201.18
116638	15" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$127.81	\$61.44	\$11.93	\$201.18
116639	18" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$144.07	\$38.40	\$13.44	\$195.91
116640	18" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$144.07	\$41.69	\$13.44	\$199.20
116641	21" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$159.28	\$43.88	\$14.87	\$218.03
116642	21" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$159.28	\$47.72	\$14.87	\$221.87
116643	24" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$174.47	\$49.37	\$16.28	\$240.12
116644	24" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$174.47	\$53.76	\$16.28	\$244.51
116645	27" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$219.62	\$60.34	\$15.26	\$295.22
116646	27" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$219.62	\$65.83	\$15.26	\$300.71

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		Units	Labor	Material	Equipment	Total
116647	30" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$235.90	\$71.31	\$16.39	\$323.60
116648	30" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$235.90	\$77.89	\$16.39	\$330.18
116649	36" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$279.43	\$115.20	\$19.41	\$414.04
116650	36" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$279.43	\$125.07	\$19.41	\$423.91
116651	42" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$321.74	\$153.59	\$22.36	\$497.69
116652	42" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$321.74	\$166.76	\$22.36	\$510.86
116653	48" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$364.04	\$191.99	\$25.30	\$581.33
116654	48" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$364.04	\$208.45	\$25.30	\$597.79
116655	54" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$410.01	\$233.68	\$28.49	\$672.18
116656	54" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$410.01	\$253.43	\$28.49	\$691.93
116657	60" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$457.18	\$278.66	\$34.86	\$770.70
116658	60" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$457.18	\$301.70	\$34.86	\$793.74

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		Units	Labor	Material	Equipment	Total
116659	66" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$504.37	\$495.89	\$38.44	\$1,038.70
116660	66" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$504.37	\$495.89	\$38.44	\$1,038.70
116661	72" Storm Water Utility Pipe - Reinforced Concrete (RCP), 2000D Class 3, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$539.37	\$577.07	\$41.11	\$1,157.55
116662	72" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$539.37	\$577.07	\$41.11	\$1,157.55
116663	78" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$601.16	\$663.75	\$45.83	\$1,310.74
116664	84" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$660.51	\$757.00	\$50.35	\$1,467.86
116665	96" Storm Water Utility Pipe - Reinforced Concrete (RCP), 3000D Class 4, Tongue & Groove (T&G) Requires Grout or Mastic Tape	LF	\$757.31	\$962.16	\$57.73	\$1,777.20
116666	1-1/2" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$4.90	\$1.73	\$0.00	\$6.63
116667	2" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$4.90	\$2.35	\$0.00	\$7.25
116668	3" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$5.72	\$4.69	\$0.00	\$10.41
116669	4" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$5.72	\$6.33	\$0.00	\$12.05
116670	6" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$9.81	\$11.96	\$0.00	\$21.77
116671	8" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$10.63	\$18.60	\$0.00	\$29.23
116672	10" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$13.08	\$26.22	\$0.00	\$39.30
116673	12" Storm Utility Pipe - PVC, Schedule 40, DWV, Solvent Cement	LF	\$13.89	\$34.74	\$0.00	\$48.63

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		Units	Labor	Material	Equipment	Total
116674	1-1/2" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$21.24	\$2.41	\$0.00	\$23.65
116675	2" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$22.87	\$2.84	\$0.00	\$25.71
116676	3" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$32.68	\$7.89	\$0.00	\$40.57
116677	4" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$70.26	\$14.08	\$0.00	\$84.34
116678	6" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$154.42	\$46.55	\$0.00	\$200.97
116679	8" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$186.29	\$70.69	\$0.00	\$256.98
116680	10" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$205.09	\$133.96	\$0.00	\$339.05
116681	12" Storm Utility Fitting - PVC, Schedule 40, DWV, Solvent Cement	EA	\$217.34	\$185.24	\$0.00	\$402.58
116682	2" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$9.81	\$13.10	\$0.00	\$22.91
116683	3" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$13.08	\$17.24	\$0.00	\$30.32
116684	4" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$17.16	\$22.41	\$0.00	\$39.57
116685	5" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$20.42	\$31.62	\$0.00	\$52.04
116686	6" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$24.51	\$38.52	\$0.00	\$63.03
116687	8" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$31.87	\$59.97	\$0.00	\$91.84
116688	10" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$42.49	\$99.81	\$0.00	\$142.30
116689	12" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$45.76	\$145.01	\$0.00	\$190.77
116690	15" Storm Utility Pipe - Cast Iron, Service Weight, Single Hub, Gasketed Joint	LF	\$54.74	\$211.94	\$0.00	\$266.68
116691	2" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$40.03	\$25.96	\$0.00	\$65.99
116692	3" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$58.83	\$44.23	\$0.00	\$103.06
116693	4" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$80.07	\$61.95	\$0.00	\$142.02

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		Units	Labor	Material	Equipment	Total
116694	5" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$99.68	\$98.31	\$0.00	\$197.99
116695	6" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$112.76	\$123.37	\$0.00	\$236.13
116696	8" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$146.26	\$330.59	\$0.00	\$476.85
116697	10" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$206.72	\$505.76	\$0.00	\$712.48
116698	12" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$260.65	\$1,133.38	\$0.00	\$1,394.03
116699	15" Storm Utility Fitting - Cast Iron, Service Weight, Single Hub, Gasketed Joint	EA	\$343.99	\$1,890.16	\$0.00	\$2,234.15
116700	4" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$5.04	\$2.91	\$0.00	\$7.95
116701	6" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$8.21	\$6.73	\$0.00	\$14.94
116702	8" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$9.86	\$12.24	\$0.00	\$22.10
116703	10" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$13.27	\$19.02	\$0.17	\$32.46
116704	12" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$15.93	\$27.37	\$0.22	\$43.52
116705	15" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$19.46	\$40.39	\$0.26	\$60.11
116706	18" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$23.00	\$58.51	\$0.31	\$81.82
116707	21" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$24.77	\$84.11	\$0.33	\$109.21
116708	24" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$28.30	\$112.15	\$1.90	\$142.35
116709	27" Storm Utility Pipe - PVC, SDR-35, Gasketed	LF	\$29.19	\$168.22	\$1.96	\$199.37
116710	4" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$68.06	\$26.99	\$0.00	\$95.05
116711	6" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$103.90	\$53.42	\$0.00	\$157.32
116712	8" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$120.84	\$159.24	\$0.00	\$280.08
116713	10" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$166.77	\$435.35	\$8.35	\$610.47
116714	12" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$175.06	\$622.40	\$8.76	\$806.22
116715	15" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$226.48	\$1,265.44	\$11.34	\$1,503.26
116716	18" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$294.48	\$2,308.81	\$14.74	\$2,618.03
116717	21" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$310.70	\$4,140.65	\$15.56	\$4,466.91
116718	24" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$373.91	\$5,425.74	\$41.86	\$5,841.51
116719	27" Storm Utility Fitting - PVC, SDR-35, Gasketed	EA	\$418.69	\$6,161.12	\$46.87	\$6,626.68

33-42-31 Stormwater Area Drains and Inlets

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		Units	Labor	Material	Equipment	Total
<i>All items exclude reinforcement, excavation, or backfill, unless otherwise noted</i>						
116720	36" ø Corrugated Metal Pipe (CMP) Inlet Structure with Concrete Base & Grate (or solid lid) Premanufactured CMP Inlet includes side outlet stub and Inlet hole (6"-12") to match diameters needed. May be used for ditch drainage with slots in lieu of pipe openings. 48" ø Concrete Base x 6" thick. Grate/Lid to include hardware and chain	EA	\$595.14	\$3,962.85	\$177.16	\$4,735.15
116721	12" Square Precast Catch Basin W/Cast Iron Frame & Grate - 4'-6' Deep Install Traffic Rated Storm Inlet similar to Oldcastle Infrastructure 1212CV Cast-in-place base (if required) - is separate UPB item	EA	\$350.73	\$1,109.89	\$178.93	\$1,639.55
116722	12" Square Precast Catch Basin W/Cast Iron Frame & Grate - 7'-9' Deep Install Traffic Rated Storm Inlet similar to Oldcastle Infrastructure 1212CV Cast-in-place base (if required) - is separate UPB item	EA	\$596.24	\$1,806.02	\$304.18	\$2,706.44
116723	24" Square Precast Catch Basin W/Cast Iron Frame & Grate - 4' Deep Traffic Rated. Includes Steps.	EA	\$490.24	\$1,158.05	\$0.00	\$1,648.29
116724	24" Square Precast Catch Basin W/Cast Iron Frame & Grate - 8' Deep Traffic Rated. Includes Steps.	EA	\$514.75	\$1,706.60	\$0.00	\$2,221.35
116725	48" Square Precast Catch Basin W/Cast Iron Frame & Grate - 4' Deep Traffic Rated. Includes Steps.	EA	\$678.18	\$2,285.62	\$0.00	\$2,963.80
116726	48" Square Precast Catch Basin W/Cast Iron Frame & Grate - 8' Deep Traffic Rated. Includes Steps.	EA	\$890.62	\$3,961.75	\$0.00	\$4,852.37
116727	48" Dia Precast Manhole W/Cast Iron Frame & Cover - 4' Deep Traffic Rated. Includes Steps.	EA	\$792.56	\$2,803.70	\$0.00	\$3,596.26
116728	48" Dia Precast Manhole W/Cast Iron Frame & Cover - 8' Deep Traffic Rated. Includes Steps.	EA	\$1,119.39	\$4,997.90	\$0.00	\$6,117.29
116729	60" Dia Precast Manhole W/Cast Iron Frame & Cover - 12' Deep Traffic Rated. Includes Steps.	EA	\$1,446.22	\$6,917.82	\$0.00	\$8,364.04
116730	60" Dia Precast Manhole W/Cast Iron Frame & Cover - 16' Deep Traffic Rated. Includes Steps.	EA	\$1,773.05	\$9,020.60	\$0.00	\$10,793.65
116731	Yard or Area Drain Simple non-precast (complete) structure, including pipe riser, grate and final raising to grade	EA	\$326.83	\$570.00	\$0.00	\$896.83

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		Units	Labor	Material	Equipment	Total
116732	6" Trench Drain - Polymer Body & Ductile Iron Grate	LF	\$26.97	\$195.04	\$0.00	\$222.01
116733	12" Trench Drain - HDPE Body & Ductile Iron Grate Includes Outlet and End Cap. Zurn Z882 or equal. Excludes excavation or concrete.	LF	\$4.77	\$270.51	\$0.00	\$275.28
116734	12" Trench Drain - HDPE Body & Ductile Iron Heel Proof Grate Includes Outlet and End Cap. Zurn Z882 w/ P12-GHPD or equal. Excludes excavation or concrete.	LF	\$5.96	\$336.14	\$0.00	\$342.10
116735	Headwall - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - Less than 1 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$1,835.93	\$550.13	\$21.00	\$2,407.06
116736	Headwall - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 1-2 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$982.70	\$434.60	\$11.01	\$1,428.31
116737	Headwall - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 2-3 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$915.38	\$408.10	\$34.99	\$1,358.47
116738	Headwall - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 3-4 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$761.30	\$397.50	\$87.00	\$1,245.80
116739	Headwall - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - More than 4 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$714.69	\$376.31	\$65.00	\$1,156.00
116740	Headwall with Foundation Footing - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 2-3 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$878.47	\$415.52	\$8.00	\$1,301.99
116741	Headwall with Foundation Footing - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 3-4 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$844.81	\$405.98	\$97.00	\$1,347.79

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		Units	Labor	Material	Equipment	Total
116742	Headwall with Foundation Footing - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - More than 4 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$961.99	\$394.32	\$88.00	\$1,444.31
116743	Headwall with Wingwalls and Outfall Slab - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - Less than 1 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$2,434.09	\$580.88	\$23.00	\$3,037.97
116744	Headwall with Wingwalls and Outfall Slab - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 1-2 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$1,475.35	\$530.00	\$16.00	\$2,021.35
116745	Headwall with Wingwalls and Outfall Slab - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 2-3 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$1,337.45	\$517.28	\$13.00	\$1,867.73
116746	Headwall with Wingwalls and Outfall Slab - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - From 3-4 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$1,116.70	\$511.98	\$128.00	\$1,756.68
116747	Headwall with Wingwalls and Outfall Slab - Concrete at Piping Outlet for Single or Dual 12"- 48" Pipe - More than 4 CY Includes formwork and any required chamfers, keyways, or thickened sections.	CY	\$1,085.63	\$484.42	\$99.00	\$1,669.05
116748	Culvert - Concrete Cast-In-Place Reinforced Concrete	CY	\$163.42	\$152.38	\$0.00	\$315.80
116749	Cleanout Tee W/Plug- Up to 8" Pipe Cast Iron Or Plastic	EA	\$522.93	\$1,223.02	\$0.00	\$1,745.95
33-46-23	Modular Buried Stormwater Storage Units					
116750	Stormtech SC-310 Chamber- Includes Excavation, Backfill & Stone Base 34" Wide X 16" High X 85.4" Long, 14.7 Cf Chamber Storage, 35.7 Cf Of Storage W/12" Stone Foundation.	EA	\$135.63	\$169.44	\$0.00	\$305.07

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		Units	Labor	Material	Equipment	Total
116751	Stormtech SC-740 Chamber- Includes Excavation, Backfill & Stone Base 51" Wide X 30" High X 85.4" Long, 45.9 Cf Chamber Storage, 81.7 Cf Of Storage W/12" Stone Foundation.	EA	\$218.97	\$377.89	\$0.00	\$596.86
116752	Stormtech MC-3500 Chamber- Includes Excavation, Backfill & Stone Base 77" Wide X 45" High X 86" Long, 109.9 Cf Chamber Storage, 184.0 Cf Of Storage W/12" Stone Foundation.	EA	\$512.30	\$727.74	\$0.00	\$1,240.04
116753	Stormtech MC-4500 Chamber- Includes Excavation, Backfill & Stone Base 100" Wide X 60" High X 48.3" Long, 106.5 Cf Chamber Storage, 166.3 Cf Of Storage W/12" Stone Foundation.	EA	\$405.27	\$659.48	\$0.00	\$1,064.75

33-44-00 Stormwater Utility Equipment

33-44-26 Stormwater Catch Basin Insert Filters

116754	Catch Basin or Curb Inlet Filter Basket	EA	\$163.42	\$804.54	\$0.00	\$967.96
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33-50-00 Hydrocarbon Utilities

- Equipment costs exclude electrical and piping hook-ups (connections) unless stated otherwise. The contractor is responsible for adding these additional items as required.
- Equipment hook-ups (connections) include all required pipe, fittings, valves, and specialties within in 10 LF of the point of connection for proper operation. Reference contract documents and/or applicable codes and standards for details.
- Equipment costs exclude concrete pads and dunnage.

- Piping items include couplings as required.
- Pipe fitting items reflect the average cost of all fitting types and should be quantified as such. Fittings exclude couplings, valves, and specialties.

33-52-00 Hydrocarbon Transmission and Distribution

33-52-16 Gas Hydrocarbon Piping

Excludes excavate and backfill. Fittings represent average cost of all fitting types.

116755	1-1/4" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$4.82	\$3.89	\$0.00	\$8.71
116756	1-1/2" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$4.82	\$3.89	\$0.00	\$8.71
116757	2" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$5.39	\$4.83	\$0.00	\$10.22
116758	3" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$6.37	\$10.07	\$0.00	\$16.44
116759	4" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$13.81	\$23.01	\$0.00	\$36.82
116760	6" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$14.95	\$71.77	\$0.00	\$86.72
116761	8" Natural Gas Pipe - Polyethylene, SDR-11, Includes Fittings	LF	\$17.97	\$97.52	\$0.00	\$115.49

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		Units	Labor	Material	Equipment	Total
33-70-00 Electrical Utilities						
33-71-00 Electrical Utility Transmission and Distribution						
33-71-15 Electrical Overhead Utilities						
116762	Remove Utility Pole - Wood	EA	\$627.72	\$292.71	\$0.00	\$920.43
116763	Remove Utility Pole Connection Includes removal of the existing cable from the existing pole.	EA	\$627.72	\$2,925.60	\$0.00	\$3,553.32
116764	Service Entry Wedge Clamp	EA	\$13.02	\$12.14	\$0.00	\$25.16
116765	Overhead Utility - Hendrix Aerial Spacer Cable System	EA	\$313.86	\$1,174.63	\$0.00	\$1,488.49
116766	5KV Individual Aerial Cable	LF	\$35.30	\$15.69	\$0.00	\$50.99
116767	15KV Overhead Triplex cable	LF	\$35.30	\$42.06	\$0.00	\$77.36
116768	35KV Overhead Triplex Cable	LF	\$58.85	\$109.71	\$0.00	\$168.56
116769	Overhead Telecommunications Cable	LF	\$23.54	\$6.22	\$0.00	\$29.76
116770	Utility Pole Connection Includes reconnection of the existing cable to the new pole.	EA	\$627.72	\$2,925.60	\$0.00	\$3,553.32
116771	Utility Pole Mounted - Current Limiting Fused Cutouts	EA	\$627.72	\$566.10	\$0.00	\$1,193.82
116772	Utility Pole Mounted - Current Transformer (CT) / Potential Transformer (PT) Metering	EA	\$1,255.43	\$17,841.77	\$0.00	\$19,097.20
116773	Utility Pole Mounted - Transformer 15KV to 480V	EA	\$627.72	\$5,441.62	\$0.00	\$6,069.34
116774	Utility Pole Mounted - Gang Operated Air Break (GOAB)	EA	\$1,255.43	\$5,929.70	\$0.00	\$7,185.13
116775	40' Wood Utility Pole - Creosoted	EA	\$627.72	\$2,779.32	\$0.00	\$3,407.04
116776	58' Wood Utility Pole - Creosoted	EA	\$2,510.86	\$4,242.12	\$0.00	\$6,752.98
116777	58' Wood Utility Pole - Creosoted w/ 4' Crossarm	EA	\$2,510.86	\$4,534.68	\$0.00	\$7,045.54
116778	Utility Pole Guy Wire Assembly	EA	\$627.72	\$1,097.10	\$0.00	\$1,724.82
33-71-19 Electrical Underground Utilities						
<i>Excludes excavate and backfill.</i>						
116779	2 X 2 Plus 1.5" PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$13.34	\$71.68	\$0.00	\$85.02
116780	2" X 4 Plus 1.5" PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$14.12	\$83.38	\$0.00	\$97.50
116781	2" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$19.62	\$42.42	\$0.00	\$62.04
116782	2" X 2 Sch 80 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$12.56	\$76.07	\$0.00	\$88.63

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		Units	Labor	Material	Equipment	Total
116783	2" X 6 Sch 80 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$14.12	\$103.86	\$0.00	\$117.98
116784	3" X 2 + 2" X 2 Sch 40 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$28.24	\$70.21	\$0.00	\$98.45
116785	3" X 1 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$19.62	\$33.64	\$0.00	\$53.26
116786	3" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$25.10	\$46.81	\$0.00	\$71.91
116787	3" X 4 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$23.54	\$61.44	\$0.00	\$84.98
116788	3" X 6 Plus 1" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$39.24	\$122.88	\$0.00	\$162.12
116789	4 X 5" PVC Duct Bank w/3 Interducts per Conduit PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes 3 Interducts within each duct, and all conduit Accessories, sweeps, couplers and glue.	LF	\$36.10	\$121.41	\$0.00	\$157.51
116790	4"+ 2" PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$15.70	\$43.88	\$0.00	\$59.58
116791	4" X 10 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$133.11	\$0.00	\$180.19

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		Units	Labor	Material	Equipment	Total
116792	4" X 12 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$62.77	\$280.86	\$0.00	\$343.63
116793	4" X 16 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$78.46	\$187.24	\$0.00	\$265.70
116794	4" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$19.62	\$55.59	\$0.00	\$75.21
116795	4" X 2 + 2" PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$23.54	\$59.97	\$0.00	\$83.51
116796	4" X 4 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$35.30	\$67.29	\$0.00	\$102.59
116797	4" X 4 Schedule 80 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$39.24	\$108.25	\$0.00	\$147.49
116798	4" X 4 PVC Duct Bank w/3 Interducts per Conduit PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes 3 Interducts within each duct, and all conduit Accessories, sweeps, couplers and glue.	LF	\$35.30	\$101.81	\$0.00	\$137.11
116799	4"X 4 + 2"X 1 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$39.24	\$93.62	\$0.00	\$132.86
116800	4" X 6 + 2"X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$54.92	\$169.68	\$0.00	\$224.60

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		Units	Labor	Material	Equipment	Total
116801	4" X 8 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$43.16	\$125.80	\$0.00	\$168.96
116802	4" X 8 PVC Duct Bank w/3 Interducts per Conduit PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes 3 Interducts within each duct, and all conduit Accessories, sweeps, couplers and glue.	LF	\$70.62	\$203.62	\$0.00	\$274.24
116803	4" X 9 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$163.83	\$0.00	\$210.91
116804	5" X 16 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$70.62	\$243.56	\$0.00	\$314.18
116805	5" X 10 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$51.00	\$172.61	\$0.00	\$223.61
116806	5" X 12 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$155.06	\$0.00	\$202.14
116807	5" X 18 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$70.62	\$243.56	\$0.00	\$314.18
116808	5" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$27.46	\$74.60	\$0.00	\$102.06
116809	5" X 3 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$31.38	\$62.90	\$0.00	\$94.28

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		Units	Labor	Material	Equipment	Total
116810	5" X 4 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$35.30	\$92.16	\$0.00	\$127.46
116811	5" X 4 FRE Duct Bank Fiberglass Reinforced Epoxy Duct shall be encapsulated in an internally steam cured corrosion resistant epoxy resin system	LF	\$35.30	\$109.71	\$0.00	\$145.01
116812	5 X 4" PVC Duct Bank w/3 Interducts per Conduit PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes 3 Interducts within each duct, and all conduit Accessories, sweeps, couplers and glue.	LF	\$36.10	\$111.17	\$0.00	\$147.27
116813	5" X 4 + 2.5" X 1 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$31.38	\$74.60	\$0.00	\$105.98
116814	5" X 6 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$133.11	\$0.00	\$180.19
116815	5" X 6 + 2.5" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$150.67	\$0.00	\$197.75
116816	5" X 8 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$140.43	\$0.00	\$187.51
116817	5" X 8 + 2" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$150.67	\$0.00	\$197.75
116818	5" X 9 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$47.08	\$140.43	\$0.00	\$187.51

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		Units	Labor	Material	Equipment	Total
116819	6" X 10 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$51.00	\$160.91	\$0.00	\$211.91
116820	6" X 16 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$102.00	\$292.56	\$0.00	\$394.56
116821	6" X 2 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$39.24	\$108.25	\$0.00	\$147.49
116822	6" X 24 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$117.70	\$336.44	\$0.00	\$454.14
116823	6" X 4 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$54.92	\$130.19	\$0.00	\$185.11
116824	6 X 4" PVC Duct Bank w/3 Interducts per Conduit PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes 3 Interducts within each duct, and all conduit Accessories, sweeps, couplers and glue.	LF	\$36.10	\$125.80	\$0.00	\$161.90
116825	6 X 5" PVC Duct Bank w/3 Interducts per Conduit PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes 3 Interducts within each duct, and all conduit Accessories, sweeps, couplers and glue.	LF	\$36.10	\$133.11	\$0.00	\$169.21
116826	6" X 6 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$58.85	\$153.59	\$0.00	\$212.44
116827	6" X 8 PVC Duct Bank PVC Duct shall be Schedule 40 Electrical grade conduit with integrally cast end bells. Includes all conduit Accessories, sweeps, couplers and glue.	LF	\$51.00	\$146.28	\$0.00	\$197.28

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		Units	Labor	Material	Equipment	Total
116828	4 PVC Duct Shoes Made of vinyl ester fiberglass reinforced plastic	EA	\$11.76	\$8.19	\$0.00	\$19.95
116829	5 PVC Duct Shoes Made of vinyl ester fiberglass reinforced plastic	EA	\$11.76	\$8.63	\$0.00	\$20.39
116830	Trench Bedding Envelope Matl - Sand May be also be used for 100% backfill	CY	\$39.24	\$40.23	\$0.00	\$79.47
116831	24" Sonotube Concrete forming tool for supports and columns	LF	\$7.84	\$10.20	\$0.00	\$18.04
116832	30" Sonotube Concrete forming tool for supports and columns	LF	\$7.84	\$12.93	\$0.00	\$20.77
116833	Quazite Electrical Handhole 12X14X14	EA	\$156.93	\$262.39	\$0.00	\$419.32
116834	Quazite Electrical Handhole 25 X 15 X 18	EA	\$235.39	\$294.39	\$0.00	\$529.78
116835	Quazite Electrical Handhole 36" x 36" x 30"	EA	\$235.39	\$413.42	\$0.00	\$648.81
116836	Quazite Electrical Handhole 48" x 48" x 36"	EA	\$627.72	\$669.41	\$0.00	\$1,297.13
116837	Hand Excavation, Backfill	CY	\$156.93	\$12.47	\$0.00	\$169.40
116838	Excavation and Backfill	CY	\$18.04	\$12.36	\$0.00	\$30.40
116839	Boring 3" to 5" PVC	LF	\$54.92	\$18.28	\$0.00	\$73.20
116840	Boring up to 2" PVC	LF	\$35.30	\$12.19	\$0.00	\$47.49
116841	Pole Auger, Backfill, and Tamp	EA	\$156.93	\$153.59	\$0.00	\$310.52
116842	Electrical Vault: 10' L X 6' W X 7' H w/ 36" Entry	EA	\$3,766.30	\$10,037.25	\$0.00	\$13,803.55
116843	Telecom Vault: 6' L X 6' W X 6' H w/ 36" Entry	EA	\$3,138.58	\$7,977.93	\$0.00	\$11,116.51
116844	Generator / Transformer Pad	SF	\$7.84	\$18.28	\$0.00	\$26.12
116845	Switch / Transformer Pad w/4' Vault	EA	\$1,255.43	\$4,973.52	\$0.00	\$6,228.95
33-71-26 Transmission and Distribution Equipment						
116846	Gas Insulated SF6 Two Bay Medium Voltage Switch	EA	\$2,824.72	\$72,896.20	\$0.00	\$75,720.92
116847	Gas Insulated SF6 Three Bay Medium Voltage Switch	EA	\$3,766.30	\$106,053.00	\$0.00	\$109,819.30
116848	Gas Insulated SF6 Four Bay Medium Voltage Switch	EA	\$4,707.87	\$136,528.00	\$0.00	\$141,235.87
116849	Gas Insulated SF6 Five Bay Medium Voltage Switch	EA	\$5,649.44	\$167,003.00	\$0.00	\$172,652.44
116850	Gas Insulated SF6 Six Bay Medium Voltage Switch	EA	\$6,277.16	\$197,478.00	\$0.00	\$203,755.16
33-79-00 Site Lighting						
33-79-13 Site Improvement Grounding						
116851	LED Exterior Backlighting Dome Light	EA	\$156.93	\$492.73	\$0.00	\$649.66
116852	6" wide Indirect Linear LED Wet Location	LF	\$196.17	\$353.78	\$0.00	\$549.95
116853	LED Exterior Wall Mounted Accent Light	EA	\$313.86	\$492.73	\$0.00	\$806.59
116854	Alight ACL Indirect Linear LED Wet Location	EA	\$196.17	\$550.38	\$0.00	\$746.55
116855	Lumenpulse LOI-HO LED Inground Light	EA	\$196.17	\$795.92	\$0.00	\$992.09

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		Units	Labor	Material	Equipment	Total
116856	Unique APST-12-L730 In Ground Light	EA	\$234.27	\$425.24	\$0.00	\$659.51
116857	Teron Charparral Ground Mounted Flagpole light	EA	\$196.17	\$195.83	\$0.00	\$392.00
116858	Lumiere Cambria LED Ground Mounted Landscape Light	EA	\$117.69	\$155.95	\$0.00	\$273.64
116859	BK HP 2 LED Ground Mounted Flagpole light	EA	\$196.17	\$794.85	\$0.00	\$991.02
116860	Ligman UKI LED Ground Mounted Flagpole light	EA	\$196.17	\$794.85	\$0.00	\$991.02
116861	Winonia Step 13 LED Exterior	EA	\$235.39	\$559.34	\$0.00	\$794.73
116862	8" Wet Location Down Light LED	EA	\$156.93	\$328.95	\$0.00	\$485.88
116863	4" Wet Location Down Light LED	EA	\$156.93	\$264.95	\$0.00	\$421.88
116864	Helipad Inset Fixture AV-HL12	EA	\$235.39	\$456.94	\$0.00	\$692.33
116865	SistemaluxLED Bollard	EA	\$313.86	\$1,663.94	\$0.00	\$1,977.80
116866	42" X 6" Round Stainless Steel LED Bollard	EA	\$313.86	\$2,454.94	\$0.00	\$2,768.80
116867	Bega 99 553-K30 LED Bollard	EA	\$470.79	\$920.28	\$0.00	\$1,391.07
116868	6" X 48" LED Bollard	EA	\$196.17	\$789.73	\$0.00	\$985.90
116869	36" Bollard 1L 50W MH	EA	\$627.72	\$1,174.99	\$0.00	\$1,802.71
116870	20W MR16 12V Mini Post Bollard	EA	\$235.39	\$220.50	\$0.00	\$455.89
116871	Calpipe ssIs06750 36" X 6" Round Stainless Steel LED Bollard	EA	\$313.86	\$2,454.94	\$0.00	\$2,768.80
116872	49" Selux OLMLB LED Bollard	EA	\$627.72	\$1,521.78	\$0.00	\$2,149.50
116873	Bega 77792 LED Bollard	EA	\$627.72	\$789.73	\$0.00	\$1,417.45
116874	36" Selux MTR LED Bollard	EA	\$627.72	\$790.38	\$0.00	\$1,418.10
116875	48" Damp Location Motion Sensing Surface Mounted Linear LED	EA	\$156.93	\$380.15	\$0.00	\$537.08
116876	Selux M60 Wet Location Linear	EA	\$156.93	\$340.47	\$0.00	\$497.40
116877	Axis Wet Beam 4 LED	EA	\$156.93	\$340.47	\$0.00	\$497.40
116878	Delta Light 4" Exterior Downlight LED Polycarbonate lens	EA	\$156.93	\$354.55	\$0.00	\$511.48
116879	8" Wet Location LED Lensed Down Light	EA	\$156.93	\$321.27	\$0.00	\$478.20
116880	6" Wet Location Down Light LED	EA	\$156.93	\$331.51	\$0.00	\$488.44
116881	7" Vandal Resistant Downlight LED Polycarbonate lens	EA	\$156.93	\$354.55	\$0.00	\$511.48
116882	LED Surface Mounted 44W Canopy Fixture	EA	\$196.17	\$343.03	\$0.00	\$539.20
116883	75W MR16 12V Underwater	EA	\$156.93	\$620.73	\$0.00	\$777.66
116884	300W Incandescent Underwater Par 56	EA	\$156.93	\$703.11	\$0.00	\$860.04
116885	Remove, refurbish, and Reinstall pole	EA	\$1,255.43	\$1,459.14	\$0.00	\$2,714.57
116886	Exterior Stainless Steel Guard Rail	LF	\$47.08	\$70.35	\$0.00	\$117.43
116887	Gardco gl18 Gull Wing Pole	EA	\$627.72	\$3,740.01	\$0.00	\$4,367.73
116888	Gardco gl18 Gull Wing Pole Two Head	EA	\$627.72	\$5,019.96	\$0.00	\$5,647.68
116889	In Ground LED 15% Flagpole Uplight	EA	\$196.17	\$552.58	\$0.00	\$748.75
116890	Recessed In Ground 15% LED Flagpole Light	EA	\$235.39	\$538.86	\$0.00	\$774.25
116891	Recessed In Ground LED Flagpole Light	EA	\$235.39	\$541.42	\$0.00	\$776.81
116892	2" X 48" In Ground LED Walkway Fixture	EA	\$313.86	\$1,134.04	\$0.00	\$1,447.90

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		Units	Labor	Material	Equipment	Total
116893	12" X 24" In Ground LED Walkway Fixture	EA	\$313.86	\$878.05	\$0.00	\$1,191.91
116894	12" X 4" In Ground LED Walkway Fixture	EA	\$313.86	\$879.33	\$0.00	\$1,193.19
116895	LV LED MR16 Landscape Lights	EA	\$117.69	\$172.67	\$0.00	\$290.36
116896	Ligman UOD LED Pedestal Flood Grade Mount	EA	\$196.17	\$446.53	\$0.00	\$642.70
116897	Uplight Flood 12W LED In Grade mount	EA	\$196.17	\$373.39	\$0.00	\$569.56
116898	Surface Mounted LED Dock Fixture 4000K, 9000Lum	EA	\$196.17	\$793.57	\$0.00	\$989.74
116899	LUX Rail	LF	\$78.46	\$1,453.66	\$0.00	\$1,532.12
116900	Wagner LULS	LF	\$78.46	\$1,453.66	\$0.00	\$1,532.12
116901	Alphabet ZEDA 750 Rail Puck	EA	\$156.93	\$326.39	\$0.00	\$483.32
116902	17' Decorative Pole Teardrop Pole Top Fixture	EA	\$1,098.50	\$4,211.04	\$0.00	\$5,309.54
116903	MR16 Landscape Uplight 1L 20W	EA	\$117.70	\$107.52	\$0.00	\$225.22
116904	Alphabet NU3RD 4" Downlight	EA	\$156.93	\$326.39	\$0.00	\$483.32
116905	FC Lighting FCCSQ606 Linear Wall Mount	EA	\$196.17	\$609.44	\$0.00	\$805.61
116906	Lithonia OLSS Wall/Step	EA	\$196.17	\$145.89	\$0.00	\$342.06
116907	Lumenfacade HO Series LED	LF	\$58.85	\$177.91	\$0.00	\$236.76
116908	Bega 84 083	EA	\$627.72	\$4,187.86	\$0.00	\$4,815.58
116909	Sternberg "Main Street Series"	EA	\$627.72	\$3,134.60	\$0.00	\$3,762.32
116910	AION WR Series 3000	LF	\$19.62	\$48.19	\$0.00	\$67.81
116911	FC Lighting FCLS 101 Wall/Step	EA	\$196.17	\$318.71	\$0.00	\$514.88
116912	LED Parking Deck Fixture	EA	\$156.93	\$866.53	\$0.00	\$1,023.46
116913	Potted Light Tape in .8" X .8" Lensed channel	LF	\$25.10	\$31.95	\$0.00	\$57.05
116914	Bega 88991 12' LED Pathway Pole	EA	\$470.79	\$2,233.51	\$0.00	\$2,704.30
116915	12' Selux Astro LED Walkway pole	EA	\$627.72	\$4,040.80	\$0.00	\$4,668.52
116916	12' Solana SL660 LED Walkway pole	EA	\$627.72	\$2,760.85	\$0.00	\$3,388.57
116917	10' Gardco CR20 LED Pedestrian Pole	EA	\$627.72	\$3,340.67	\$0.00	\$3,968.39
116918	12' Decorative Pathway Pole Custom Color (Campus Std)	EA	\$627.72	\$3,763.05	\$0.00	\$4,390.77
116919	Bega 889 83 6' Walkway pole	EA	\$627.72	\$2,774.93	\$0.00	\$3,402.65
116920	20' Invue ARB w/Two Heads	EA	\$313.86	\$4,813.89	\$0.00	\$5,127.75
116921	15' Invue ARB	EA	\$313.86	\$3,533.94	\$0.00	\$3,847.80
116922	10' Invue ARB	EA	\$313.86	\$2,893.97	\$0.00	\$3,207.83
116923	Louis Poulsen Kipp LED Walkway pole	EA	\$627.72	\$1,800.89	\$0.00	\$2,428.61
116924	12' LED Pathway Pole With Acorn Type Fixture	EA	\$627.72	\$3,453.31	\$0.00	\$4,081.03
116925	6" Surface mounted Cylinder LED Wet Location	EA	\$196.17	\$613.10	\$0.00	\$809.27
116926	ANP Lighting LF 1853 Decorative	EA	\$196.17	\$619.50	\$0.00	\$815.67
116927	LED Exterior Entry Wall Sconce	EA	\$156.93	\$469.72	\$0.00	\$626.65
116928	BK Lighting Mini Micro LED Cylinder Sconce Up/ Down	EA	\$156.93	\$534.95	\$0.00	\$691.88
116929	8" X 18" LED Cylinder Sconce Up/ Down	EA	\$196.17	\$534.95	\$0.00	\$731.12
116930	100W MH Invue Decorative Wall Sconce	EA	\$156.93	\$1,576.90	\$0.00	\$1,733.83
116931	Exterior LED Wall Sconce w/Clear Glass Shade	EA	\$235.39	\$344.31	\$0.00	\$579.70

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		Units	Labor	Material	Equipment	Total
116932	Bega 6516 LED D/I cylinder sconce	EA	\$156.93	\$444.12	\$0.00	\$601.05
116933	Modern FormWS W5416 Exterior Pendent	EA	\$156.93	\$486.38	\$0.00	\$643.31
116934	Primarysma Insert Zero Step Light	EA	\$156.93	\$253.43	\$0.00	\$410.36
116935	Visa Lighting Wrap Sconce	EA	\$235.39	\$440.30	\$0.00	\$675.69
116936	Wet Location 48" Surface Mounted Linear	EA	\$156.93	\$353.27	\$0.00	\$510.20
116937	Ilumipod in grade RGB LED	EA	\$235.39	\$1,081.56	\$0.00	\$1,316.95
116938	RAB SLIMM17 Wall Pack	EA	\$156.93	\$101.18	\$0.00	\$258.11
116939	Invue ENV Wall Mounted LED Fixture	EA	\$235.39	\$1,287.26	\$0.00	\$1,522.65
116940	Kim Wall Director Sconce	EA	\$196.17	\$366.07	\$0.00	\$562.24
116941	ALD-5000 300W LED Flood	EA	\$196.17	\$417.57	\$0.00	\$613.74
116942	McDraw VPL	EA	\$196.17	\$865.55	\$0.00	\$1,061.72
116943	Invue ENC Recessed Wall Mounted LED Fixture	EA	\$235.39	\$860.13	\$0.00	\$1,095.52
116944	Lumecon LWP MN Wall Pack	EA	\$196.17	\$369.91	\$0.00	\$566.08
116945	McGraw Impact Elite Trapezoid LED Wall Pack	EA	\$196.17	\$1,050.84	\$0.00	\$1,247.01
116946	Lithonia Wedge Wall Pack	EA	\$156.93	\$488.82	\$0.00	\$645.75
116947	Lumark Crosstour Maxx LED (58W)	EA	\$156.93	\$271.84	\$0.00	\$428.77
116948	Lumark Crosstour Maxx LED (102W)	EA	\$156.93	\$607.06	\$0.00	\$763.99
116949	Lumark Crosstour MaxxLED (81W)	EA	\$156.93	\$365.70	\$0.00	\$522.63
116950	FC Lighting FCW 1011 LED	EA	\$156.93	\$376.31	\$0.00	\$533.24
116951	Bega 33055 Recessed Wall Mounted LED	EA	\$156.93	\$449.26	\$0.00	\$606.19
116952	Lumark LDWP-FC-6B Wall Mounted LED	EA	\$156.93	\$429.09	\$0.00	\$586.02
116953	Ligman ULEW 30011 LED Wedge Wall Pack	EA	\$196.17	\$1,050.84	\$0.00	\$1,247.01
116954	FCS 1502 LED Step Light	EA	\$196.17	\$547.70	\$0.00	\$743.87
116955	Cooper LDWP FC LED Wall Pack	EA	\$196.17	\$703.97	\$0.00	\$900.14
116956	Spectrum Recessed LED Wall / Step Light	EA	\$235.39	\$222.04	\$0.00	\$457.43
116957	BEGA 24 151 LED Step Light	EA	\$196.17	\$449.81	\$0.00	\$645.98
116958	Cantilevered LED Linear Sign Light	EA	\$235.39	\$543.93	\$0.00	\$779.32
116959	iLight Plexineon White 1X Series	LF	\$19.62	\$76.80	\$0.00	\$96.42
116960	Recessed LED Wall / Step Light	EA	\$235.39	\$441.45	\$0.00	\$676.84
33-79-23 Roadway and Traffic Lighting						
116961	30" X 7' Concrete Pole Base	EA	\$313.86	\$559.34	\$0.00	\$873.20
116962	24" X 7' Concrete Pole Base	EA	\$313.86	\$607.98	\$0.00	\$921.84
116963	18" x 5' Concrete Pole Base	EA	\$313.86	\$358.39	\$0.00	\$672.25
116964	10" x 3' Concrete Pole Base	EA	\$235.39	\$230.39	\$0.00	\$465.78
116965	30" x 5' Concrete Pole Base	EA	\$313.86	\$435.18	\$0.00	\$749.04
116966	30" X 8' Concrete Pole Base	EA	\$470.79	\$636.14	\$0.00	\$1,106.93
116967	24" x 24" x 36" Concrete Foundation	EA	\$313.86	\$204.79	\$0.00	\$518.65
116968	Hinged Pole Base	EA	\$117.69	\$607.98	\$0.00	\$725.67
116969	Lithonia CXS1 LED Pole Head	EA	\$156.93	\$677.09	\$0.00	\$834.02
116970	Sistemalux Movit	EA	\$156.93	\$1,047.00	\$0.00	\$1,203.93
116971	Lithonia DSX0 LED P5 Pole Head	EA	\$313.86	\$883.78	\$0.00	\$1,197.64

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		Units	Labor	Material	Equipment	Total
116972	Lithonia DSX0 LED P1 Pole Head	EA	\$313.86	\$1,574.95	\$0.00	\$1,888.81
116973	HI-Lite 15124-91 Pole Head	EA	\$156.93	\$587.17	\$0.00	\$744.10
116974	Signify Gardco Pureform P26 LED Pole Head	EA	\$313.86	\$1,745.85	\$0.00	\$2,059.71
116975	General Electric EALS LED Heads	EA	\$156.93	\$871.65	\$0.00	\$1,028.58
116976	150W LED Yoke Mounted Floods	EA	\$156.93	\$344.31	\$0.00	\$501.24
116977	McGraw Edison Gleon	EA	\$156.93	\$861.02	\$0.00	\$1,017.95
116978	Pico Primarysm 25"	EA	\$313.86	\$1,593.54	\$0.00	\$1,907.40
116979	Lithonia DSX1 P7 LED Pole Head	EA	\$156.93	\$1,717.80	\$0.00	\$1,874.73
116980	Cree Leedway STR-LWY LED Pole Head Tenon Mount	EA	\$235.39	\$732.13	\$0.00	\$967.52
116981	Solar Powered LED Pole heads 7000LU	EA	\$235.39	\$2,919.57	\$0.00	\$3,154.96
116982	RAB ALED2T150	EA	\$156.93	\$868.54	\$0.00	\$1,025.47
116983	Selux Olivia LED Pole Head	EA	\$156.93	\$1,256.91	\$0.00	\$1,413.84
116984	Ligman UHAM 20001 LED Pole Head	EA	\$196.17	\$1,706.60	\$0.00	\$1,902.77
116985	Kim OURO LED Post Top	EA	\$156.93	\$871.65	\$0.00	\$1,028.58
116986	20' Invue ARB w/Two Heads	EA	\$470.79	\$4,665.42	\$0.00	\$5,136.21
116987	ILP AL 56W Pole Head	EA	\$156.93	\$417.26	\$0.00	\$574.19
116988	10' 4" Round Aluminum Pole	EA	\$313.86	\$1,924.56	\$0.00	\$2,238.42
116989	KW RSP 22'-4" Non-Tapered Pole	EA	\$313.86	\$1,752.25	\$0.00	\$2,066.11
116990	16' 4" X 4" Alum Pole	EA	\$470.79	\$1,523.14	\$0.00	\$1,993.93
116991	17' 4" X 4" Alum Pole	EA	\$470.79	\$1,523.14	\$0.00	\$1,993.93
116992	25' 5" Square Aluminum Pole	EA	\$313.86	\$2,503.58	\$0.00	\$2,817.44
116993	30' Square Aluminum Pole	EA	\$313.86	\$3,059.08	\$0.00	\$3,372.94
116994	30' Tapered Aluminum Pole	EA	\$627.72	\$4,211.04	\$0.00	\$4,838.76
116995	20' 5" Square Aluminum Pole	EA	\$313.86	\$3,655.54	\$0.00	\$3,969.40
116996	20' 4" Round Aluminum Pole	EA	\$313.86	\$3,143.56	\$0.00	\$3,457.42
116997	Eaton RSA T 4 12' Aluminum Pole	EA	\$313.86	\$1,752.25	\$0.00	\$2,066.11
116998	22' Straight Round Steel Pole	EA	\$627.72	\$2,145.20	\$0.00	\$2,772.92
116999	14' Light Pole w/Crossarm	EA	\$313.86	\$1,454.02	\$0.00	\$1,767.88
117000	15' Straight Steel Pole	EA	\$627.72	\$1,466.82	\$0.00	\$2,094.54
117001	25' Tapered Steel Pole	EA	\$627.72	\$1,850.81	\$0.00	\$2,478.53
117002	30' Tapered Steel Pole	EA	\$627.72	\$2,389.67	\$0.00	\$3,017.39
117003	35' Tapered Steel Pole	EA	\$627.72	\$2,943.88	\$0.00	\$3,571.60
117004	SPI SECI Styk 101"	EA	\$470.79	\$1,494.98	\$0.00	\$1,965.77
117005	12' LED Pathway Pole With Lithonia MRP LED	EA	\$627.72	\$3,187.08	\$0.00	\$3,814.80
117006	8' Plaster Pathway Pole	EA	\$313.04	\$1,184.87	\$0.00	\$1,497.91
117007	14' Selux Quartro Pole	EA	\$941.57	\$4,346.71	\$0.00	\$5,288.28
117008	12' Cordia Pedestrian Pole	EA	\$941.57	\$4,346.71	\$0.00	\$5,288.28
117009	16' Saturn Cutoff Post Light 100W CMH	EA	\$627.72	\$4,089.44	\$0.00	\$4,717.16
117010	16' LED Walkway pole w/ Custom Finish	EA	\$627.72	\$4,168.80	\$0.00	\$4,796.52
117011	Gardco Gullwing G18 LED With Pole	EA	\$627.72	\$3,656.82	\$0.00	\$4,284.54
117012	17' Decorative Pole w/ Twin Teardrop Pole Top Fixture	EA	\$1,255.43	\$4,723.02	\$0.00	\$5,978.45
117013	12' US Architectural RZR Walkway Pole	EA	\$470.79	\$2,169.52	\$0.00	\$2,640.31
117014	10' Coral Column LED	EA	\$1,255.43	\$4,092.00	\$0.00	\$5,347.43

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		Units	Labor	Material	Equipment	Total
117015	20' Rectangular pole (4" X 6") w/ 4.5' cantilever Single head 150W MH	EA	\$627.72	\$3,912.81	\$0.00	\$4,540.53
34-00-00 Transportation						
34-40-00 Transportation Signaling and Control Equipment						
34-41-00 Roadway Signaling and Control Equipment						
34-41-13 Traffic Signals						
117016	Remove existing traffic arm and signals	EA	\$853.78	\$0.00	\$625.00	\$1,478.78
117017	Install new Traffic Arm 25'	EA	\$1,707.58	\$26,235.00	\$1,250.00	\$29,192.58
117018	Install new Traffic Arm 8'	EA	\$1,707.58	\$8,745.00	\$1,250.00	\$11,702.58
117019	Re-install traffic signal	EA	\$569.19	\$0.00	\$416.67	\$985.86
34-70-00 Transportation Construction and Equipment						
34-71-00 Roadway Construction						
34-71-13 Vehicle Barriers						
117020	Delineators - Class 1 Flexible Installed per Caltrans A73c. Including surface mount or embedded per site conditions encountered.	EA	\$29.44	\$47.04	\$5.04	\$81.52
117021	Midwest Guardrail - Steel Post, Up To 10,000 LF	LF	\$18.48	\$17.55	\$0.00	\$36.03
117022	Midwest Guardrail - Steel Post, 10,001 LF and UP	LF	\$15.52	\$14.75	\$0.00	\$30.27
117023	Midwest Guardrail - Wood Post, Up To 10,000 LF	LF	\$16.01	\$15.21	\$0.00	\$31.22
117024	Midwest Guardrail - Wood Post, 10,001 LF and UP	LF	\$13.70	\$13.02	\$0.00	\$26.72
117025	Thruway Guardrail – Galvanized Steel	LF	\$9.03	\$26.50	\$0.00	\$35.53
35-00-00 Waterway and Marine Construction						
35-05-00 Common Work Results for Waterway and Marine Construction						
35-05-50 Common Work Results for Marine Construction						
35-05-50 Common Work Results for Marine Construction						
117026	Small Tug Boat / 500 HP to 800 HP Plus fuel / 8 hour minimum / portal to portal	HR	\$0.00	\$0.00	\$750.00	\$750.00
117027	Large Tug Boat / 1000 HP to 2000 HP Plus fuel / 8 hour minimum / portal to portal	HR	\$0.00	\$0.00	\$850.00	\$850.00
117028	Small Deck Barges Cargo Deck less than 100'	DY	\$0.00	\$0.00	\$1,125.00	\$1,125.00
117029	Large Deck Barges Cargo Deck greater than 100'	DY	\$0.00	\$0.00	\$2,500.00	\$2,500.00
46-00-00 Water and Wastewater Equipment						
46-20-00 Water and Wastewater Preliminary Treatment Equipment						
46-23-00 Grit Removal and Handling Equipment						
46-23-43 Inline Baffled Grit Removal Equipment						

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		Units	Labor	Material	Equipment	Total
117030	Install new replacement FRP Baffles with SS angle L at vertical edges font and back, including X-ray, air monitoring, sealant, delivery and manufacturer inspection. To be measured by SF of face of Baffles. For installation and epoxy of SS anchor bolts use 03-15-19 Excludes demolition and removal of existing baffles, hardware, cleaning and patching of concrete surfaces.	SF	\$14.92	\$133.52	\$6.45	\$154.89

Exhibit K

Adjustment Factor Sheet

NOTES:

1. Each factor should be specified to four (4) decimal places, including trailing zeroes if applicable.
2. All prices and information required on the Adjustment Factor Sheet should be either typewritten or neatly printed in ink.
3. The baseline adjustment factor is "Normal Working Hours." No factor may be less than the normal working hours adjustment factor for that location type (medical or campus). Medical Locations are identified in Attachment D – Building List
4. For Evaluation Purposes, the University anticipates that Normal Working Hours may account for 80% of all task orders, Other than Working Hours may account for 15% of all task orders, and Premium Hours may account for 5% of all task orders.

The undersigned agrees to perform all work required, necessary, proper for, or incidental to completing the work called for in each individual task order issued under this Job Order Contract using the Unit Price Book incorporated herein with the following adjustment factors:

Normal Working Hours: Monday - Friday; 07:00AM - 5:00PM

Healthcare Locations

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Campus Locations

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Other Than Normal Working Hours: Any hours outside normal hours listed above, that are not premium.

Healthcare Locations

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Campus Locations

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Premium Working Hours: Hours worked on the following days: New Year's Day, MLK Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Healthcare Locations

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Campus Locations

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The Undersigned Certifies that this Adjustment Factor Sheet constitutes the Offeror's Financial Proposal for this RFP and shall be binding upon the Offeror if accepted by the University from the date of contract execution through the initial term and all renewals.

SIGNED BY _____ TITLE _____

NAME _____ FIRM _____

OFFEROR'S EMAIL _____ DATE _____