



University of Kentucky®

Procurement Services

INVITATION FOR BIDS

CCK-2564.0-18-26 HEB BP-07

ADDENDUM #4

08/05/2025

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 08/12/2025 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

ITEM #1: REVISIONS/UPDATES TO THE ORIGINAL BID DOCUMENTS

- Please refer to the enclosed additional information from the project team as you prepare your bid.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

08/05/2025

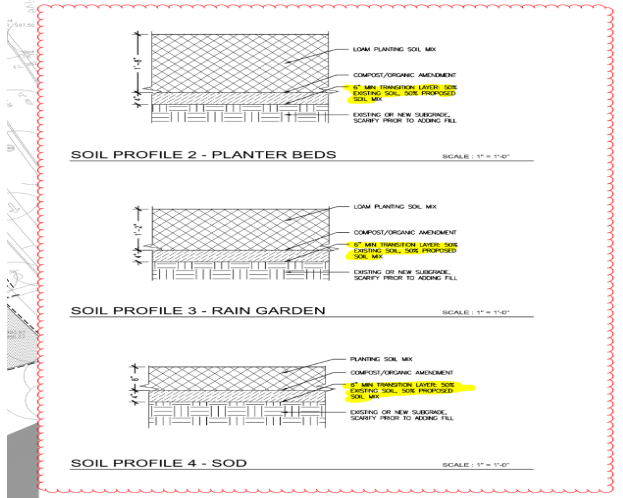
Ken Scott

Ken Scott / (859) 257-9102

SIGNATURE

Typed or Printed Name

CCK-2564.0-18-25
Question and Response Log

#	Question	Response
1	<p>I was looking thru this bid and don't see any signage called out in the specs for this building. There are mentions of exterior signs on the building and the General Notes (see below) mention interior signs on page A-631, but this page isn't in the drawings.</p> <p style="text-align: center;">GENERAL NOTES - DOORS AND FRAMES</p> <p>A REFER TO WALL SECTIONS AND INTERIOR PARTITION TYPES FOR ADDITIONAL NOTES REGARDING TYPICAL WALL CONSTRUCTION.</p> <p>C ALL FIRE RATED DOORS SHALL BE CATEGORY "A" POSITIVE PRESSURE RATED COMPLYING WITH THE REQUIREMENTS OF UL 10C TESTING. ADDITIONAL INTUMESCENT SEALS SHALL NOT ACCEPTABLE.</p> <p>D PROVIDE CYLINDERS AND CORES FOR ALL DOOR HARDWARE CAPABLE OF BEING CHANGED AND KEYS TO THE OWNER'S MASTER KEYING SYSTEM.</p> <p>E ALL INTERIOR WOOD DOORS SHALL BE STAINED TO MATCH PL-01, U.N.O.</p> <p>F GROUT FULL NEW HOLLOW METAL DOOR FRAMES IN MASONRY WALL CONSTRUCTION.</p> <p>G SPOT GROUT NEW HOLLOW METAL DOOR FRAMES IN GYPSUM BOARD WALL CONSTRUCTION.</p> <p>H WHERE A FIRE RATING IS INDICATED ON THE DOOR SCHEDULE. HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.</p> <p>J AT DOORS WITH GLASS LITES, BOTTOM OF GLASS MUST BE NO HIGHER THAN 43" WHEN INSTALLED.</p> <p style="text-align: center;">GENERAL NOTES - SIGNAGE</p> <p>A ALL INTERIOR SIGNAGE (TEXT, BRAILLE, PICTOGRAMS, SIZES, ETC) SHALL CONFORM WITH ICC/ANSI A117.1 'ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES', CHAPTER 703.</p> <p>B ALL PERMANENT SIGNAGE TEXT TO BE VERIFIED WITH OWNER PRIOR TO FABRICATION.</p> <p>C REFER TO DRAWING A-631 FOR SIGNAGE SCHEDULE AND SIGNAGE TYPES SHOWN.</p> <p>D MOUNT ANY INTERIOR SIGNAGE ON LATCH SIDE OF DOOR.</p>	<p>Signage is not part of BP-07. The signage scope will be bid out in a future bid package.</p>
2	<p>I do not see any erosion control plans in the plan set but there is a drawing (SK-002) included elsewhere. Most, if not all of the work shown on this plan appears to be installed already and is likely maintained by other trades currently on site. Will TC-044 have any erosion control responsibilities during the completion of our scope of work? If so, please list them in detail.</p>	<p>Updated erosion control plan to be release in addendum. Erosion control responsibilities are listed in TC-044 scope of work.</p>
3	<p>According to there plans there are (2) Water Quality Units for the project. According to SK-003.2, both will be provided and installed by a previous package / trade contractor. Please confirm that NO water quality units are included in the current bid package.</p>	<p>Correct. Water quality units are provided by a previous bid package.</p>
4	<p>Will the surface asphalt be placed at same mobilization as the base asphalt?</p>	<p>Assume separate mobiliaztion to place all surface asphalt at a later date.</p>
5	<p>Which trade is responsible for striping / pavement markings?</p>	<p>Striping and markings shall be provided by TC-044 Grading and Site Storm</p>
6	<p>In each of the details below, there is a 4" or 6" transition layer. Which trade contractor is responsible for this? Seems like it would be better for the TC-044 contractor to stop at the "existing or new subgrade" layer. Please advise.</p> 	<p>Transition layer shall be provided by TC-045.</p>

7	Can you please issue a CAD file that has the new topo contours as well as the proposed topo contours. If you will issue this CAD, please do it sooner rather than later since time is needed to work with the CAD file.	Cad files will not be released.
8	I do not see the sketch SK-006 is not part of addendum #1 or I can not locate it. Please advise.	See addendum #2 for SK-006.
9	Does TC-044 remove the existing University Drive sidewalk located immediately east of the site, where TC-046 subsequently installs new 10' sidewalk thereafter? Given the coordination required, it seems to us that TC-046 should remove the existing sidewalk located parallel with University Drive in a cadence relative to its replacement.	TC-044 to include all asphalt demo and TC-046 to include all sidewalk demo. See Addendum #3 for updated scope of work.
10	SK-005 provides a clear location for the South Patio earth retention system extension. Can this or another drawing be superimposed with the yet-to-be-constructed High Pressure Steam and Condensate piping to be installed south of the South Patio area? This additional information would be instrumental for determining any potential conflicts regarding earth retention system design.	See updated SK-005 in Addendum #3 to show general location of existing steam lines. Assume steam lines penetrate system at 4 locations. Provide temporary shoring/support for exposed steam lines inside retention system.
11	Will the existing south construction fence be relocated further south and if so, how far?	See updated SK-001 with new fence/gate layout.
12	It would be instrumental to develop a south gate reconfiguration plan allowing construction of the west elevation of the South Patio's earth retention system. As it stands currently, the earth retention system would be located approx. 6' from the west gate post of the south entrance, nearly against the existing 12" water main.	See updated SK-001 with new fence/gate layout.
13	There are several storm sewer runs specifically denoted as Ductile-Iron-Pipe. Elsewhere for the balance of storm sewer pipe material, may we presume that the piping material would otherwise be per spec: i.e.: PVC Cellular-Core pipe and in one location RCP? Basically wanting to confirm that DIP is not required anywhere other than its designated plan location.	Yes, DI is where specifically noted, anything not specifically DI or RCP is PVC per spec. DI is adjacent any steam lines.
14	Addendum #2 incorporated a topo of existing grade contours. It should be noted that existing grade elevations are now higher by virtue of imported crushed stone for roadway or laydown area usage since the earthwork began last year.	Topographic elevations shown on SK-006 were taken in June 2025.
15	Regarding the earthwork requirements for TC-044 with respect to follow-on landscaping by TC-045, we offer the following comments for design team review: i) Refer to plan sheet C900 for 4ea soil profiles: a) Profile 1 – Tree requiring a 42" section, b) Profile 2 – Planter Beds requiring a 24" section, c) Profile 3 – Rain Garden requiring 16" section, and d) Profile 4 – Sod requiring 12" section. ii) Regarding Profile 1 for trees, many newly planted trees would be completely or partially located in the basement's excavation backfill area and backfill is comprised of free-draining stone. A 36" root ball plus 6" of amended soil would require removal of some free draining stone backfill and my question is – with a 6" section of amended soil below the 36" root ball, is that enough earthen growing medium for extended tree growth? No doubt rain event water and irrigation can both quickly make its way to the subdrainage system below. iii) For Soil Profiles 2, 3, and 4, TC-044 would excavate to these sectional depths and then TC-045 takes over from that point forward with soil amendments and topsoil with associated finish grading. iv) Where soil mounds are indicated on the grading plans and in section per C1102 (predominantly along the east elevation), shouldn't it be the responsibility of TC-045 to construct the raised areas in unison with the hardscape TC-046 bid package? In other words and when translated literally, TC-044 provides subgrade mirroring finish grade but this effort has both TC-045 and TC-046 wallowing in the same footprint in this narrow strip of the site.	Stone to be brought to existing grades until time for planting. Crushed stone and crushed stone backfill to be removed to depth necessary per C900/C901 Soils Plan. All planting soil profiles to have a minimum of 12" new or existing subgrade layer below the necessary transition layer and planting soil layer.
16	For South Patio earth retention and excavation at the far east elevation, both will be inside the tree dripline.	See updated SK-001 with new fence/gate layout.
17	To what extent will Turner remove and/or relocate the construction fence and barricades for new construction, regardless of location?	See updated SK-001 with new fence/gate layout.
18	TC-044 is required to provide force main piping for Sump Manholes 8A & 8B. What diameter piping and who provides the pumps and electricity to those pumps?	The force main would be 2". TC-047 to provide sump pumps and power to those sump pumps in manholes 8A and 8B.
19	Item 6d. of TC-044 Scope of Work: what is meant by "multiple mobilizations to set storm drains after landscape and hardscapes are installed and at final grade"? The storm sewers would be installed first. Do you mean to set forth the periodic requirement to fine-tune the casting elevations because other trade contractors deviated from plan grades or dislodged the castings?	Include multiple mobilizations as noted to coordinate final elevations of structures with adjacent landscaping and hardscaping contractors.
20	Item 5b. of TC-044 Scope of Work: why cover milled areas with steel plates if the next order of business would be to follow with the asphalt overlay?	See updated TC-044 scope of work.
21	Please provide Attachment G (construction schedule).	See Addendum #3 for BP-07 Construction Schedule.
22	Will the conduits to the building and panel be existing for the tagged notes on EU211 or do we need to install new? Notes UE36, UE37, UE38, UE39, and UE40.	All conduits are to be included in this bid package, complete from vault to panelboard. Refer to addendum for sizing.
23	Are the conduits from the PPOA and PPOB panel for the site lighting going to be stubbed out during current construction or will we need to run a new raceway all the way to the panel?	TC-047 to run new raceways to panels as indicated.
24	There is a scope item (6-f) to remove temporary storm inverts. This does not make a lot of sense on its' own. Can you please clarify / explain this scope item?	Previous trade contractor will have installed temporary tie ins at these locations. TC-044 is to remove temporary tie ins and installed new permanent tie ins.
25	TC-046: Will 2% composite crew be required for this TC?	See updated General Requirements.
26	TC-046: Allowances in bid breakdown and scope differ, please clarify.	See Addendum #3 for TC-046 updated Allowances breakdown.

27	TC-046: Please describe sequence of work and/or phasing. Will the entire site be available at mob? Will work progress North-South, South-North? Dock, patio, hardscapes concurrently or by defined order?	The entire site will not be available at initial mobilization. Assume working multiple crews as necessary to meet project schedule as outlined in Attachment G.
28	TC-046: Area required for south patio work will extend near or to site gate/fence. Equipment, trucks for spoils, material laydown, concrete trucks, etc. will not allow sufficient space for egress as stated in scope #38.E. Please verify that TC-046 will have clear access to this area of the site for duration of install.	See updated SK-001 with new fence/gate layout.
29	TC-046: Please verify that trades previously bid will not require access to building at/through south patio during TC-046 work.	Previously bid trades will access the building at other locations.
30	TC-046: With partial removal of retention system scoped, can details, plans, or description of system be provided? Types/materials of piles, tie backs, lagging, etc. This will be necessary to determine means and methods for removal.	Retentions system consists of I-Beams, Wood Lagging, 15 tie backs, and 1" thick steel plates at the top of excavation. See SK-007 for as-built of retention system.
31	TC-046: Steam lines appear to run through the loading dock and in close proximity or conflict with south patio retention wall. Are these lines installed in the locations shown?	Yes, see updated SK-005 in Addendum #3 where existing steam lines are in relation to south patio retention system. Steam lines near loading dock should run below footings.
32	SK-003.2, C601, #12: Permeable paver manhole is highlighted as TC-046 scope. Is this supposed to be included in TC-044 scope with other manholes and site drainage? Is the pump carried by previous plumbing TC's, no details are provided? Is electric included in TC-047?	TC-046 is to include permeable paver manhole as well as force main piping as shown on C601 and as shown on updated SK-003. TC-047 is to include the pump and power to the permeable paver manhole.
33	Is TC-044 to provide loading dock trench drain assembly, including collar?	Yes. TC-044 to coordinate installation closely with TC-046 to ensure a properly functioning system.
34	Loading dock railing design differs between architectural and civil plans. Please define which design is to be bid.	Match Architectural drawings and specs.
35	Please confirm site walls which receive pre-cast panels will be grouted by TC during install.	Refer to elevations and details noted on drawings.
36	071326 Sheet Waterproofing substitution request to add Carlisle CCW (Henry) as approved manufacturer. CCW is listed as approved manufacturer for 071416 Cold Fluid-Applied Waterproofing.	This is acceptable.
37	075423 TPO Roofing: Scope states to match roofing installed on building. Please provide provide approved manufacturer.	Holcim Elevate Roofing
38	C-703, Engraved Concrete Pavers: Can more details on "engraving" be provided? Depth of engraving? Process to achieve desired appearance? Other specifics that could impact production?	3/16" sandblasting for paver names. Infill paint.
39	F/C-1100, Campus Standard Sidewalk: Doweling and reinforcement details are needed for Huguelet Dr. Detail G/C-1100 is noted to only apply to University Dr.	Provided in Addendum #3
40	TC-046 Scope 42.D: What type of concrete pavement should be included for the 1500sf to provide?	6" concrete pavement. See TC-046 updated scope of work in Addendum #3.
41	TC-046 Scope 49.B: Is TC-005 Arborist previously contracted to provide specific scope, inspections, or monitoring?	TC-005 is contracted to provide biweekly inspections of trees surrounding the site.
42	TC-046 Scope 52: Considering warranties, incidentals, and material cleaning processes of building facade are unknown to this TC have/will installing contractors for windows, facade, etc. been scoped to clean their own work? Considering the nature of this TC's scope of work, cleaning of own work is not outside the norm. Cleaning of building exterior (façade, windows, etc) creates liability and warranty concerns.	See updated TC-046 scope of work for updated cleaning requirements.
43	TC-046 Scope 52: If building cleaning is required, please provide details on access to perform work. Will roof tie-backs be installed for swing stages and equipment? Will an in-place window cleaning system be installed on this building? Is cleaning limited to a certain height from ground (25', 50', etc)? Are lifts permitted on hardscapes or will cleaning occur before?	See updated TC-046 scope of work for updated cleaning requirements.
44	Regarding the new fence. a. Along Huguelet this fence stays regular fencing? b. Along University it's the jersey barriers with fence? c. The new south entrance will it need to be regular fencing, or will it be the jersey barrier with fence?	See addendum #4 for updated SK-001 showing fence details.
45	In the questions, #32, the answer references an updated SK-003. I didn't see that in the addendum. Will that be issued later or is it referencing a different sketch?	See addendum #4 for updated SK-003.
46	While the plan view of the earth retention system has been indicated for the south patio area, the successful general contractor could get its foundation work achieved without full excavation depth necessary to still have the sitework contractor responsible to complete excavation to the extent necessary to install the 24" RCP (possibly also requiring the sitework contractor to work with the successful GC to extend earth retention to top of competent limestone or near base of the trench excavation). To what depth does the TC-046 contractor excavate and provide earth retention for follow-on storm sewer work by TC-044 at the far west elevation?	TC-046 to excavate down to competent rock along the west face of the retention system. TC-044 to provide additional excavation and rock removal as needed to install the 24" RCP storm sewer pipe. TC-044 shall backfill area of storm pipe installation back to top of adjacent rock elevation. TC-046 shall provide final mass backfill.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-044 Grading and Site Storm

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 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 these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

FORM OF PROPOSAL

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

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-26** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.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 the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) SMALL BUSINESS: A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) LARGE BUSINESS: A business concern that exceeds the small business size code standards established by SBA.
- (03) DISADVANTAGED SMALL BUSINESS: A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) DISADVANTAGED LARGE BUSINESS: A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) WOMAN-OWNED SMALL BUSINESS: A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) WOMAN-OWNED LARGE BUSINESS: A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS: A concern that meets the definition of both (03) and (05) above.
- (08) DISADVANTAGED, WOMAN OWNED LARGE BUSINESS: A concern that meets the definition of both (04) and (06) above.
- (09) OTHER: A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Off-Site Borrow Fill	CY	
6" Ductile Iron Pipe	LF	
8" Ductile Iron Pipe	LF	
10" Ductile Iron Pipe	LF	
12" Ductile Iron Pipe	LF	
15" Ductile Iron Pipe	LF	
18" Ductile Iron Pipe	LF	
6" PVC Pipe	LF	
8" PVC Pipe	LF	
10" PVC Pipe	LF	
12" PVC Pipe	LF	
15" PVC Pipe	LF	
18" PVC Pipe	LF	
24" RCP	LF	
Concrete Curb	LF	
DGA	CY	
Asphalt	CY	

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
6	General Work Requirements					\$
7	Site Storm Installation					\$
8	Excavation / Grading					\$
9	Site Clearing					\$
10	Asphalt					\$
11	Concrete					\$
12	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000
2	Additional Hydro Vacuum Allowance					\$20,000
3	Additional Rough Grading Allowance					\$20,000 -\$50,000 (ADD #4)
4	Storm Pipe Tie in Coordination Allowance					\$10,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-07 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan (ADD #4) b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan (ADD #4) d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #4) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 31 1000 – Site Clearing (Partial) (ADD #3) b. 31 2000 – Earth Moving c. 31 2001 – SWPPP d. 32 1216 – Asphalt Paving e. 32 1313 – Concrete Paving (Partial) f. 33 4100 – Storm Utility Drainage Piping
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

C.	SPECIFIC SCOPE ITEMS
1	<p>This contractor shall provide Site Clearing (COMPLETE) (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 1000.</p> <ul style="list-style-type: none"> a. This contractor shall include demolition and removal of all asphalt surfaces, stone underlayment, trees, and plantings shown on the Civil Drawings. (ADD #3) b. This contractor shall include complete removal of asphalt road and stone to Dimock shown on SK-001. Following removal of stone, regrade area to match existing adjacent grade. (ADD #3). c. Concrete sidewalk removal will be provided by TC-046 Hardscapes & Loading Dock Contractor. (ADD #3)
2	<p>This contractor shall provide Earth Moving (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2000.</p> <ul style="list-style-type: none"> a. This trade contractor shall provide rough grading within +/-0.10' of subgrade for all site pavements, walkways, and landscape areas. b. All topsoil will be provided by TC-045 Landscape contractor. c. Provide all haul off of spoils required. There will be no on-site stockpiling of spoils. d. This trade contractor is to backfill north and south tower crane foundations once they are removed and cut off shoring 3' below grade. Assume this is a separate early mobilization for this work. <ul style="list-style-type: none"> i. Assume North Tower Crane backfill 30' W x 30' L x 20' D. ii. Assume South Tower Crane backfill 28' W x 28' L x 5' D.
3	<p>This contractor shall provide Stormwater Pollution Prevention Plan (SWPPP) (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2001.</p> <ul style="list-style-type: none"> a. Provide new silt fence as shown on SK-002. This trade contractor is to install, maintain, and remove this new silt fence. All other BMPs are maintained by others. b. This trade contractor to provide inlet protection for all new and existing inlets.
	<p>This contractor shall provide Concrete Paving (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1313.</p> <ul style="list-style-type: none"> a. This trade contractor to provide all concrete curbs including flush curbs shown in the contract documents.
5	<p>This contractor shall provide Asphalt Paving (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1216.</p> <ul style="list-style-type: none"> a. Provide all asphalt paving shown on civil drawings including all subgrade preparation, paving base, full depth asphalt pavement, milling and overlay. b. This trade contractor to provide road plates to cover all asphalt areas after milled or removed. (ADD #3) c. Provide all UK Standard asphalt striping and markings. d. Include an additional 3,000 20,000 sf of asphalt milling and paving above and beyond base scope of work to be used at CM's discretion. (ADD #3) e. This trade contractor is to assume that all work for Whitney Hendrickson Parking Lot and along Veterans, Huguelet and University Dr needs to be from 7:00 pm to 5:00 am including weekends. (ADD #3) f. This contractor is to provide temporary fencing for any activities outside the construction fence. (ADD #3). g. Include separate mobilizations to place all top-coat asphalt. (ADD #3)
6	<p>This contractor shall provide Storm Utility Drainage Piping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 33 4100.</p> <ul style="list-style-type: none"> a. See SK-003, all highlighted areas indicate storm structures and piping to be provided by this trade contractor. All non-highlighted areas were provided by previous contractor. b. This trade contractor is to provide the force main piping to the new yard drains from the sump pumps in Foundation Manholes 8A and 8B. c. This trade contractor to assume multiple mobilizations to install the new storm pipe near the south patio area due to close proximity of new retention system, and existing water lines d. This trade contractor to assume multiple mobilizations to set storm drains after landscape and hardscapes are installed and are at final grade.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

	<ul style="list-style-type: none"> e. This trade contractor needs to take into consideration that there are steam, chilled water, utility structures, and other utility lines located on the North and NE sides of the building and need to make sure to excavate around these lines with caution and follow Turner's safety Policy on Excavations around utilities. f. This trade contractor is to remove temporary storm pipe tie ins at building inverts shown on notes A, B, C, and D on pages C600 and C601 prior to installing new storm tie ins at building inverts. g. This trade contractor is to include camera all storm lines.
7	<p>Provide all hauling and/or dumpsters required for this scope of work as needed.</p> <ul style="list-style-type: none"> a. See section 01 7419 Construction Waste Management and Disposal for additional information. b. Assume all concrete wash out and demolished concrete and asphalt to be collected and recycled in accordance with the site Waste Management Plan. Provide weight tickets and other documentation as outlined in Specification 017419.
8	<p>This contractor shall adhere to all University of Kentucky Tree Protection Standards.</p> <ul style="list-style-type: none"> a. Provide any tree root pruning required for installation of this trade contractor's scope of work. b. Consult with TC-005 Arborist Contractor prior to performing any work around trees.
9	<p>This trade contractor shall verify all elevations of structures and piping during and after installation. Provide as-built drawings generated by a licensed surveyor documenting X, Y, Z coordinates of structures, invert elevations of all pipe and elevations of bottom of structures / castings.</p>
10	<p>This Trade Contractor shall coordinate its installations with TC-047 Site Electric incorporating BIM coordination as detailed in ATTACHMENT H. (ADD #4)</p>

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Topsoil
3.	Concrete Sidewalks

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$5,000
2.	Additional Hydro Vacuum Allowance - \$20,000
3.	Additional Rough Grading Allowance - \$20,000 -\$50,000 (ADD #4)
4.	Storm Pipe Tie in Coordination Allowance - \$10,000

F.	SCHEDULE
1.	<p>Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.</p>

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none">a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested.b. Shift work plan.c. Number of Foremend. Anticipated lead times and permit approval.e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
	None

BIDDER'S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner's representative after the bid deadline.

[illegible]

LIST OF MATERIALS AND EQUIPMENT

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

[illegible]

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-045 Landscapes

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

Contractor Report of Prior Violations of
Chapters 136, 139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 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 these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Alternates:

Alternate 1: Loading Dock Screen Wall

- Provide sod in lieu of plantings at designated area of C1200. (ADD#3)

ADD / DEDUCT \$ _____

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

FORM OF PROPOSAL

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

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-26** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.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 the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) SMALL BUSINESS: A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) LARGE BUSINESS: A business concern that exceeds the small business size code standards established by SBA.
- (03) DISADVANTAGED SMALL BUSINESS: A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) DISADVANTAGED LARGE BUSINESS: A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) WOMAN-OWNED SMALL BUSINESS: A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) WOMAN-OWNED LARGE BUSINESS: A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS: A concern that meets the definition of both (03) and (05) above.
- (08) DISADVANTAGED, WOMAN OWNED LARGE BUSINESS: A concern that meets the definition of both (04) and (06) above.
- (09) OTHER: A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Mulch	CY	
Hydroseeding	CY	
Sod	CY	
Erosion Control Blanket	SF	
Topsoil	CY	
Geotextile Fabric	SF	

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilization					\$
4	Irrigation					\$
5	Topsoil					\$
6	Seeding / Sodding					\$
7	Excavation					\$
8	Plants					\$
9	Turfs and Grasses					\$
10	Ledger Rock					\$
11	River Flats Stone					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000
2	Additional Final Grading Allowance					\$20,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: <ul style="list-style-type: none">a. Variations to avoid interference and obstructions.b. Providing all components and services usually supplied with a specific system.c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents.d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-07 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan (ADD #4) b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan (ADD #4) d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #4) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 31 2000 – Earth Moving (Partial) b. 31 2001 – SWPPP (Partial) c. 32 8000 – Irrigation d. 32 9200 – Turf and Grasses e. 32 9300 – Plants
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

C.	SPECIFIC SCOPE ITEMS
1	<p>This contractor shall provide EARTH MOVING (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2000.</p> <ul style="list-style-type: none"> a. This trade contractor to assume that rough grade will be brought up +/- 0.10' subgrade for landscape areas provided by others. b. This trade contractor is to provide all final grading for landscape areas. c. This trade contractor to provide all compaction of topsoil as required. d. This trade contractor shall scarify existing or new subgrade prior to adding fill. e. This trade contractor is to provide all DGA below landscape areas as shown in the contract documents.
3	<p>This contractor shall provide SWPPP (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2001.</p> <ul style="list-style-type: none"> a. This trade contractor shall provide not limited to straw mulching, fertilizer application control, seeding / sod for temporary and permanent stabilization as required in the contract documents.
4	<p>This contractor shall provide IRRIGATION (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 8000.</p> <ul style="list-style-type: none"> a. This trade contractor shall provide all excavation and competent backfill required to install irrigation lines. b. This trade contractor needs to take into consideration that there are steam, chilled water, utility structures, and other utility lines located on the North and NE side of the building and need to make sure to excavate around these lines with caution and follow Turner's Safety Policy on Excavations around utilities. c. This trade contractor shall coordinate final power connections with TC-032 interior electrical contractor. Assume the controller will be inside the building. d. This trade contractor shall test and flush out all irrigation lines as required in the contract documents. e. This trade contractor shall provide all maintenance of the irrigation system as required by the contract documents that is not limited to first winterization, spring turn on head adjustments and controller maintenance. f. This trade contractor shall provide all sleeves as necessary for all irrigation piping passing through or place under concrete, masonry, paved areas, etc and as required in the contract documents.
5	<p>This contractor shall provide TURF AND GRASSES (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 9200.</p> <ul style="list-style-type: none"> a. Reference soil profiles on sheet C900.
6	<p>This contractor shall provide PLANTS (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 9300.</p> <ul style="list-style-type: none"> a. This contractor shall provide all ledger rock and river flats stone that is shown in the contract documents b. This trade contractor is to include all excavation and competent backfill required to install all shrubs, plants, and trees as shown in the contract documents. c. Previous contractor backfilled stone around perimeter of the entire building foundation to existing grade. This trade contractor is to remove all necessary crushed stone and crushed stone backfill to a depth necessary per C900/C901 Soils Plan requirements. (ADD #3) d. This trade contractor shall provide watering of all shrubs, trees, and plants until established as detailed in the contract documents. e. This trade contractor is responsible for all costs associated with watering. f. This trade contractor shall provide, and remove when complete, protection and supports for all new shrubs, trees, and plants as shown in the contract documents.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

7	This trade contractor shall provide all maintenance services as required in the contract documents. This includes all watering, weeding, and mowing until plants are fully established and accepted.
8	This trade contractor to include additional 100 labor hours and an additional \$10,000 material of landscape repair used at CM's discretion.
9	This trade contractor shall return in the fall of 2027 to compact and refinish settled areas to grade.
10	This trade contractor is to higher a private utility company prior to excavating for trees and shrubs.
11	This trade contractor to include additional 150 labor hours and an additional \$10,000 material of Irrigation repair used at CM's discretion.
12	This trade contractor shall verify all elevations of structures and piping during and after installation. Provide as-built drawings generated by a licensed surveyor documenting X, Y, Z coordinates of structures, invert elevations of all pipe and elevations of bottom of structures / castings.
13	Provide all hauling and/or dumpsters required for this scope of work as needed. a. See section 01 7419 Construction Waste Management and Disposal for additional information. Assume all concrete wash out and demolished concrete and asphalt to be collected and recycled in accordance with the site Waste Management Plan. Provide weight tickets and other documentation as outlined in Specification 017419.
14	This contractor shall adhere to all University of Kentucky Tree Protection Standards. a. Provide any tree root pruning required for installation of this trade contractor scope of work. b. Consult with TC-005 Arborist Contractor prior to performing any work around trees.
15	This contractor is to provide new topsoil and sod where temporary asphalt drive for Dimock is removed as shown on SK-001. (ADD #3)
16	This Trade Contractor shall coordinate its installations with TC-047 Site Electric incorporating BIM coordination as detailed in ATTACHMENT H. (ADD #4)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Rough Grading

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1.	Document Control Server Allowance - \$5,000
2.	Additional Final Grading Allowance - \$20,000

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none">a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested.b. Shift work plan.c. Number of Foremend. Anticipated lead times and permit approval.e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT. 1	Loading Dock Screen Wall (ADD #3)

Attachment “B”
SCOPE OF WORK
TC-045 – Landscapes

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

LIST OF MATERIALS AND EQUIPMENT

Each item listed under the different phases of construction must be clearly identified so that the Owner will definitely know what the Bidder proposes to furnish.

The use of a manufacturer's or dealer's name only, or stating "as per Plans and Specifications," will not be considered as sufficient identification.

Where more than one "Make" or "Brand" is listed for any one item, the Owner has the right to select the one to be used.

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

MATERIALS AND EQUIPMENT

BRAND OR MANUFACTURER

[illegible]

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-046 Hardscapes & Loading Dock

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK INVITATION TO BID: **CCK-2564.0-18-26**
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION BID OPENING DATE: **August 12th, 2025**
PROCUREMENT
RM. 322 SERVICE BUILDING TIME 3:00 P.M. E.D.T.
LEXINGTON, KY. 40506-0005

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 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 these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Alternates:

Alternate 1: Loading Dock Screen Wall

- Provide louvered fence screenwall at Loading Dock as noted on Keynote 17 on Sheet C700 . (ADD#3)

ADD / DEDUCT \$ _____

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

FORM OF PROPOSAL

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

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-26** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.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 the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) SMALL BUSINESS: A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) LARGE BUSINESS: A business concern that exceeds the small business size code standards established by SBA.
- (03) DISADVANTAGED SMALL BUSINESS: A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) DISADVANTAGED LARGE BUSINESS: A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) WOMAN-OWNED SMALL BUSINESS: A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) WOMAN-OWNED LARGE BUSINESS: A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS: A concern that meets the definition of both (03) and (05) above.
- (08) DISADVANTAGED, WOMAN OWNED LARGE BUSINESS: A concern that meets the definition of both (04) and (06) above.
- (09) OTHER: A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Cast-In-Place Concrete	CY	
Structural Steel	Ton	
Pipe & Tube Railing	LF	
TPO Roofing	SF	
Bollards	EA	
Bike Racks	EA	
Excavation	CY	
Rock Excavation	CY	
Concrete Paving	CY	
Unit Paving	SF	
Porous Unit Paving	SF	
Site Guardrail	LF	

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Cast-In-Place Concrete					\$
8	Masonry					\$
9	Structural Steel & Metal Decking					\$
10	Framing (Cold-Formed Metal Framing & Non-Structural)					\$
11	Pipe & Tube Railings					\$
12	Rough Carpentry, Sheathing, and Gypsum Board					\$
13	Thermal Insulation					\$
14	Fluid-Applied Membrane Air Barriers					\$
15	Waterproofing					\$
16	TPO Roofing, Roof Accessories, and Soffit Panels					\$
17	Applied Fire Protection					\$
18	Joint Sealants and Expansion Joints					\$
19	Loading Dock Equipment					\$
20	Site Furnishings					\$
21	Bike Racks					\$
22	Excavation					\$
23	Earth Retention System					\$
24	Concrete Paving					\$
23	Unit Paving					\$
24	Porous Unit Pavement					\$
25	Louvered Fence					\$
26	Subdrainage					\$
27	Site Guardrail					\$
28	Exterior Final Cleaning					\$

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000
2	Utility Locate Allowance					\$10,000
3	Architectural Precast Coordination Allowance					\$50,000
4	Tree Pruning Allowance					\$30,000
5	Site Improvement Alterations					\$50,000
6	Additional Crane Operation Allowance					\$50,000
7	Progression Photo Allowance					\$50,000 (ADD #3)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)		\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)		\$

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: <ul style="list-style-type: none">a. Variations to avoid interference and obstructions.b. Providing all components and services usually supplied with a specific system.c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents.d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-07 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan (ADD #4) b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan (ADD #4) d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #4) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 0300 Structural Excavation and Backfill b. 03 3000 Cast-In-Place Concrete c. 04 2000 Unit Masonry d. 05 1000 Structural Anchors e. 05 1200 Structural Steel Framing f. 05 3100 Steel Decking g. 05 4000 Cold Formed Metal Framing - Structural h. 05 5213 Pipe and Tube Railings i. 06 1000 Rough Carpentry j. 06 1600 Sheathing k. 07 1326 Self Adhering Waterproofing l. 07 1416 Cold Fluid-Applied Waterproofing m. 07 2100 Thermal Insulation n. 07 2726 Fluid-Applied Membrane Air Barriers o. 07 4113 Manufactured Metal Roof Panels p. 07 4293 Soffit Panels q. 07 5423 Thermoplastic-Polyolefin (TPO) Roofing r. 07 6200 Sheet Metal Flashing and Trim

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	<p>s. 07 7100 Roof Specialties</p> <p>t. 07 7200 Roof Accessories</p> <p>u. 07 8100 Applied Fire Protection</p> <p>v. 07 8123 Intumescent Fire Protection</p> <p>w. 07 8413 Penetration Firestopping</p> <p>x. 07 8443 Joint Firestopping</p> <p>y. 07 9200 Joint Sealants</p> <p>z. 07 9219 Acoustical Joint Sealants</p> <p>aa. 07 9513.16 Exterior Expansion Joint Cover Assemblies</p> <p>bb. 08 3113 Access Doors and Frames</p> <p>cc. 09 2216 Non-Structural Metal Framing</p> <p>dd. 09 2900 Gypsum Board</p> <p>ee. 10 2600 Wall and Door Protection</p> <p>ff. 11 1313 Loading Dock Bumpers</p> <p>gg. 11 1319 Stationary Loading Dock Equipment</p> <p>hh. 12 9300 Site Furnishings</p> <p>ii. 12 9313 Bike Racks</p> <p>jj. 31 2000 Earth Moving (Partial)</p> <p>kk. 31 2001 Stormwater Pollution Prevention Plan (SWPPP) (Partial)</p> <p>ll. 31 3116 Termite Control</p> <p>mm. 32 1313 Concrete Paving (Partial)</p> <p>nn. 32 1373 Concrete Paving Joint Sealants</p> <p>oo. 32 1400 Unit Paving</p> <p>pp. 32 1443 Porous Unit Pavement</p> <p>qq. 32 3121 Louvered Fence</p> <p>rr. 33 4600 Subdrainage</p>
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

C.	SPECIFIC SCOPE ITEMS
1	This contractor's scope of work is for the complete construction of the Loading Dock and Generator Enclosure Area, the South Patio Area, and the Site Hardscapes with the exception of certain exclusions listed throughout this scope of work. Although there are drawings included in this bid package that show work outside of these areas, it is understood that this work is not to be included with this trade contractor. Specifications listed below as "complete" are only in reference to the applicable areas of work.
2	This contractor shall provide Structural Excavation & Backfill (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 03 0300 .
3	<p>This contractor shall provide Cast-In-Place Concrete (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 03 3000.</p> <ul style="list-style-type: none"> a. This includes but is not limited to: all foundations, retaining walls, equipment pads, slabs, ramps and footings. b. This also includes all accessories including but not limited to: reinforcing, vapor barrier, curing compounds, sealant, and expansion joints. c. Provide all dowelling into existing structure at Loading Dock and South Patio. d. Provide all material, layout and setting of any embeds. e. Provide grouting at all column base plates. f. Provide an additional 100 hours for slab block outs above and beyond base scope of work to be used at CM's discretion.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

4	<p>This contractor shall provide Unit Masonry (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 04 2000.</p> <ul style="list-style-type: none"> g. This includes mortar and grout, grouted bond beams and cores, reinforcing steel for masonry, masonry reinforcement, all ties and anchors, masonry embed flashing and flashings indicated in specification and drawings. Include drilling for doweling reinforcement if applicable. h. Provide all head of wall bracing including all required angles, bent plates, etc. i. Provide all openings and all associated lintels and bond beams in masonry walls for all doors, windows, mechanical penetrations, louvers, grouped conduits, etc. Reference architectural plans for locations of doors and louvers. Reference structural drawings for typical lintel details and schedules. <ul style="list-style-type: none"> i. Provide an additional five (5) 5' x 5' openings including labor and material for lintels to be used at CM's discretion. j. This contractor to install sleeves for penetrations through masonry provided by others. k. Provide all bearing plates where beams or any other structural members bear on masonry. l. Provide tarping of work areas as required to eliminate excessive grout and mortar debris. Provide daily cleanup of work areas. m. Subcontractor to include washing and cleaning as required to deliver a quality product per the project documents. n. Partitions must meet all STC Ratings, Fire Ratings, and UL Design Requirements outlined in the drawings and specifications. o. Water will be available on-site but this contractor is responsible for providing means and methods for bringing utilities to areas necessary for this work. p. This contractor is responsible for providing their own electrical power required for their scope of work. q. Provide grout touch-up as needed around in-wall electrical boxes. r. Provide 50 hours for CMU repair to be used at CM's discretion. Include separate mobilization for this work. s. Receive, inventory, and install all hollow metal frames in masonry walls. <ul style="list-style-type: none"> i. Include grouting of all hollow metal frames in masonry walls. ii. Include masonry tooth work and comeback as frames may not be on site in conjunction with construction of wall. iii. Include bracing and door spreaders at sills, middle spans and head conditions to stabilize and eliminate frame deflection during masonry installation.
5	<p>This contractor shall provide Structural Anchors (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 1000.</p> <ul style="list-style-type: none"> a. Provide all embedded, hanging, and steel-anchored items and detailed setting drawings required for the complete erection of structural steel. This includes all anchor bolts, bearing plates, and concrete embeds for the attachment of structural steel to the concrete and masonry work scopes. This Trade Contractor to remove protection around anchor bolts as needed. b. Include all anchorage and attachment to existing work in place.
6	<p>This contractor shall provide Structural Steel Framing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 1200.</p> <ul style="list-style-type: none"> a. Provide all structural steel framing, steel joist framing, steel decking, structural bracing, shear studs, bridging, couplers, etc., as indicated on the Contract Documents and as required to provide a turnkey, complete system. This Trade Contractor shall further provide all concrete slab stops, including bent plates, deck closures, and shims at every slab edge perimeter and slab opening perimeter. Reference specification 05 1200 for bent plate tolerances. b. Provide prime painting, galvanizing and architecturally exposed structural steel where it is indicated on the drawings and in the specifications. Do NOT prime structural steel that is to receive spray-on-fireproofing. <ul style="list-style-type: none"> i. Provide touch-up as required in the field after erection on any prime painted members or galvanized members. c. Clean and dewater column foundations as needed to install structural steel. d. This contractor shall furnish and install all angles or beams required for floor or roof penetrations. Coordinate work efforts with the MEP contractors to ensure that framing members provided for the

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	MEP trades, slab, and roof penetrations are correctly designed and located. Accurate dimensional information will be provided by the MEP contractors. e. This contractor shall survey columns to verify plumbness, top of beams to verify elevations, and bent plate elevation and location.
7	This contractor shall follow specification and AISC requirements for weld inspections and reporting and report to CM. A summary of the sequence is as follows: a. Welding inspection reports from fabrication shall be submitted prior to steel arriving onsite. b. Erection contractor shall submit welding certificates for individuals performing welds, including continuity log to show weld certs are current. c. Erection foreman shall keep an electronic weld map and note which prequalified tradesman welds each location. Map shall include time and date weld was complete. i. This map shall be transmitted weekly to the CM for review. d. Erection Foreman (if qualified or qualified individual) shall visually inspect all field welds and note date and time of visual inspection. e. This Trade Contractor to provide their own dedicated fire watch during hot work activities and welding blankets provided to protect existing installations below (waterproofing, foam board, etc.). All fire extinguishers for hot work activities are to be provided by this Trade Contractor. f. Once the above is complete, the Owner's testing agency shall inspect welds in accordance with AISC standards.
8	This contractor shall provide Steel Decking (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 3100 . a. Provide all metal floor and roof decking, metal deck closures, pour stops, joint covers, expansion joints, etc. b. Provide all shear studs and any misc. support steel as required for the complete installation of metal deck. This contractor shall include unlimited mobilizations for installation of shear studs. c. Include all shop-applied couplers as indicated on the Contract Documents.
9	This contractor shall provide Cold Formed Metal Framing - Structural (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 4000 .
10	This contractor shall provide Pipe and Tube Railings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 5213 . a. Provide core drilling and grouting as indicated in the contract documents. b. Provide touch-up of galvanizing as necessary.
11	This contractor shall provide Rough Carpentry (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 06 1000 . a. All blocking required (where explicitly shown on the Contract Documents or not) for this trade contract's divisions of work and installation of items in this scope of work.
12	This contractor shall provide Sheathing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 06 1600 .
13	This contractor shall provide Self Adhering Waterproofing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 1326 . a. Repair waterproofing as required for attachment to main building foundation. a. For any patching, this contractor must use same product of main building waterproofing.
14	This contractor shall provide Cold Fluid-Applied Waterproofing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 1416 . a. This trade contractor is to include Cold Fluid-Applied Waterproofing under topping slab at Area C south entrance. Reference C/A-545A and associated details for location. Include separate early mobilization for this work. (ADD #3)
15	This contractor shall provide Thermal Insulation (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 2100 .
16	This contractor shall provide Fluid-Applied Membrane Air Barriers (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 2726 .

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

17	This contractor shall provide Manufactured Metal Roof Panels (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 4113 .
18	This contractor shall provide Soffit Panels (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 4293 .
19	<p>This contractor shall provide Thermoplastic-Polyolefin (TPO) Roofing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 5423.</p> <ul style="list-style-type: none"> a. Flash and seal all roof-mounted accessories penetrating the roof system including mechanical curbs, roof drains, vents, screen walls, window washing anchors, etc. <ul style="list-style-type: none"> i. Provide an additional 10 ea. "witches-hat" flashing in base bid to flash unforeseen conditions as directed by the CM. b. This Trade Contractor is responsible for final cleaning the roof when contract work is complete. Provide an ADDITIONAL final cleaning of the entire roof surface just prior to the "roof punch list" or as directed by the CM. Assume separate mobilization for additional cleaning. c. Provide and install roof protection after final roof membrane is installed. Roof protection shall consist of 2" rigid insulation and minimum ½" treated plywood sheathing that is to be installed and removed as directed by the CM. Coordinate materials with roofing manufacturer to ensure compatibility. d. This contractor must match all roofing products utilized on the main building.
20	<p>This contractor shall provide Sheet Metal Flashing and Trim (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 6200.</p> <ul style="list-style-type: none"> a. Provide all SMFT to provide a complete water-tight assembly associated with the roofing system.
21	This contractor shall provide Roof Specialties (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 7100 .
22	This contractor shall provide Roof Accessories (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 7200 .
23	<p>This contractor shall provide Applied Fire Protection (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8100.</p> <ul style="list-style-type: none"> a. Provide all applied fire protection to all building steel structural framing, floor, and roof assemblies per Contract Documents whether shown graphically or by callout. <ul style="list-style-type: none"> i. Note that the building is in the epicenter of campus and is surrounded by healthcare facilities, academic facilities, students, staff, and visitors. Adequate protection around the entire perimeter of the area of work is required to prevent overspray from migrating onto adjacent structures or falling below to people. Any damages from overspray are the responsibility of this contractor. b. Provide auxiliary materials as needed to ensure adhesion such as primers, adhesive additives, mesh, fabric, and other materials as noted in the specifications. c. This Trade Contractor shall provide area cleaning to a level acceptable to the CM at the end of each shift (i.e. clean as you go). d. Include 50 hours and \$5,000 of material for miscellaneous applied fire protection patching as directed by the CM. Include additional mobilization to perform this work.
24	This contractor shall provide Intumescent Fire Protection (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8123 .
25	This contractor shall provide Penetration Firestopping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8413 .
26	<p>This contractor shall provide Joint Firestopping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8443.</p> <ul style="list-style-type: none"> a. Reference Life Safety Plans and architectural drawings for locations of rated partitions. b. Provide all required firestopping assemblies to comply with specified partition ratings including head-of-wall, bottom-of-wall, and vertical joint systems. c. All firestopping is subject to destructive testing to verify acceptable installation. Include labor and material for associated repairs.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

27	This contractor shall provide Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9200 . a. Provide all control and expansion joints as indicated in the drawings and specifications. b. Include sealant at all door and window frames located in masonry. c. Include cleaning out and caulking of all concrete joints.
28	This contractor shall provide Acoustical Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9219 .
29	This contractor shall provide Exterior Expansion Joint Cover Assemblies (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9513.16 .
30	This contractor shall provide Access Doors and Frames (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 08 3113 . a. Furnish and install access panels shown on the architectural documents and as needed for items that require access in ceilings/walls. Coordinate openings in ceilings/walls with other trades. b. Receive and install access panels supplied by MEP trades. Provide all necessary framing and blocking required for installation. c. Assume all access doors shall be lockable and able to receive a UK standard 7-pin cylinder and core.
31	This contractor shall provide Non-Structural Metal Framing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2216 .
32	This contractor shall provide Gypsum Board (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2900 . a. This includes but is not limited to: Gypsum wall board, ceilings, bulkheads, soffits, acoustical sealant, firestop safing & sealants associated with wall/ceiling assemblies, and all trim accessories. b. Coordinate openings in gypsum wall board with MEP trades. c. Provide control joints in gypsum board wall construction as indicated. Verify final C.J. locations with CM and architect prior to work start. d. This contractor to include necessary drywall touch up normal and customary to the scope of work of this size, difficulty, and scale. Include all labor and material for this work.
33	This contractor shall provide Wall and Door Protection (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 10 2600 .
34	This contractor shall provide Loading Dock Bumpers (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 11 1313 .
35	This contractor shall provide Stationary Loading Dock Equipment (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 11 1319 .
36	This contractor shall provide Site Furnishings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 12 9300 . a. Provide all concrete fill for bollards. b. Provide painting of all bollards.
37	This contractor shall provide Bike Racks (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 12 9313 .
38	This contractor shall provide Earth Moving (Partial) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2000 . a. Previous trade contractor has performed mass excavation to subgrades for "main" building foundation. This contractor shall provide excavation including rock removal for loading dock and south patio areas. Refer to SK-004 for estimated rock locations and elevations. b. This trade contractor is to include all competent backfill for Loading Dock and South Patio Area Foundation and Retaining Walls. c. All rough grading for site pavements, walkways, and landscape areas are by TC-044 Grading & Site Storm Contractor. d. Provide all haul off of spoils as required. There will be no on-site stockpiling of spoils.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	<ul style="list-style-type: none"> e. TC-046 to maintain emergency egress throughout all earthwork activities. f. Provide dewatering for all excavations as needed including all pumps, hoses, etc.
39	<p>This trade contractor shall provide a complete retention system for the South Patio area including all shoring, and underpinning as shown on Contract Documents, project logistics plan, and as specified. Retention system to be designed and stamped by a professional engineer registered in the Commonwealth of Kentucky under this contract. Provide detailed plan with drawings for excavation and retention work.</p> <ul style="list-style-type: none"> a. Provide retention system for the west, south, and east sides of the South Patio Area Footprint (see SK-005). <ul style="list-style-type: none"> i. Coordinate with location of storm piping for design of west side of retention system b. This trade contractor is to provide own means and methods to gain access to the South Patio Area. c. When designing the retention system, special care shall be taken around the existing utilities in the area. d. When designing the retention system, openings in the retention system for utility connections to the building shall be installed by this Trade Contractor. Reference Contract Documents for locations and quantities. <ul style="list-style-type: none"> i. Include an additional (4) 24" x 24" openings within the retention system to be directed by the Construction Manager. e. The Trade Contractor's engineer shall validate needed systems to retain soil to prevent movement of any existing installations. f. Retention system should be designed to withstand construction loading (i.e. fully loaded concrete trucks, ground forces for crane outriggers, etc.) g. Retention shall also include cable guardrails with snow-fence for leading edge protection. Allow 4'-0" from outside of foundation wall or 18" from outside edge of footing (whichever is greater) to face of lagging. <ul style="list-style-type: none"> i. Cable guardrail design should adhere to Turner's safety policy. <ul style="list-style-type: none"> 1. Include (2) openings in cable guardrail at top of earth retention for walk planks into building and stair towers into the garden level. Locations to be determined by Construction Manager. h. This Contractor to include removal of the retention system (including guardrail system) to a minimum 36" below finish grade in conjunction with foundation backfill. Maintain a leading-edge CAZ at all times; fence off when backfill operations are not being performed. <ul style="list-style-type: none"> i. Coordinate with other utilities or foundations that may require the lagging to be left at a lower elevation. ii. Provide as-built drawing of final retention system to be turned over to the Owner and Construction Manager for future coordination. i. Please note that during excavation of the south patio area, this contractor will encounter abandoned components of the original retention system for the building including soldier piles, lagging boards, and tiebacks. Remove components as required for installation of new work. j. Assume 4 penetrations in retention system for existing steam lines. Provide temporary shoring/support for exposed steam lines inside the retention system. See SK-005. (ADD #3) k. This trade contractor needs to take into consideration that there are various utilities located in the vicinity of the retention system area and need to make sure to excavate around utilities with caution and follow Turner's safety Policy on Excavations around utilities. (ADD #3)
40	<p>This contractor shall provide Stormwater Pollution Prevention Plan (SWPPP) (Partial) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2001.</p>
41	<p>This contractor shall provide Termite Control (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 3116.</p>
42	<p>This contractor shall provide Concrete Paving (Partial) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1313.</p> <ul style="list-style-type: none"> a. This trade contractor to provide all concrete sidewalks, concrete pavement, and mow strips shown in the contract documents.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	<ul style="list-style-type: none"> b. Concrete curbs will be provided by TC-044 Grading contractor. Coordinate adjacent concrete pavement installation as required. c. Extra caution shall be taken for the installation of work along University Drive adjacent to existing trees. Include air knifing required for installation of this work. d. Include an additional 1,500 3,000 (ADD #3) sf of concrete paving above and beyond base scope of work to be used at CM's discretion. Assume typical 6" concrete pavement detail as shown in Civil drawings. (ADD #3)
43	This contractor shall provide Concrete Paving Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1373 .
44	<p>This contractor shall provide Unit Paving (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1400.</p> <ul style="list-style-type: none"> a. Include an additional \$10,000 of material and 150 hours of rework and repair of pavers above and beyond base scope of work to be used at CM's discretion.
45	This contractor shall provide Porous Unit Pavement (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1443 .
46	This contractor shall provide Louvered Fence (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 3121 .
47	<p>This contractor shall provide Subdrainage (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 33 4600.</p> <ul style="list-style-type: none"> a. This trade contractor is to provide all Subdrainage for the South Patio area. See SK-003 for details. All other drainage piping around the perimeter of "main" building foundation is provided by others. b. Trade contractor to provide all #57 stone wrapped with filter fabric for subdrainage piping.
48	<p>Provide all hauling and/or dumpsters required for this scope of work as needed.</p> <ul style="list-style-type: none"> a. See section 01 7419 Construction Waste Management and Disposal for additional information. b. Assume all concrete wash out and demolished concrete and asphalt to be collected and recycled in accordance with the site Waste Management Plan. Provide weight tickets and other documentation as outlined in Specification 017419.
49	<p>This contractor shall adhere to all University of Kentucky Tree Protection Standards.</p> <ul style="list-style-type: none"> a. Provide any tree root pruning required for installation of hardscapes. b. Consult with TC-005 Arborist Contractor prior to performing any work around trees.
50	<p>Provide all exterior site handrail and guardrail.</p> <ul style="list-style-type: none"> a. Provide all coordination with other trades, most notably TC-001 Architectural Precast. b. Provide all required layout, inserts and embeds, core drilling, grouting and epoxy as needed. c. Include an additional 100 journeyman hours of handrail repair and rework above and beyond base scope of work to be used at CM's discretion.
51	<p>For all site hardscapes installed by this contractor, provide all labor and material required for a complete installation including but not limited to: compaction of subgrade as required, stone, DGA, sand, geotextile fabric, concrete, and reinforcing.</p> <ul style="list-style-type: none"> a. TC-044 Grading contractor will bring earth up to sub grade +/- 1/10'. TC-046 is responsible for bringing up to final grade in all hardscape areas.
52	<p>This contractor shall provide Final Cleaning for all work installed by this contractor the entire exterior site and building facade. Final Cleaning shall be done by a certified cleaning company approved by the CM, not laborers.</p> <ul style="list-style-type: none"> a. This includes, but is not limited to all: sidewalks, curbs and gutters, asphalt, pavers, and building façade including exterior window washing. b. Provide power washing of all sitework installations. Use caution to select appropriate nozzle and pressure for each respective cleaning activity. This Trade contractor is responsible for all costs associated with damage caused by power washing or other cleaning activities. c. Include an additional 200 journeyman hours of miscellaneous cleaning above and beyond base scope of work to be used at CM's discretion. (ADD #3)
53	This contractor shall provide complete demo and removal of Building Mock-Up inclusive of all architectural and structural elements. Backfill area to match surrounding grade. Reference Sheets A-504, A-505, and S-

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	450 (ADD #3) for details on mockup construction. Mock-Up is located in the Project Laydown Area shown in SK-001.
54	This contractor shall provide own means of hoisting and rigging for all material and equipment.
55	This contractor shall provide Site Clearing (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 1000 . <ul style="list-style-type: none"> a. This contractor shall provide demolition and removal of all concrete sidewalks shown on the Civil Drawings. b. This contractor shall include complete removal of (1) dead 7" tree including stump and roots at south site entrance gate. c. Demolition and removal of all asphalt surfaces, stone underlayment, trees, and plantings will be provided by TC-044 Grading Contractor. (ADD #3)
56	This contractor shall provide, maintain, and remove tree protection fencing for all trees along University Dr and Huguelet Dr. (ADD #3)
57	Provide protection of at minimum ¾" marine grade plywood for all pavers immediately following installation. Provide removal of protection as directed by the CM. (ADD #3)
58	This contractor shall provide, maintain, and remove when directed by CM new fencing and gates as well as reworking existing fence and gates as shown on SK-001.4. <ul style="list-style-type: none"> a. Prior to relocating fence along University Drive for new sidewalk installation, this contractor shall provide a new temporary bus stop at nearby location to be determined. Bus stop shall include new 10'x10' concrete pad and relocation of existing bench and signage. Coordination with CM, UK, and Lextran will be required. (ADD #3) b. Remove the existing Jersey Barriers and Fencing as shown on SK-001.4. (ADD #4) c. For all driven fence post follow Turner's Safety Policy for ground penetration ensuring proper utility locates and proper hydro excavation. (ADD #4)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Trees, plantings and topsoil
3.	Irrigation
4.	Mechanical, Electrical, Plumbing, Fire Protection, and Technology work
5.	MEP Penetration Firestopping and Joint Sealants
6.	Louvers
7.	South canopy including steel framing roofing, soffit panels, etc.
8.	Roof Pavers

E.	ALLOWANCES	
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.	
1	Document Control Server Allowance	\$5,000
2	Utility Locate Allowance (ADD #3)	\$10,000
3	Architectural Precast Coordination Allowance	\$50,000
4	Tree Pruning Allowance	\$30,000

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

5	Site Improvement Alterations	\$50,000
6	Additional Crane Operation Allowance	\$50,000
7	Progression Photo Allowance (ADD #3)	\$50,000

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Loading Dock Screen Wall (ADD #3)

Attachment “B”
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

LIST OF MATERIALS AND EQUIPMENT

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

[illegible]

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-047 Site Electric

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 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 these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

FORM OF PROPOSAL

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

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.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 the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

_____ FAX _____

CITY _____ STATE _____ ZIP CODE _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|---|---|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment “B”
SCOPE OF WORK
TC-047 – Site Electric

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Lightpole Fixture	EA	
Lightpole Base	EA	
Duct Bank	LF	

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Excavations					\$
8	Underground Raceways					\$
9	Site Lighting					\$
10	Grounding and Bonding					\$
11	Communications/Fiber					\$
12	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000 (ADD #4)
2	Retaining Wall Lighting Coordination Allowance					\$10,000
3	Additional Hydro-Vac Excavation Allowance					\$10,000
4	Existing Conditions Coordination Allowance					\$10,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan k. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan (ADD #4) b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan (ADD #4) d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #4) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 3000 Cast in Place Concrete (Partial) b. 26 0501 General Provisions c. 26 0503 Shop Drawings, Literature, Manuals, Parts Lists, and Special Tools d. 26 0504 Sleeving, Cutting, Patching, and Repairing (ADD #3) e. 26 0508 Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others f. 26 0519 Conductors, Identifications, Splicing Devices and Connectors g. 26 0531 Cabinets, Outlet Boxes and Pull Boxes h. 26 0533 Raceways and Fittings i. 26 0543 Underground Ducts and Raceways for Electrical Systems j. 26 0553 Identifications for Electrical Systems k. 26 2726 Wiring Devices and Plates l. 26 5113 LED Lighting Fixtures and Lamps m. 27 0501 General Provisions - Telecommunications n. 27 0526 Grounding and Bonding for Communications Systems o. 31 2000 Earth Moving (Partial)

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

C.	SPECIFIC SCOPE ITEMS
1	<p>This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials etc..., furnishing shop drawings and /or setting drawings and so on. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete finishes.</p> <p>a. This contractor shall include an in-place mockup of lighting installation at precast panels at the south entrance to building.</p>
2	<p>This Trade Contractor shall furnish and install all sleeves and blockouts for this contractor's penetrations of walls, & utility structures. Coring of all foundation walls, utility structures, etc. as required to install the work shall be included. Any waterproofing damaged by core drilling activities shall be the responsibility of this contractor to repair to a water tight condition. All water proofing repair must be reviewed by Turner and the façade consultant prior to backfill commencing.</p> <p>a. This contractor to include all core drilling of utility structures, foundations walls, etc. as required for this scope of work</p> <p>b. This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work.</p> <p>c. This contractor is to gain fire stopping PRIOR to backfill commencement.</p> <p>d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades.</p> <p>e. Structures are already waterproofed</p> <p>f. This contractor shall provide all Firestopping per the specification listed below at all rated penetrations in coordination with installation of rated assemblies.</p>
3	<p>This Trade Contractor shall include all materials, labor, tools, supplies, transportation, taxes and equipment to provide all CAST-IN-PLACE CONCRETE (Partial) as shown on the Contract Documents and in accordance with section 03 3000.</p> <p>a. This contractor shall include all excavation, forming, reinforcement, and concrete for light pole bases. Excavation must be done via Hydro-Vac for all light pole bases.</p> <p>b. This contractor to include utilizing private locating company prior to all excavation.</p>
4	This contractor shall provide GENERAL PROVISIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0501 .
5	This contractor shall provide SHOP DRAWINGS, LITERATURE, MANUALS, PARTS LISTS, AND SPECIAL TOOLS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0503 .
6	This contractor shall provide COORDINATION AMONG TRADES, SYSTEMS INTERFACING AND CONNECTION OF EQUIPMENT FURNISHED BY OTHERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0508 .
7	<p>This contractor shall provide CONDUCTORS, IDENTIFICATION, SPLICING DEVICES AND CONNECTORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0519.</p> <p>a. This contractor to provide power to all manholes as shown on the drawings and terminate all wire within electrical panels located inside the building. Include all pathways required and as shown on the drawings.</p>

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

	b. This contractor to coordinate all outages with Turner and UK for any activities that will take power offline within the project, or in other facilities located on campus.
8	This contractor shall provide CABINETS, OUTLET BOXES AND PULL BOXES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0531 .
9	This contractor shall provide RACEWAYS AND FITTINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0533 .
10	<p>This contractor shall provide UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0543.</p> <ul style="list-style-type: none"> a. This contractor to provide power to all manholes and utility structures provided by this contractor and others as shown on the drawings and terminate all wire within electrical panels located inside the building. Include all pathways required and as shown on the drawings. (ADD #3) b. This contractor is to include competent backfill of all excavations. c. This contractor to ignore notes ED21, and ED23 as these were completed in an earlier bid package. d. This contractor shall patch all asphalt as required to install conduits per note UE40 on E-211. e. All activities requiring excavation outside of the project limits must be done during off hours, from 7PM-5AM. This work must be coordinated with UK and Turner prior to commencement. f. This contractor shall include all SWPPP, fencing, etc. for all excavations outside the project limits. g. This Trade Contractor shall include an additional 200hrs OT for coordination of underground raceways to be used at the discretion of the CM.
11	This contractor shall provide IDENTIFICATIONS FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0553 .
12	This contractor shall provide WIRING DEVICES AND PLATES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2726 .
13	<p>This contractor shall provide LED LIGHTING FIXTURES AND LAMPS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 5113.</p> <ul style="list-style-type: none"> a. This Trade Contractor shall include an additional 200hrs OT for site lighting coordination to be used at the discretion of the CM.
14	<p>This contractor shall provide GENERAL PROVISIONS - TELECOMMUNICATIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0501.</p> <ul style="list-style-type: none"> a. Contractor to pay special attention to notes UE26, UE27, and UE28 on sheet E211 as these will require the contractor to access and pull from facilities surrounding the project. b. Personnel pulling fiber shall be certified under the BICSI installation certification program. c. Access to all buildings outside the project limits is strictly prohibited, and must be coordinated and approved by Turner and UK prior to commencement.
15	This contractor shall provide GROUNDING AND BONDING FOR TELECOMMUNICATIONS SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0526 .
16	<p>This contractor shall provide EARTH MOVING (Partial) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 31 2000.</p> <ul style="list-style-type: none"> a. This contractor shall follow all backfill requirements as specified for all excavations. b. This trade contractor needs to take into consideration that there are steam, chilled water, utility structures, and other utility lines located on the North and NE sides of the building and need to make sure to excavate around these lines with caution and follow Turner's safety Policy on Excavations around utilities.
17	<p>The BIM model of all work previously installed by site utilities contractors will be provided. This Trade Contractor take this previous bid package model and build upon it, incorporating BIM coordination as detailed in ATTACHMENT H. This work includes but is not limited to the following:</p> <ul style="list-style-type: none"> a. All systems installed under this scope of work. b. Site storm installations to be installed by TC-044 Site Grading and Storm.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

	<p>i. Final locations to be provided by TC-044.</p> <p>c. Irrigation installations performed by TC-045 Landscaping.</p> <p>i. Include all irrigation piping, and heads.</p>
18	This contractor shall include an early mobilization to install pathways to new chilled water vault located on the northeast corner of the site. Timing to be coordinated with Turner.
19	This contract or to include an additional early mobilization run pathways inside the building from panels to stub out of building.
20	<p>This contractor shall provide sump pumps and power for pumps for storm structures 8A, 8B, and 12 as shown on Sheets C600 and C601.</p> <p>a. Forced main piping to pumps will be provided by others. (ADD #3)</p>
21	This contractor shall provide SLEEVING, CUTTING, PATCHING, AND REPAIRING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0504 . (ADD #3)
22	This contractor shall include rework of all fence lighting along Veterans Dr, University Dr., and Huguelet Dr. per sketch SK-001.4. Provide new lighting as required to ensure continuous lighting around the perimeter of the site. (ADD #4)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1	Document Control Server Allowance - \$5,000
2	Additional Hydro-Vac Excavation Allowance – \$10,000
3	Additional Precast Retaining Wall Lighting Coordination Allowance – \$10,000
4	Retaining Wall Lighting Coordination Allowance - \$10,000 (ADD #4)

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none">a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested.b. Shift work plan.c. Number of Foremend. Anticipated lead times and permit approval.e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
	N/A

Attachment “B”
SCOPE OF WORK
TC-047 – Site Electric

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

LIST OF MATERIALS AND EQUIPMENT

Where more than one "Make" or "Brand" is listed for any one item, the Owner has the right to select the one to be used.

BRAND OR MANUFACTURER

[illegible]

GENERAL WORK REQUIREMENTS

A.	GENERAL
1.	In these contract documents the term "provide" shall be defined as meaning "furnish and install."
2.	All Trade Contractors shall provide full time supervision while its forces are working on this Project. The Trade Contractors' jobsite supervision shall be experienced in his trade and be capable and have authority to make decisions regarding costs, manpower, and schedule. The Trade Contractors shall obtain the approval of the Construction Manager of his job management personnel prior to their assignment to the Project. Trade Contractors' supervision and management personnel shall not be changed without prior approval of the Owner or Construction Manager.
3.	All contractors shall review the documents to understand what work is included in this Health Education Building Project. Ask specific questions with any clarifications needed.
4.	Work hour details for this Project's existing areas: <ol style="list-style-type: none"> Assume ALL work contained in this work scope that occurs in occupied areas/buildings shall be performed AFTER normal working hours (off shift work hours). Health Education Building construction area – 6:30am to 5:30 pm Monday to Friday. Special work hours and off shift hours will be determined for activities such as hoe ramming, drilling, sawcutting, shot pin installs, outages, etc. Assume hours for this work will be 8 am to 8 pm.
5.	Trade Contractors shall not order or consign materials for the project in the name of the Owner, Architect, or Turner. Turner Reserves the right to reject all such shipments received in this manner. Deliveries must be coordinated with the Construction Manager a minimum of (1) week prior to receipt on site. Any material deliveries without notice will be given access on an "as available" basis. Also reference Turner's standard subcontractor contract 36 article VI.
6.	Trade Contractors are responsible to protect and repair if damaged all adjacent properties and structures, including lawn, planting areas, hardscapes and trees as required to execute the work. Plan for protection of adjacent structures must be part of the overall plan submitted for approval prior to start of work. Trade Contractors will be responsible for immediately replacing/repairing any damage to existing utilities, existing structures, lawn and planting beds, and hardscapes in or outside of the building limits caused by the trade contractor's workforce.
7.	It is the responsibility of each Trade Contractor to make certain that all of its Work performed under the Construction Contract is in accordance with all applicable laws, statutes, ordinances, codes, and regulations. Trade Contractors shall give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority with jurisdiction over the performance of the Work. Contractor shall promptly pay all fees, taxes, deposits, charges, penalties, or interest that may be claimed against or paid by Owner/Construction Manager due to any failure to comply with any such laws, statutes, ordinances, codes, or regulations (including those pertaining to permits, licenses, or notices). This shall include any and all professional engineering fees required. Refer to "Instruction to Bidders" of the Bid Manual for tax details. This project is taxable, all applicable taxes should be included in your bid.
8.	All Trade Contractors must employ the proper trades and provide composite crews if necessary to perform this Scope of Work and to avoid jurisdictional disputes.
9.	Each trade contractor is to provide their own drinking water .
10.	Contractors must be licensed as required by local, State, or Federal jurisdiction required for work of their respective trade in this project location. Contractors are to obtain any and all required licenses including a Contractor's license fee for doing business in the locale. Provide copies of the license to the Construction Manager.
11.	Upon request, Trade Contractors must provide the Construction Manager with field copies of latest referenced standards .
12.	The Contract Price shall be based on a normal forty (40) hour workweek unless otherwise specified i.e. first shift but may be staggered, Monday - Friday. All work to be performed for tie-ins to existing utilities/services shall be figured at a rate outside the normal (40) hour workweek. All tie-in work shall be scheduled with written approval and coordinated with Turner's Superintendent. Unless Turner's Project Superintendent issues written instruction/agreement otherwise, if a contractor works beyond the eight (8) hours per day, five (5) days per week normal work period, he shall bear all added costs. Trade Contractors shall notify Turner's Project Superintendent by 12:00 PM (noon) 2-days before the requested overtime to allow time to make proper arrangements. <u>Overhead and profit markup shall not be permitted on premium time costs or on shift work premiums</u> (see General Conditions).
13.	All Trade Contractors' superintendents and foremen are required to have cell phones compatible for reception in and around the project areas for daily contact. All Trade Contractors and their sub-contractors are required to have at least one (1) iPad each that will be used for review of electronic drawings and other project information as well as at least one (1) iPad each that will be used for electronic punchlists and project execution via Procore. These iPads are to be used on the construction site and shall be onsite at all times each company's workers are present for those worker's use. iPads shall have their own internet connectivity. Trade Contractors should not assume internet connectivity will be available on-site via Wi-Fi.
14.	The Trade Contractors must attend all required meetings as follows:

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<p>a. The Weekly Work Plan meeting for overall job coordination. Attendance is mandatory for <u>all</u> Trade Contractor <u>superintendents and foreman</u>. All attendees must have the authority to make decisions and commitments.</p> <p>b. The Weekly Six Week Look Ahead Planning meeting for overall job coordination. Attendance is mandatory for all Trade Contractor <u>Project Managers</u>. All attendees must have the authority to make decisions and commitments.</p> <p>c. The Monthly Project Safety Meeting. Additional supplemental meetings will be held due to incidents, field safety violations, etc. by this or other trade contractors / tiered subcontractors.</p> <p>d. The Monthly Trade Review Meeting. The project manager, superintendent, and foreman for each crew/trade are required to be in attendance. These meetings are to discuss current schedule, issues, manpower, and address any other questions or concerns. These meetings will start in the same month as your start of work and will continue until determined otherwise by the construction manager.</p> <p>e. The Monthly Safety Committee Meeting. Each Trade Contractor will have the responsibility to provide an <u>individual</u> to attend the Monthly Safety Committee Meeting. This individual should be considered a competent employee that is able to represent the Trade Contractors' scope of work by having at least 5 years in the trade. The purpose of this meeting is to provide an opportunity to disseminate project safety related information and to receive the helpful feedback from the tradesmen in the field.</p> <p>f. The Daily Stand-Up meetings. Attendance is mandatory for all Trade Contractor <u>superintendents and/or foreman</u>.</p> <p>g. The Reverse Phase Schedule meetings (Pull Plan). Attendance is mandatory for all applicable Trade Contractors. Those trade contractor's <u>project managers and superintendents</u> are required to attend. These will be held at the Construction Manager's discretion.</p> <p>h. The Morning Stretch and Flex. <u>All persons</u> on the project must be in attendance to work that day. Anyone coming in after the stretch and flex has the potential to be removed from site.</p> <p>i. The Pre Task Plan (PTP) meeting. Each trade contractor is responsible for holding these meetings each day after the stretch and flex. The trade contractor's <u>superintendent and/or foreman</u> will be responsible for running this meeting. Each trade contractor is responsible to ensure their sub tier contractors participate in a PTP meeting for the day.</p> <p>j. The Utility Outage Planning meeting. <u>All superintendents and foreman</u> needing outages are required to attend this meeting.</p> <p>k. Separate mechanical and electrical coordination meetings will be held on the jobsite as often as required to facilitate progress of the work.</p> <p>l. Quality Assurance / Quality Control meeting (QA/QC): The construction manager intends to hold a once a month QA/QC meeting. This meeting may be selective with trade contractor <u>project managers, superintendents, and foreman</u> invites for focus on topic. The intent is to limit the meeting to one hour. The option of several meetings is possible with small groups on differing divisions of work. Trade contractors will be required to provide a specific quality control plan for said division of work. We can focus of QA/QC in the specifications, manufacturer's data, mock-up, sign-off sheets, applicable testing and jurisdiction authorities, inspections, deficiency list, special care and protection, peer reviews, sequencing of work and turnover, etc.</p> <p>m. The Job Hazard Analysis (JHA) meeting. This meeting will be before the start of the trade contractor's work. No work will start before this meeting. This meeting will require the trade contractor's <u>safety person, the project manager, the superintendent, and any foreman</u> that will be on that project. All JHAs will be complete prior to this meeting and sent in to Turner for review.</p> <p>n. The Pre-Start Work meeting. The purpose of this meeting is to review the drawings and specs with the trade contractor's <u>project manager, superintendent, and foreman</u> to ensure that the project will be completed according to specifications. Sub tier contractors (including material suppliers) may be required to attend. It will be the responsibility of the trade contractor to ensure the attendance of all required persons from any sub tier contractor needed.</p> <p>o. Any Meeting as required by the Owner, Architect, or Construction Manager</p>
15.	Each contractor will be responsible for the security of his own stored material, job office, conex box, gang box, equipment, tools, etc.
16.	Project signs or advertisements of any nature, including job offices shall not be installed on the jobsite or structure without preapproval of Construction Manager and the Owner. In general, identification lettering of company offices shall be six inches or less; location(s) still must be preapproved by the construction manager and the owner.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

17.	All Trade Contractors shall include work made necessary by field conditions that may not be shown in the Contract Documents, but that are apparent during an inspection of the construction site. Trade Contractors must familiarize themselves with the jobsite prior to starting work.
18.	All equipment is to be equipped with high efficiency, durable construction exhaust purifiers ("Scrubbers"). Each Trade Contractor is responsible for providing and maintaining (including filter changes) scrubbers for each piece of equipment.
19.	All trade contractors are to be responsible to ensure at the end of each day's work shift the building perimeter is secure and locked down and all of their respective employees are offsite.
20.	All construction crews on site are a minimum of two people. No single person crews allowed. This may consist of one ground person and one person in the air.
21.	A special effort is to be made to provide the necessary protection to keep oil (from lifts, equipment, etc.) off of all floor areas. The offending Trade Contractor will be responsible for any clean-up required due to inadequate protection.
22.	The University of Kentucky campus and medical campus are tobacco free. "Use of all tobacco products is prohibited in all owned, operated, leased or [health care] controlled university buildings, grounds, parking structures, enclosed bridges and walkways, sidewalks, parking lots and vehicles, as well as personal vehicles in these areas." "Tobacco includes cigarettes, pipes, snuff, chewing tobacco, e-cigarettes, etc." There are tobacco treatment centers such as the Local health departments (Fayette county Health Department 859-288-2327), 1-800-quit-now. For listings "go to the UKhealthcare.uky.edu to find a link to a statewide listing of tobacco programs.
23.	Contractor shall track their fuel and utility consumption for the duration of their contract. This information shall be turned over to the CM on a monthly basis. Any utilities used through the University will be paid via the special conditions.
24.	All contractors shall refer to Attachment N for the Subcontractor Onboarding Instructions . Contractors are encouraged to complete this process prior to bid opening, as it will expedite contracting with Turner.
25.	Any penetration through existing concrete/CMU walls or decks requires scanning prior to any core drilling activities.
B. SAFETY	
1.	All Trade Contractors must fully comply with the Construction Manager's corporate safety policy , comply with the Site Specific Safety Plan (included in this manual as attachment 'C'), and all federal, state, and local safety ordinances. The Trade Contractor must also submit a formal written project specific safety plan that is complimentary to the Construction Manager's Safety Plan. <ul style="list-style-type: none"> a. In addition, all Trade Contractors shall provide a competent safety person to monitor all aspects of the Trade Contractors' work in accordance with the Safety Plan. b. All workers must go through Safety Orientation prior to commencing work. Safety Orientations will be held Mondays and Wednesdays at 7:30 am (pending staggered shift(s)) in the Turner jobsite office. Special orientation times will be approved at the discretion of the construction manager. c. All Trade Contractor "Principals" are required to attend a monthly safety jobsite walkthrough at the Construction Manager's discretion. d. In order to work on this project, a negative drug test is required prior to starting work. For "Drug project testing requirements", refer to Turner safety program. e. All lifts used on the project site must have powered steering front wheels.
2.	All deliveries requiring a crane (excluding the tower cranes) will require an approved lifting plan per Turner's safety plan and must be approved by Turner and UK. A UK lifting plan must also be submitted to the construction manager to gain approval from UK. <u>Allow six (6) weeks minimum prior to the crane arriving onsite to gain these approvals.</u>
3.	It is the responsibility of the Trade Contractors to contact the local utility locating service and have all utilities located prior to mobilizing heavy equipment used for lifting or hoisting. The Trade Contractors should also contact the Owner (UK), through the Construction Manager, and have all UK owned utilities located as well.
4.	All plastic used on site must be fire retardant.
5.	Smaller floor openings: the respective trade providing opening will cover with reinforced secured plywood. Mark "hole" and maintain as required. Small opening metal deck cutouts will be by respective trade requiring opening; respective trade contractors will comply with OSHA requirements during and after alterations. Floor covers shall be constructed in such a manner to avoid any random kicking off, and elevated high enough to control lifts, etc. from running over them. These covers should be anchored to the concrete floor and painted orange. Note ALL sleeves" are elevated 1-1/2" above rough slab.
C. BONDS AND INSURANCE	
1.	PAYMENT AND PERFORMANCE BONDS The base bid should NOT include Payment and Performance Bonds . Provide, for reference, the additional cost to provide them on the trade contractors Bid Breakout sheet.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

2.	<p>CONTRACTOR CONTROLLED INSURANCE PROGRAM (CCIP)</p> <p>a. The project will incorporate a <u>Contractor Controlled Insurance Program (CCIP)</u> as described in the CCIP Manual included in the Project Manual. The Lump Sum Base Bid amount should not include on-site worker's compensation costs, commercial general liability, or excess liability costs for this work, in accordance with the CCIP Manual. Trade Contractors are responsible for & must provide evidence of automobile insurance and offsite general liability & worker's compensation. Trade Contractors must submit required forms on the website to be enrolled in the CCIP.</p> <p>i. Trade contractors will not be able to start any work on site until they are enrolled in the CCIP program. This process will take a minimum of two (2) weeks. Any delays caused by late submission shall be borne by the trade contractor responsible. This includes the cost for overtime and extra crews to maintain the project schedule.</p> <p>ii. All sub tier contractors will be required to enroll in the CCIP program.</p>
3.	<p>Builder's Risk Insurance is provided by the Construction Manager per the terms of the General Conditions Article 35.5. Unless otherwise provided for through agreement, the Trade Contractor experiencing any loss claimed under the builder's risk policy shall be responsible for that loss up to the amount of the deductible. Trade Contractor(s) may provide their own coverage for amounts up to the deductible. Refer to the General Conditions, Article 35.5 for deductible limits.</p>
D.	SITE LOGISTICS
1.	<p>Storage of bulk amounts of materials and equipment is restricted due to limited space on the jobsite and within the limitations of the staging area. This project will be utilizing "Just-in-Time" delivery and "Kit-of-Parts" prefabrication. Trade Contractors must schedule and cycle no more material than can be installed in-place within a 5 day or less period. Moving of materials stored inside the staging areas will be necessary and the Trade Contractors shall promptly respond to any request from the Construction Manager to move material. Trade Contractors shall include required costs for off-site storage and any additional handling of materials involved with offsite storage.</p> <p>a. All building materials (studs, conduit, pipe, forms, etc.) shall be stored on a sortable material cart with wheels. All contractors shall employ a "nothing hits the ground" mentality.</p> <p>b. Drywall cart storage for drywall must be either A frame or a drywall cart with outriggers. Stacking of drywall is not allowed.</p>
2.	<p>Access to/from the existing surrounding buildings (see SK-001) by the staff, students, public, delivery trucks, etc. is to be maintained at all times. Fire department access must also be maintained to the surrounding buildings during construction. It shall be the responsibility of the Trade Contractors to ensure that all road entrances, exits, fire lanes, building entrances, loading docks, etc. are not blocked by the progress of its work, its deliverymen or contractors in their employ. This is inclusive of providing temporary access and protection including, but not limited to temporary walks, overhead protection, barricades, signage, etc. Temporary provisions are to be in accordance with UK standards. This access and protection shall be to the satisfaction of the Construction Manager.</p>
3.	<p>The University Dr./Veterans Dr, entrance/exit (Gate 2) will be used as the main construction entrance/exit (see SK-001). Secondary entrances (Gate 6 and Gate 7) are also available for use after coordination with the Construction Manager and Yard Boss.</p> <p>a. UK student move-in is in August 2026. Assume extreme traffic congestion on all roads surrounding the project site. Contractors to coordinate with Turner and UK for all onsite work during this timeframe. Assume no road closures or blockages will be allowed. Assume increased travel durations for manpower and material. (ADD #3)</p>
4.	<p>Trade Contractors are to provide all street permits, bonds, police details, flagman, off-duty police, street/lane closure permits, traffic control, and barricades as required to complete the work. This includes deliveries of material. Roadways and driveways may not be blocked without prior approval. Furnish copies of all permits to the Construction Manager.</p>
5.	<p>This project is around existing University buildings. Utilities or services, including pavement to the Owner's facilities (and surrounding facilities) must be protected and maintained 100% of the time when possible (as determined by the Owner, Consultant, or Construction Manager). All costs associated with the work required to maintain service shall be the responsibility of the Trade Contractor performing the associated work. The Trade Contractor(s) are responsible to immediately repair any utility damaged or disrupted during the course of its work whether the utility be known or unknown. If the utility is unknown, the Trade Contractor(s) making the repair will be compensated for the work. If the utility is known, the Trade Contractor(s) is responsible and liable for any and all costs of repairs. Failure to immediately repair damaged utilities per the requirements of the utility Owner will result in the work being performed by others at the Trade Contractor's expense. Repair work shall begin immediately and be continuous (24/7) until the service is restored. All costs associated with this work to repair known utilities are the responsibility of the Trade Contractor. If unknown utilities are discovered, they must be reported to the Construction Manager in writing who will in turn investigate with the assistance of the Engineer and Owner.</p>
6.	<p>USE OF PREMISES</p> <p>a. PARKING & TRANSPORTATION:</p> <p>i. Contractor parking is <u>NOT</u> permitted on the job site or on the University of Kentucky Campus.</p>

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<ul style="list-style-type: none"> ii. Turner cannot guarantee that UK will issue passes to any lots on the University campus. Parking is at the discretion of the bidding contractor. iii. No parking is permitted in the Whitney Hendrickson Parking Lot or in any UK Parking Structures. iv. Any and all parking permitting costs or parking violations shall be borne by the Trade Contractors. v. Contractors will be able to park in the trailer lot as shown on SK-001. Parking passes will be given out on an as needed basis. Contractor can assume 4 passes per prime contractor in this lot, one for their foreman and the other for their shuttle bus. <p>b. CAMPUS:</p> <ul style="list-style-type: none"> i. Trade Contractors are expressly forbidden to enter existing campus buildings (excluding Dimock) except for specific construction purposes. Restrooms, drinking fountains, vending machines, gift shop and food service areas are NOT for Trade Contractor use unless otherwise directed by the Construction Manager. ii. Trade Contractor communications with University Staff, Faculty and students is strictly forbidden. iii. "Catcalling" or otherwise harassing University Staff, Faculty, Students, or the general public is strictly forbidden. Noncompliance with this provision is grounds for immediate dismissal from the jobsite. Additionally, the tradesperson and Trade Contractor may be subject to legal action.
7.	All contractors shall review delivery access routes and include any temporary removal/relocation of existing items (AHU platform rails, stairs, etc.) to transport their materials and equipment.
8.	Temporary facilities (toilets) for this project will be located on or near the project site (See SK-001). Trade contractors are not permitted to use the active university building toilets.
9.	All contractors shall assume all breaks including lunch shall be taken at the Project Break Area (location shown on SK-001). Taking break and lunch at work areas on project site will not be permitted.
10.	Office and storage trailer(s) will not be permitted onsite due to site limitations. Trade Contractors will be allotted space for one (1) 40'x10' conex box or trailer in the Trailer Lot for storage and/or office space (see SK-001). Stacking of conex boxes is allowed, but must be approved by Turner. Each perspective TC will be responsible for ALL utilities required at conex box. Break area for workers will be located in the Dimock Building (see SK-001).
11.	<p>Two tower cranes will be provided for use by the contractors.</p> <ul style="list-style-type: none"> a. Tower Crane hours of operation will be from 7:00 AM and 5:00 PM. <ul style="list-style-type: none"> i. During Architectural Precast (TC-001) and Curtain Wall (TC-002) overlapping work, (1) one tower crane will be available from 7:00 AM – 8:30 PM. TC-002 (Curtain Wall Contractor) will have crane time from 7:00 AM to 12:00 PM. TC-001 (Architectural Precast) will have crane time from 12:30 PM to 8:30 PM. ii. If a contractor needs to use the crane outside of these hours, they will be responsible to pay for the operator costs. b. Priority for Tower Crane usage: <ul style="list-style-type: none"> i. Steel Erection/Precast Shafts ii. Architectural Precast iii. Curtain Wall/Metal Panels iv. All other trades
12.	Fuel storage on site is NOT allowed and fueling procedures must comply with applicable regulations, Project Safety Plan and receive the Construction Managers approval. No gasoline or diesel powered equipment will be operated inside enclosed building areas. There will be no fuel storage permitted inside the building.
13.	All foreman/site lead will be required to carry an Apple AirTag when crews are on site. This will allow Turner to know all crews have left the project safely at the end of the day, and the site has been vacated. These AirTags will be purchased by each trade and are to remain with the project at the end of their respective scope. Every subcontractor's crew leader will be required to have an AirTag while they are working on the project. These air tags shall be purchased through Apple with specific engraving requirements determined by Turner. The costs for these air tags are \$29.00 each with a lead time of 1 week.
E.	MEANS AND METHODS
1.	All Trade Contractors must provide all necessary fasteners, supports, and attachments for the installation of their own work. Trade Contractors must submit to the Construction Manager for approval by the A/E, the means and methods in which they plan on attaching hanger/supports to decks.
2.	Trade Contractors are responsible to survey and inspect all substrate work performed by others prior to starting its own work. Any and all discrepancies, out of tolerance work, or otherwise unacceptable work must be reported the Construction Manager in writing prior to the start of work. The start of work indicates acceptance of the substrate material.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

3.	Each Trade Contractors acknowledges that his Work must be coordinated with the work of other trades and further agrees to coordinate his shop drawings, details, and submittals with those of other trades to ensure proper installation of all materials in accordance with the Project Schedule.
4.	Each Trade Contractor shall protect his own Work and materials adjacent to his work until accepted by the Architect, Engineer, Construction Manager and the Owner. Trade Contractors shall be responsible for replacing, repairing, or the expense to repair, any damage caused by the performance of their Contract Work. In the event damages occur to existing work and is unidentifiable to a specific trade, all repairs and replacement costs will be distributed equally to all trades working in that area.
5.	Each Trade Contractors, upon notice, shall correct all deficiencies in a timely manner before proceeding with the next sequence of Work. Trade Contractors shall be financially liable for any delays to the Project or other contractors due to their deficiencies or the untimely correction of their deficiencies.
6.	Each Trade Contractor requiring temporary protection, temporary heating, and/or temporary cooling to complete its work in accordance with the Plans, Specifications and Project Schedule is required to provide the protection, heating, and/or cooling.
7.	Each Trade Contractor is required to provide its own temporary power (generators tentatively not applicable) and lighting if additional is needed beyond the temporary power onsite. All trades are responsible to provide their own power for welders. This includes and wiring, tie-ins, or devices to run their welders. They are not permitted to be run on the temporary power provided for the work of this bid package(s). At no time shall the noise generated by generators be overwhelming or disruptive to University operations. Generators shall be placed to minimize noise and exhaust impacts.
8.	While working on-site, Trade Contractors shall fill out Construction Manager's Daily Construction Report (DCR) form & labor utilization form. These forms are to be delivered to the jobsite (Turner Superintendent interacting with Trade Contractor) office by no later than 10:00 am the following business day. Failure to perform this duty shall result in delay of payment until all reports have been received. The daily report may be available via electronic format for completion of same.
9.	<p>CLEAN UP</p> <ul style="list-style-type: none"> a. Trade Contractors are responsible to perform clean up on a continuous basis. This cleaning shall at no time be less than once per day. Each and every work area must have all trash, debris & scrap removed and properly disposed of, all materials neatly stacked and the floor broom swept on a daily basis. Each Trade Contractor is required to maintain sufficient brooms, shovels, and sweeping compound on site to keep his work area clean. If daily cleanup and rubbish removal are not performed to the satisfaction of the Construction Manager or the Owner, cleanup and rubbish removal will be performed by others and all costs will be backcharged to the at fault Trade Contractor's contract. Cleanup operations shall not 'wait' until end of the week. Trade Contractors will include all costs for daily cleanup in the contract price. b. At no time shall the streets, building, or areas that surround the work be in a disorderly or dirty condition. c. All private and public paved roadways, parking areas, service roads, etc., are to be kept free of mud, debris, etc., resulting from equipment or vehicles performing the work under their respective Trade Contract, in compliance with local city Ordinances. All Trade Contractors are responsible to include in their contract price dust and mud control, traffic control and roadway cleaning. All Trade Contractors are responsible to clean streets of any debris or spillage of any material as a result of the performance of their work as directed by the Construction Manager. Scraping streets 'clean' with a backhoe or "skid steer" is not acceptable debris control. All street cleaning conducted must be swept clean in addition to scraping up of large debris. All paved areas are to be kept "broom clean" at all times. Failure to do so may result in serious fines imposed on each violating Trade Contractor. Any charges directed at the Construction Manager by others, due to the fact that this procedure is not being implemented, will be backcharged to the offending Trade Contractor. Dust control measures shall be provided by all trade contractors as necessary for their work. d. Burning of trash is NOT permitted. e. Dumpsters will be provided for general construction debris ONLY in accordance with scopes of work and these general requirements. Locations for construction debris will be coordinated with the Construction Manager. <u>All crating materials must be disassembled and/or flattened prior to placement in dumpsters.</u> All demolished items must be removed in dumpsters or trucks provided by the contractor removing the items. Any materials that require special care and/or disposal shall remain the contractor's obligation to dispose of. f. Trash receptacles will be furnished for trash & refuse throughout the building and site as outlined in the specific scopes of work and these general requirements. These receptacles are not for construction debris, packing materials, cartons, pallets, scrap, etc. g. It is the responsibility of the Trade Contractors to coordinate the clean-up effort, including removal of non-identifiable items such as lunch wrappers, cans, plastic bottles, etc. h. All Trade Contractors are required to perform a final cleaning of its work and the jobsite.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	i. It is each Trade Contractor's responsibility to place refuse and debris resulting from their direct operations in the refuse containers ("Mobile trash carts/cans") and emptied into the site dumpster by that contractor.
10.	INSPECTIONS <ol style="list-style-type: none"> The Trade Contractors shall coordinate, in a timely manner, all city, county, state, or other inspections as required for the completion of its Work in accordance with the Project Schedule. The Trade Contractors understand that multiple inspections (i.e. in-wall, above ceiling, etc.) may be required per area to maintain project schedule. The Trade Contractors shall schedule these inspections in a timely manner with no added cost to the Construction Manager or owner. The Trade Contractors shall cooperate with and include the costs of all labor and materials required to assist the Owner's testing/inspection agency with inspections and gathering of samples and assistance in access to the specific locations of tests/inspections, and demonstrations. Initial costs for testing laboratory shall be by others if so noted in documents. Costs for re-test due to noncompliance shall be borne by the offending Trade Contractor. A minimum of 24 hour notice must be given to the testing agency for testing required during normal working hours. If testing is required on weekends, 48 hour notice is required. Coordinate with the Owner's Testing/Inspection Agency as required by the specifications. The Trade Contractors will cooperate with and demonstrate system operation and safety compliance with the local building and fire inspectors as needed and required for building occupancy. All associated costs, inclusive of after-hours inspections, are the responsibility of the Trade Contractor installing the system. TC-030 Plumbing and TC-031 Mechanical contractor shall furnish and maintain three (3) new mobile, one cubic yard, covered trash carts each for outages and testing. This cart shall be painted blue and clearly labeled "OUTAGE CART" in white letters. This cart shall only be used for water type outages or draining for testing. No trash removal with this cart is allowed.
11.	All contractors are to understand that this is a LEED certified project. Contractors are to make themselves familiar with the requirements laid out in the specifications and follow those requirements.
12.	Contractors are to verify layout provided by others. Where this subcontractor is performing work using layout provided by others, this subcontractor shall perform sufficient verification of that layout to reasonably ascertain the validity of that layout. Any deficiencies (or suspected deficiencies found) shall be reported to Turner immediately to allow corrections as needed before start of work by this subcontractor. Contractor shall not use any permanent marking (Sharpie, spray paint, etc.) on the concrete slabs.
13.	Contractors shall NOT be permitted to mark concrete substrates with permanent markers and/or spray paint.
F.	SCHEDULE
1.	This project will utilize a LEAN scheduling approach to fully-develop this project's scheduling details (See Attachment I). All contractors will be required to participate in reverse-phase, pull-planning scheduling sessions to develop and schedule the construction work. PMs, superintendents, and foreman will be required to participate in these sessions. Participants are expected to come prepared with work scopes broken down into components knowing their scope details, manpower requirements, and expected durations.
2.	This project will utilize the Last Planner System which provide the planning, management, and control tools necessary to efficiently manage the project schedule. In addition to the pull-planning and make ready planning, all contractors will be required to submit a Weekly Work Plan (WWP) weekly to be reviewed by the CM against the schedule as well as participate in daily 15-minute Production Planning Huddles.
G.	DOCUMENT CONTROL
1.	All Trade Contractors will comply with all requirements of the Contract Documents as to Contract Close-Out , including, but not limited to, Operation and Maintenance data, system training, and project record documents. O&M Manuals , training schedules and preliminary as-built drawings are due to the CM prior to 70% trade contractor complete progress billing. The Trade Contractor will be required to submit a form that certifies that all systems, equipment, firestopping comments and incorporated products furnished by the Trade Contractor are complete and operational for the purpose for which the system or product were intended. Each Trade Contractor is responsible to video all start up and training. This video must be of "professional quality" (no cell phone videos) and submitted to the Construction Manager in proper format as part of the Contract Closeout Documents.
2.	All Trade Contractors shall maintain, at the site of the Work, as-built drawings , which will be updated on a weekly basis showing actual installation and all changes in the Work. These drawings will be legibly identified as "Record Documents", with changes noted in a legible, concise and explanatory manner in <u>red ink</u> . The Record Documents are subject to review by the Construction Manager on a weekly basis. Any contractor not keeping a current record of the changes made to its Work on the Record Documents will be subject to having Progress Payments withheld until all changes are brought current to the satisfaction of the Construction Manager. Final As-Built Record Documents must be submitted to the Construction Manager in electronic format. As-built drawings and photos shall be reviewed by the Construction Manager prior to covering the work.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

3.	Each Trade Contractor shall submit a submittal schedule to The Construction Manager within 10 days of Contract award. Submittal submission must begin within 15 days of Contract award or sooner if required to maintain the Project Schedule. Schedule shall include material lead times. Please note that all submittals/samples must be sent to Turner Construction's jobsite office for review. Include the costs for any postage required. Submittals will be in accordance with the Special Conditions Article 8.
4.	PROJECT MANAGEMENT SOFTWARE (eComm) <ol style="list-style-type: none"> All Trade Contractors will be required to have an Internet connection, a working email address (checked daily) and utilize eComm, the University of Kentucky's web based project management system. All Trade Contractors will be required to utilize eComm as required by the University and the Construction Manager. This shall include, but not be limited to: RFI's, daily communication, submittal tracking, etc. Communication forwarded via eComm will be binding as if sent via traditional methods. ALL Trade Contractors will be required to submit initial and ALL "later" approved submittals and shop drawings as a scanned electronic file for eComm. Exceptions will be at the Construction Manager's and Owner's discretion. The file format will be at the discretion of the Owner and the Construction Manager. If a Trade Contractor fails to comply with this provision, they will be responsible for all costs incurred by the Construction Manager to have said drawings and submittals scanned. Refer to Special Conditions for additional detail. Reference General Conditions for number of "copies".
5.	<p>Contractor change order requests shall be provided with sufficient detail (as acceptable to Turner) to allow for satisfactory review within 7 days of receiving the scope. Contractor shall be allowed a maximum mark up for overhead and profit per the markup provisions included in the Subcontract Agreement, or as clarified in Contract Documents.</p> <ol style="list-style-type: none"> All Change Order Requests, Time & Material Tags, and Pricing Submissions will be in electronic format and shall be submitted to Turner using the <u>Clearstory</u> project management system. Clearstory is no cost to Subcontractors and will help the project team collaborate on change orders, pricing requests, and T&M tags.
6.	<p>All Applications for Payment and all supporting documents (including but not limited to lien waivers, sworn statements, and the like) for Subcontractor and its sub-subcontractors and suppliers, shall be in electronic format and shall be submitted to Contractor using the <u>Textura-CPM™</u> payment management system. Subcontractor shall be responsible for the fees and costs owed associated with Subcontractor's use of the Textura-CPM™ payment management system. Subcontractor shall include a similar provision in its sub-subcontracts and purchase orders. Fees to Subcontractors are calculated as 0.22% (22 basis points) of contract value, with a minimum fee of \$50 and a maximum fee of \$5,000. Fees to Subcontractors' sub-subcontractors and suppliers are a fixed fee of \$100 per sub-subcontractor or supplier contract.</p> <ol style="list-style-type: none"> Retainage Conditions shall be in accordance with the "Fairness in Construction Act" of 2007. Namely, Retainage for all Subcontractors shall be 10% until both the Project and the Subcontractor achieves 50% completion. At that point, retainage for all Subcontractors in good standing shall be reduced to 5% of Total Contract Value. Turner Accelerated Payment Program - The attached KENTUCKY Rider - Accelerated Payment Program amends and supplements your Agreement with Turner and provides you the opportunity to enroll in the Program through Textura CPM and receive accelerated payments from Turner on your invoices. Formal enrollment into the Program can then be accomplished via the Textura CPM system. Additional information and Program benefits are included in the attached Turner Accelerated Payment Program summary. You may be contacted by a representative from Turner or Textura who can provide additional information on the Program and answer questions you may have or you may call Textura at 1-866-TEXTURA (839-8872) with any questions.
H. SITE SPECIFIC	
1.	TC-034 Interior General Trades is to provide & maintain, one-hundred and twenty (120 ea) 20# fire extinguishers with free standing stands placed throughout the site in accordance with Turner Construction and OSHA standards for the duration of their contract. Provide initial certification upon delivery and re-certification as needed.
2.	TC-034 Interior General Trades will furnish (repair or replace when necessary) twenty (20) (minimum 55 gallon Rubbermaid drum) trash cans and maintain forty (40) trash cans provided by others. These will be for miscellaneous trash (not construction materials) from the commencement of the project. Trash cans to remain at the project after completion of this contract or when no longer required as dictated by the CM.
3.	TC-034 Interior General Trades contractor will furnish (repair or replace when necessary) Twenty (20) new, mobile, one cubic yard, covered trash carts and maintain thirty (30) trash carts provided by others. Carts to be Global Industrial™ Extra Heavy Duty Plastic Tilt Truck, 1 Cu. Yd. Cap, 2100 Lbs. Cap, Gray model WB242096 or equal as approved by the CM. Trash carts should be equipped with a lid or some form of covering. Trash carts to remain at the project after completion of this contract or when no longer required as dictated by the CM.
4.	TC-034 Interior General Trades shall provide two (2) 30-yd dumpsters at all times and all required quantity of "pulls" for general construction debris for the duration of their contract. Note: these dumpsters are intended to be used for general construction debris ONLY, not debris associated with excavation activities. Dumpsters for excavation activities will be provided and maintained by others.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<p>a. All Contractors to follow specification section 01 7419.01 (COMPLETE). Please note the requirements to sort debris for the purpose of recycling. In addition to the (2) general debris dumpsters, TC-034 Interior General Trades shall provide (2) dumpsters for the purposes of recycling per the site LEED requirements. Include all required pulls for 65 weeks.</p> <p>b. TC-034 Interior General Trades shall provide custom dumpster covers similar to ALCO Roll Off Container Covers for all dumpsters provided. Contractor shall include covering dumpsters whenever they are not in use and uncovering when they need to be used.</p> <p>c. Location of dumpsters to be coordinated with CM. Dumpsters to be emptied on a consistent and regular basis to support the construction operations. Contractor shall include relocating the dumpsters as needed to facilitate construction activities.</p> <p>d. If any contractor will be generating any concrete, asphalt, or CMU waste, that contractor is responsible for providing a dedicated recycling dumpster for that material. Each contractor shall provide receipts, weight tickets, and manifests indicating receipt and acceptance of recyclable waste by recycling and processing facilities.</p>
5.	<p>TC-034 Interior General Trades to provide an all-terrain telehandler (Lull/JLG) for use by all trades for the duration of their contract. The Lull will be used for material deliveries, trash removal, site fence maintenance, and other miscellaneous site activities as needed. In the event of Lull downtime there will be no compensation resulting from equipment failure. Lull basis of design is a 10,000lb rated machine.</p> <p>a. TC-034 Interior General Trades to maintain a (1) self-dumping 4-cu. yd. hopper to be used for trash provided by others. Hopper to remain at project site at conclusion of this contract. Contractor to include all maintenance needed so there is no downtime.</p> <p>b. TC-034 Interior General Trades is responsible for maintenance and all fuel for the Lull for the duration of their scope of work.</p>
6.	<p>TC-034 Interior General Trades shall provide a full time Yard Boss/Operator [(5) 10-hour work days/week = 50 hrs./wk. 40 straight time hours and 10 over time hours] for the 68 weeks. This person will be responsible for tasks including but not limited to the following: opening and closing the site gates daily, scheduling and coordinating deliveries, operating the Lull for deliveries and trash removal, operating street sweeper, etc. This person shall have a minimum of 10 years of construction experience and possess all applicable equipment certifications (all-terrain lift, scissor lift, boom lift, street sweeper, etc).</p>
7.	<p>TC-034 Interior General Trades to maintain Temporary Construction work as noted below and as shown on the project drawings & Site Logistics plans:</p> <p>a. TC-034 Interior General Trades to maintain, rework, remove, and relocate at the direction of the Construction Manager 8' chain link construction fence provided by others (per UK standards) for the perimeter of all construction areas, trailer areas, and laydown areas as shown on Site Logistics Plans. Include costs to maintain all fencing, gates, locking material 24/7 for duration of this contract. Fence to be a combination of jersey barriers and driven posts. Maintain safety signage at 20' o.c. max intervals on fence as directed by Construction Manager. Provide a 24/7 on-call representative for immediate response to emergency corrections/maintenance as needed. The site fencing will remain after the completion of this contract, removed by others at a later date, and turned over to the owner. TC-032 Electrical Interiors contractor to provide maintenance on temp fence lighting installed by TC-009 for the duration of their contract.</p> <p>i. Maintain all automatic rolling gate closer devices with keypad access.</p> <p>ii. Include necessary hours and equipment to modify/move fence panels/jersey barriers as needed.</p> <p>iii. For water-filled jersey barriers, include filling with water and maintaining water levels required for safety. Treat water for winter usage when necessary. Include replacement of damaged barriers as needed.</p> <p>iv. Maintain fence screening for entire perimeter of fence.</p> <p>v. This contractor shall maintain deck system installed around trailer and restroom complex in the laydown area.</p> <p>b. TC-034 Interior General Trades to maintain and remove when directed a sidewalk canopy scaffold system for overhead protection of the sidewalk adjacent to fence along University Drive from Huguelet Drive to the Behavioral Science Building. Maintain a clear height of 8' throughout. Scaffold shall be properly secured to prevent uplift and overturn.</p> <p>i. Maintain and replace lights/bulbs in the canopy system as needed. Lights to never be down for more than an 8 hour period.</p> <p>c. TC-034 Interior General Trades to inspect fence and overhead protection daily and repair deficiencies as needed. Maintain log of inspections. Submit log to Construction Manager once per week.</p> <p>d. TC-034 Interior General Trades is responsible for opening and securing the site at the end of the day. This includes all gates.</p>

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<p>e. TC-034 Interior General Trades is responsible for maintenance of concrete walk and stairs in front of the Dimock building (see SK-001)</p> <p>f. TC-034 Interior General Trades shall maintain and remove when no longer needed plywood protection over the windows on the east side of Dimock installed by others.</p>
8.	TC-034 Interior General Trades is responsible for all grass cutting and weed eating inside the site limits and the Trailer and Laydown Yards as well as both sides of the fence line twice per month for the duration of their contract.
9.	<p>TC-019 Site General Trades shall provide a full-time on-site street sweeper (skid steer with forks, bucket, and broom attachment). Provide street cleaning as necessary, with a minimum of twice daily for the duration of this contract. Provide power sweeping and scrubbing of all paved areas, sidewalks, etc. soiled as a result of the work inside and outside of project site limits to the satisfaction of the Construction Manager. This Trade Contractor must clean all adjacent streets and maintain as if there were no construction site in the area. Huguelet Drive, University Drive, Veterans Drive any other impacted streets must be swept daily for the duration of this contract. Street must be immediately swept and cleaned if there is excessive tracking as determined by the Construction Manager. Any and all costs associated with street cleaning, inclusive of permits and fines will be the responsibility of this Trade Contract. In the event of sweeper downtime there will be no compensation resulting from equipment failure.</p> <p>a. TC-034 Interior General Trades shall provide a skid steer with bucket and broom attachment for street sweeping through Q2 2025.</p>
10.	<p>TC-034 Interior General Trades contractor to provide twice per week cleaning services for the CM offices located inside the Dimock Building (Approximately 2,000 SF) as well as the Office and Restroom Trailer Complex located to the east of University Flats (Approximately 4,000 SF) for 68 weeks. This shall be completed by a contractor that specializes in cleaning and is approved by the CM. Cleaning shall include, but is not limited to sweeping and mopping floors, taking out trash, restocking paper supplies in the restrooms, cleaning plumbing fixtures, furnish paper supplies for restrooms, replacing trash can liners, wiping down surfaces, etc. This cleaning shall be completed outside of working hours.</p> <p>a. Provide and maintain boot scrubbers at entrances to CM offices at both the Dimock Building and Office Trailer.</p> <p>b. Provide cleaning as needed along travel path from the entrance of the Dimock Building to the CM Office (at minimum twice/day).</p>
11.	<p>TC-034 Interior General Trades contractor will maintain and demobilize when no longer needed as directed by the CM the Project Break Area for 65 weeks. Assume Project Break Area is 2000 sqft. This includes, but is not limited to:</p> <p>a. This contractor to include professional cleaning (mopping floors, wiping down tables, wiping of chairs, cleaning of microwaves, cleaning of refrigerators, trash removal, replacing of can liners, cleaning of walk off mats, etc.) minimum 3 times weekly by a competent cleaning company to be approved by the CM. This shall be complete after working hours</p> <p>b. This contractor shall include a deep clean/scrubbing of the Project Break Area once per month for the 65 week duration. Assume this is done on weekends outside of work hours.</p> <p>c. 80 tables and 320 folding chairs, including set up and tear down</p> <p>d. 4 refrigerators</p> <p>e. 10 microwaves</p> <p>f. Ice maker</p> <p>g. Include two relocations of this area</p>
12.	<p>TC-013 Site Plumbing has provided temporary exterior water and should coordinate the final location(s) on the site with CM. TC-030 Interior Plumbing shall maintain and remove temporary exterior water when no longer required as dictated by the CM.</p> <p>a. TC-013 Site Plumbing has provided two (2) spigots that are protected from equipment and freeze-protected.</p> <p>b. TC-013 Site Plumbing has provided two (2) heated temporary hand washing stations similar to PolyJohn PSW3-2000. Electrical connection by others. Coordinate with CM on final locations.</p> <p>i. TC-032 Electrical Interiors Contractor to disconnect electrical when no longer required as dictated by the CM.</p> <p>c. TC-030 Interior Plumbing is to provide temporary interior water and should coordinate final location(s) on the site with the CM. This contractor shall assume that the temporary feed will be from either the temporary fire service or the domestic water main and may switch from one to the other.</p> <p>i. Assume one water spigot and slop sink with faucet per floor. Assume temporary tie in to the sanitary system and removal when directed by the CM.</p> <p>ii. Assume all maintenance including all unclogging as needed.</p> <p>d. TC-030 Interior Plumbing is to provide an exterior water spigot at the Trailer complex near the bathroom trailer. Assume tying into existing trailer water lines. Final location to be coordinated with CM.</p>
13.	TC-015 Foundations Contractor has included (3) stationary scaffold stair towers from basement level to top of foundation wall along with (3) scaffold walkways with scaffold guard rail protection that span from the stationary scaffold stair tower to over lagging wall for use by all trades. This trade contractor is to relocate these stair towers and walkways as needed for their work or as directed by the CM. This contractor is to inspect all stair towers and walkways prior to beginning of work each day. These will be removed at the end of their contract.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

14.	<p>Temporary facilities (toilets) for this project will be located on or near the project site. Trade contractors are <u>NOT</u> permitted to use the active university building toilets.</p> <ul style="list-style-type: none"> a. TC-019 Site General Trades contractor is to provide and leave at project site at the conclusion of this contract Restroom Pods as approved by the CM. TC-034 shall include providing and leave at project site at the conclusion of this contract ten (10) Restroom Pods as approved by the CM. Assume these to be VannGo Portable High Rise restrooms. <ul style="list-style-type: none"> i. Assume pods are self-contained with flush tank and non-potable tank. Pods will require transport from building decks to service trucks at ground level. Provide means of hoisting pods with use of project tower cranes. ii. TC-019 Site General Trades to provide (3) "Port-O-Lets" for 39 weeks to be used in the event of restroom trailer failure. These are to be locked at all times and only used when failure occurs. These are to be located next to the portable restroom trailer. iii. TC-034 Interior General Trades to provide a fan, mirror, toilet seat cover dispenser, paper towel dispenser, and soap dispenser for each pod. iv. TC-034 Interior General Trades to provide a painted plywood enclosure around each bank of restroom pods. v. Assume the following grouping and placement of restroom pods: <ul style="list-style-type: none"> 1. Level 3 – (3) 2. Level 5 – (3) 3. Level 7 – (3) 4. Level 9 – (1) b. TC-034 Interior General Trades contractor will maintain the Restroom Trailer and Restroom Pods provided by the previous contractors and the Temporary Restrooms (detailed in items H.20 and H.21 below). The Restroom Trailer and Restroom Pods are to remain at the end of the project. TC-034 Interior General Trades is to include the relocation of each of the Restroom Trailer and Restroom Pods to a location to be coordinated with the CM within a 10 mile radius of the project. Maintenance shall include: <ul style="list-style-type: none"> i. Professional cleaning (minimum 3 times weekly by a competent cleaning company to be approved by the CM) after working hours. ii. Restocking of soap and paper products. iii. Pumping and unclogging of obstructions. iv. Removal of trash and relining of cans v. Maintaining holding tanks. vi. Relocating as needed per Construction Manager's direction. vii. Completing and logging restroom inspections 3 times daily and submitting to the CM. viii. Restroom pods to be serviced a minimum of twice weekly. This includes transportation of pod out of building via buckhoist. c. TC-032 Electrical Contractor to provide temporary electric for restroom pods including but not limited to: <ul style="list-style-type: none"> i. Power for hot water, fans, and wall heaters ii. Restroom pod lighting
15.	<p>TC-034 Interior General Trades Contractor will be responsible for all dewatering and/or snow removal required for the duration of their contract. This would apply to areas outside of the project site that are to be used for "staging", material stocking, and other deliveries. This would also apply to the offsite parking, any stair towers, trailer yards, laydown yards, project walkways, etc.</p> <ul style="list-style-type: none"> a. This contractor shall provide a six (6) 55 gallon "wet/dry shop vac" on wheels and a 20 gallon, walk behind, battery powered, floor scrubber/vacuum. These are to be used in the event of water on or general cleaning of the slabs. b. Provide and maintain six (6) mobile, one cubic yard, covered, trash carts for water spills only. These to be stored with the wet/dry shop vacs c. Paint all items white with blue lettering denoting "SPILL KIT" d. Provide signage for spill kit area and location. Signage will be maintained and moved throughout the entirety of this project. e. Provide and maintain two brooms, two squeegees, two 25lb bags of Floor-Dry, and two 10 foot sand snakes at each spill kit f. Provide and maintain a 100' heavy duty construction grade extension cord with a separate GFCI pig tail at each spill kit
16.	<p>TC-034 General Trades to provide Vertical Transportation for the project.</p> <ul style="list-style-type: none"> a. TC-019 Site General Trades has provided a double barrel Buck Hoist with two operators for 45 weeks. TC-034 Interior General Trades shall take over the rental of this hoist at the completion of TC-019 Site General Trades' contract. Assume rental and operators for each hoist for a duration of 25 weeks. Contractor to contact Ben Stroube (513.353.1181/ben.stroube@amscaf.com) with American Scaffold for rental and buck hoist information. Assume that the operators will be working 5 (10) hour days a week. Operators are to be trained in

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<p>the use of this hoist. At no time shall this contractor allow these hoist to not be operational due to failure to produce an operator.</p> <ol style="list-style-type: none"> i. Contact American Scaffold for dimensions and capacity ratings. Inside height of buckhoist shall be no less than 8 foot. ii. TC-019 Site General Trades shall design and install buck hoist foundation. TC-034 Site General Trades shall remove when no longer needed. iii. TC-019 Site General Trades shall include one jump of the buck hoist for vertical erection. iv. The buck hoist installation shall precede the installation of concrete on each floor. TC-019 Site General Trades shall include all work necessary to allow each car to stop and be used at each floor prior to concrete being placed. v. TC-019 Site General Trades shall include all material and labor needed for each car to stop at every floor. Contractor shall include rework of existing cable rail and installation of fall protection from the buck hoist stop to the guard rail installed. This includes installing custom plywood "wings" from edge of buck hoist at each floor stop. vi. TC-019 Site General Trades shall include a weatherproof vestibule at each floor to enclose both buck hoist stops. Assume that each shall be a plywood structure with a set of 4'x8' double doors with self closing hinges. Assume each structure to go from floor to deck, is 20' wide, and 10' deep. Contractor to install a call station at each floor for each car. TC-034 Interior General Trades shall include the maintenance and removal of these vestibules when no longer required at the direction of the CM. vii. TC-034 Interior General Trades shall include all maintenance as need on this buck hoist system including 24/7 response if failure occurs during their rental period. Assume that maintenance shall be coordinated with onsite work and will be performed outside of working hours. This contractor understands that time is of the essence in the repair of the hoist if failure occurs and shall do all in its power to complete the repairs quickly. This includes, but is not limited to: paying of expediting of materials, working off hours, working weekends (including Sundays), managing and supervising the repair work, etc. viii. TC-034 Interior General Trades shall include complete removal of buck hoist system. This contractor shall provide own crane as needed for this removal. ix. TC-019 Site General Trades has provided a Receiving Dock to be built around the buck hoist (See SK-001). This dock has been built to a height able to receive truck deliveries without a lift gate and made out of pressure treated wood. Assume dock to be 1,600 sqft. TC-034 Interior General Trades shall include all maintenance and removal of this dock when no longer required at the direction of the CM for the duration of their rental period. <ol style="list-style-type: none"> 1. This dock includes a fall protection railing around the entire perimeter. TC-019 Site General Trades to include eight (8) 6' wide removable openings for receiving deliveries and dumping trash. 2. TC-034 Interior General Trades to include all safety requirements for the maintenance and removal of the buck hoist near this dock. 3. TC-019 Site General Trades to Include 2 sets of stairs from the dock to the ground. 4. TC-034 Interior General Trades to include complete removal and reinstallation of the Receiving Dock to assist in the north tower crane demobilization. Coordinate this timing with the CM. TC-034 to understand that time is of the essence in the reinstallation of the Receiving Dock. Provide all premium time as needed. x. TC-019 Site General Trades to make final power connections for buck hoist. TC-032 Electrical Interiors Contractor is responsible for the demo of these connections back to their source. Coordinate the removal with TC-034 Interior General Trades. b. TC-019 Site General Trades shall provide three Scaffold Stair towers at locations to be coordinated with CM. Contractor shall assume rental of each stair for 20 weeks. <ol style="list-style-type: none"> i. Contractor to assume these stairs are to be installed from the Basement through the top of each respective area of the building. ii. Contractor to assume that these will follow the installation of the metal deck installation for that area. Stair shall be elevated to the deck within two weeks of the decking being placed on each respective floor and area. iii. Contractor to assume that each stair tower will need to be removed floor by floor in coordination with the permanent stair installations to never lose stair access to a floor. c. TC-034 Interior General Trades shall provide One Exterior Scaffold Stair tower at location to be coordinated with CM. Contractor shall include installation, rental, and removal of stair for 15 weeks. <ol style="list-style-type: none"> i. Contractor to assume this stair to be installed from Grade through Ninth floor. d. TC-019 Site General Trades shall provide a Transport Platform from 1st floor to basement to be placed in the south "Garden Area" of the building (see SK-001) for the duration of their contract. Contractor to provide BetaMax Max Climber 4000 or equal. <ol style="list-style-type: none"> i. Contractor shall include all work needed to provide a fully functioning transport platform. This includes, but is not limited to, foundations, safety equipment, electrical connections, design, fees, permits, inspections, etc.
--	---

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<ul style="list-style-type: none"> ii. This contractor shall include all maintenance as need on this buck hoist system including 24/7 response if failure occurs. Assume that maintenance shall be coordinated with onsite work and will be performed outside of working hours. e. TC-019 Site General Trades shall provide two Loading Platforms to be installed and moved as need to assist in construction. Contractor shall provide Preston Deck SuperDeck 3.2 or similar with approval by the CM. Contractor shall assume rental for 30 weeks f. TC-019 Site General Trades shall provide Temporary Infill for Permanent Pan Stairs. <ul style="list-style-type: none"> i. Contractor to assume that infill will be 2"x10" pressure treated wood cut to the full width of the stair. No foam will be allowed. Contractor shall install the wood so that no slippage occurs during use. ii. Contractor to assume that each stair will need to be infilled floor by floor in coordination with the permanent stair installations to never lose stair access to a floor. iii. Contractor shall coordinate the removal of temporary infill with the permanent stair infill installation by the SOMD contractor.
17.	<p>All contractors and their sub tiers are to provide 2% of their total labor force hours to a consolidated clean up crew. Participation in this effort does not relieve the contractor of their daily clean up duties.</p> <ul style="list-style-type: none"> a. TC-034 Interior General Trades shall provide a Clean Up Crew Foreman for [(5) 10-hour work days/week = 50 hrs./wk. 40 straight time hours and 10 over time hours] for 60 weeks. This person shall have no other responsibilities than managing this crew. This person shall be efficient in the scheduling and managing of manpower. b. Every contractor will be given notice of the day they are required to supply manpower to this crew. On that contractor's scheduled day, they will supply a worker to the clean up crew foreman by 7:30a with a broom and shovel. This worker shall take break and lunch for the day with this crew. Inability to supply a worker for the day and/or a broom or shovel shall result in a worker or material being provided for you and back charged to the offending contractor. c. All BP-07 contractors are not required to provide 2% of their total labor force hours to a consolidated clean up crew. (ADD #4)
18.	<p>TC-027 Electrical Riser Contractor shall provide temporary power for the building as outlined below. TC-027 Electrical Riser Contractor shall assume the maintenance of this system until the end of overhead rough in on each respective floor (see Attachment G). TC-032 Electrical Interiors Contractor shall assume maintenance of this system after overhead rough in is complete on each respective floor. TC-032 Electrical Interiors Contractor shall include the removal of this system when no longer required as dictated by the CM. The temporary electrical work shall conform to most recent National Electrical Code, OSHA; Federal, State and Local Codes, etc. having jurisdiction over this work.</p> <ul style="list-style-type: none"> a. TC-009 Site Electrical contractor has provided 2 ea. 1000 Amp/480 V Exterior Distribution Panelboards from Existing 12 kV Service Connections provided by others with conduit stopping within 5 feet of the building. TC-027 Electrical Riser Contractor shall provide all work required to run power into the building for temporary electric service including, but not limited to breakers, feeders, conduit, grounding, sleeves as required for a complete and operational system. See SK-003 for general locations of 400 Amp/480V panels. <ul style="list-style-type: none"> i. TC-027 Electrical Riser Contractor shall coordinate shutdown for installation on off hours as to not impact construction utilities. ii. TC-032 Electrical Interiors Contractor shall include the removal of exterior temporary power systems installed by TC-009 Site Electrical Contractor b. TC-027 Electrical Riser Contractor shall provide three (3) ea. 400 Amp/480V Panelboards fed from Existing Distribution Boards and used to feed to 25kVA/480/230/120 Skids. Place Panel boards in locations coordinated with CM. See SK-003 for general locations of 400 Amp Panel boards. c. TC-027 Electrical Riser Contractor shall provide a minimum of twenty four (24) 25 kVA Mobile Power Skids for the building. Assume 2 skids per floor including the roof with additional skids to be installed at the direction of the CM. Skids to be fabricated offsite. Contractor to submit design of skid to CM for approval prior to fabrication. TC-032 Electrical Interiors Contractor shall include relocation of these skids as needed and/or directed by the CM for the progress of the project. Each skid to include: <ul style="list-style-type: none"> i. 200 Amp 230/120 Panel ii. 25 kVA 480/230/120 Transformer iii. Skid on wheels with Grounding Buss iv. Feed Cables from Main 400A Panelboard to each Skid v. Sleeves in Decks near Electrical Rooms for riser cables in addition to the permanent power sleeves vi. Sleeves in Walls as needed for the routing of the wire. This includes sleeves in walls built after the installation of the temporary electric. vii. Connection Ground to Building Steel at each skid viii. 1 ea. 480V Twist Lock receptacle for welders ix. 10 ea. 120V/ 20Amp GFCI receptacles x. LED Lighting Circuits for adjacent area temp lights with disconnects.

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<p>d. TC-027 Electrical Riser Contractor shall provide all hooks and support wire to string wire throughout the project initially. TC-032 Electrical Interiors Contractor shall provide any additional hooks needed for any modifications made to the system. All power to have non-current carrying guards. All hooks should be non-current carrying similar to Carnie Locking Quickhooks. Assume one hook every ten (10) feet.</p> <p>e. All temporary power wire will initially be installed at a height that permits rolling scaffold/scissor lift to move easily and without obstruction around the site. Enough slack shall be left in the installing method to drop below ceiling height in each area as the project commences.</p> <p>f. Grounding shall comply with applicable codes relating to permanent and construction work. This shall include ground fault protection, using ground circuit interrupters.</p> <p>g. TC-027 Electrical Riser Contractor to provide temporary power design to be reviewed and approved by the EEOR prior to fabrication. TC-032 Electrical Interiors Contractor shall update this plan throughout their maintenance of this system.</p> <p>h. TC-032 Electrical Interiors Contractor shall provide all maintenance needed for the temporary power system including what has been installed previously. This contractor shall coordinate maintenance on off hours as to not impact construction activities.</p> <p>i. TC-032 Electrical Interiors Contractor shall provide all material and labor needed to install S hooks for general cord usage. Assume S hooks to be Carnie Locking Quickhooks. Provide 500 hooks. Include removal of these and 500 Carnie Locking Quickhooks install by TC-019. These hooks to be turned over to the CM after they are removed.</p>
19.	<p>TC-027 Electrical Riser Contractor shall provide temporary lighting for the building as outlined below. This contractor shall assume the maintenance of this system until the end of overhead rough in on each respective floor (see Attachment G for duration). TC-032 Electrical Interiors Contractor shall assume maintenance of this system after overhead rough in is complete on each respective floor. TC-032 Electrical Interiors Contractor shall include the removal of this system when no longer required as dictated by the CM. The temporary electrical work shall conform to most recent National Electrical Code, OSHA; Federal, State and Local Codes, etc. having jurisdiction over this work.</p> <p>a. TC-027 Electrical Riser Contractor shall provide general LED light strings for a minimum of 10-foot candle coverage for temporary lighting for all floors, stairwells, and temporary stair towers. Stair lights and lights in other critical egress areas are to be installed on circuits separate from the General Lighting circuits and will be energized at all times. Provide circuit breaker locks for those breakers. Ten percent of the temporary lights shall remain on 24 hours a day for security purposes, 24 hour illumination is also required at stairs and egress areas on each floor, and all other lighting shall be shut down by means of timers after work for the day is complete.</p> <p>i. TC-032 Electrical Interiors Contractor shall include modifying the temporary lighting to accommodate the construction progress. Any dark areas created to due construction progress shall be illuminated immediately. Each room shall have one unobstructed light.</p> <p>b. All temporary light fixtures will initially be installed at a height that permits rolling scaffold/scissor lift to move easily and without obstruction around the site. Enough slack shall be left in the installing method to drop below ceiling height in each area as the project commences.</p> <p>c. All lighting to have non-current carrying guards. Each light strand shall be hung from non-current carrying hooks similar to Carnie Locking Quickhooks. Assume one hook every 10 linear feet of light strand. TC-032 Electrical Interiors Contractor shall provide new hooks for the modified lighting strands as needed, as well as, relocating the existing hooks for the rework and maintenance of the system.</p> <p>d. Should lighting circuits have to be relocated during construction this shall be done at no addition cost to the Owner or Turner. Lights will be added as areas are developed with no interruption to schedule be it electrical or others.</p> <p>e. TC-032 Electrical Interiors Contractor shall include maintenance of all Temporary Lighting on a daily basis, permitting not more than 10% of the lighting in a given area to be non-operating at any one time. It should be noted that maintenance of "construction lighting" should be for the duration of this contract and done on off hours as to not impact construction activities.</p> <p>f. TC-032 Electrical Interiors Contractor shall be required to move temporary wiring from time to time as directed by the Construction Manager. If temporary wiring interferes with other construction work this Trade Contractor shall remove and relocate as necessary.</p> <p>g. TC-032 Electrical Interiors Contractor shall provide all maintenance needed for the temporary lighting system including what has been installed previously. This contractor shall coordinate maintenance on off hours as to not impact construction activities.</p> <p>h. TC-032 Electrical Contractor shall provide Temporary Electrical Services for Elevators.</p> <p>i. Provide Temp Power to 10 Elevator Pits for False Cars. Furnish, install, and remove as directed temp power to 10 locations at elevator lobbies near each elevator pit a 30A/230V/1ph Fused Disconnect with a Twist Lock Receptacle.</p> <p>ii. Provide Temp Lighting at each Elevator Pit, each Elevator Machine Room and at the top of each Elevator Hoistway. Furnish, install and remove as directed work lighting at each location as directed by CM.</p> <p>iii. Provide Temp Power to Elevator Platforms for car installations. Furnish, install and remove as directed temp power to 7 each temporary services at elevator machine rooms (or Elevator Lobby) as designated on SK-</p>

PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<p>003.3 and directed by CM and Elevator Contractor. Provide 40A/480/3ph service and Fused Disconnect at each of the 7 locations noted; Room 1017, Room 916, and Room 765, or adjacent elevator lobby.</p> <ul style="list-style-type: none"> iv. Provide 3 each 110V receptacle at each elevator pit lobby. Furnish, install and remove as directed receptacles in a location adjacent to the elevator pits; Room 019, Room 000, and Room 000D v. Contractor to review project schedule for timing of installations and removal of temporary works. Coordinate all installations with CM and Elevator Contractor. All Cables and/or Conduits to be mounted and routed to maintain working pathways for personnel and lifts. Coordinate locations with planned top of wall drywall installations and early trade above ceiling installations.
20.	<p>Contractors shall provide two (2) temporary restrooms on the Basement area as outlined below. Contractors are to assume that these restrooms are to be built out of sequence with the rest of the work in the area.</p> <ul style="list-style-type: none"> a. TC-026 Plumbing Riser Contractor shall provide (13) toilets, (4) urinals, (8) restroom sinks, (2) hand washing stations, (2) electric water heaters, (4) electric exhaust fans. b. TC-026 Plumbing Riser Contractor shall provide all new sanitary, vent, and domestic water piping to these fixtures including any rework needed for these systems to function. c. TC-026 Plumbing Riser Contractor to include any permitting and fees needed to use these restrooms in a temporary basis. d. TC-026 Plumbing Riser Contractor shall maintain these restrooms for the duration of their contract. This includes, but is not limited to scoping sanitary lines, cleaning lines of clogs, maintaining equipment as specified, etc. e. TC-027 Electrical Riser Contractor to run power to all temp exhaust fans and temp water heaters within temp restrooms. f. TC-027 Electrical Riser Contractor to include provide (6) 2'x4' LED Lights for temporary restroom with a switch for each restroom. g. TC-029 Drywall and Ceilings Contractor shall include all layout and framing for the temporary restrooms. <ul style="list-style-type: none"> i. Assume these to be rooms 014A, B, C, and D in Area B. The intent is to install these in the place of the permanent restrooms. ii. Assume the installation of temporary drywall and 8' tall plastic laminate wall covering on the interior of each respective restroom. h. TC-034 Interior General Trades to include: <ul style="list-style-type: none"> i. Temporary counters and storage. ii. One (1) Temporary Mirror in each respective restroom iii. Temporary HM frames, HM doors, and typical hardware for each doorway shown. iv. Temporary plywood stall enclosures including latching doors with full plastic laminate covering. v. Temporary restroom accessories. <ul style="list-style-type: none"> 1. (1) Toilet paper holder per stall 2. (3) Paper towel dispensers 3. (3) Soap dispensers i. TC-032 Electrical Interiors Contractor shall include installing security cameras near each of these entrances. Include running power off the temporary power system. j. All BP-05 Contractors to include demolition, removal, and rework as necessary (associated with their individual scope of work) for the permanent restroom installation. <ul style="list-style-type: none"> i. This includes the removal of the drywall and replacement of tile backer board
21.	<p>Contractors shall provide two (2) temporary restrooms on each the 2nd, 4th, 6th, and 8th floors as outlined below. Contractors are to assume that these restrooms are to be built out of sequence with the rest of the work in the area.</p> <ul style="list-style-type: none"> a. TC-030 Plumbing Interiors Contractor shall provide (5) toilets, (3) urinals, (4) restroom sinks, (2) hand washing stations, (2) electric water heaters, (2) electric exhaust fans. b. TC-030 Plumbing Interiors Contractor to provide labor and material to gain approval for use of permanent SW&V and DW stacks for temporary toilets. c. TC-030 Plumbing Interiors Contractor shall provide all new sanitary, vent, and domestic water piping to these fixtures including any rework needed for these systems to function. d. TC-030 Plumbing Interiors Contractor to include any permitting and fees needed to use these restrooms in a temporary basis. e. TC-030 Plumbing Interiors Contractor shall maintain these restrooms for the duration of their contract. This includes, but is not limited to scoping sanitary lines, cleaning lines of clogs, maintaining equipment as specified, etc. f. TC-032 Electrical Interiors Contractor to run power to all temporary exhaust fans and temporary water heaters within all temporary restrooms. g. TC-032 Electrical Interiors Contractor to provide (6) 2'x4' LED Lights for each temporary restroom with a switch for each individual restroom. h. TC-029 Drywall and Ceilings Contractor shall include all layout and framing for the temporary restrooms <ul style="list-style-type: none"> i. Assume these to be rooms 14A, B, C, and D in Area B on each respective floor. The intent is to install these in the place of the permanent restrooms.

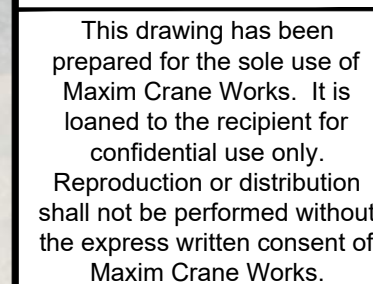
PROJECT GENERAL REQUIREMENTS

UK PROJECT 2564.0

	<ul style="list-style-type: none"> ii. Assume the installation of temporary drywall and 8' tall plastic laminate wall covering on the interior of each respective restroom. i. TC-034 Interior General Trades to include: <ul style="list-style-type: none"> i. Temporary counters and storage ii. One (1) Temporary Mirror in each respective restroom iii. Temporary HM frames, HM doors, and typical hardware for each doorway shown. iv. Temporary plywood stall enclosures including latching doors with full plastic laminate covering. v. Temporary restroom accessories. <ul style="list-style-type: none"> 1. (1) Toilet paper holder per stall 2. (3) Paper towel dispensers 3. (3) Soap dispensers j. TC-032 Electrical Interiors Contractor shall include installing security cameras near each of these entrances. Include running power off the temporary power system. k. All BP-05 Contractors to include demolition, removal, and rework as necessary (associated with their individual scope of work) for the permanent restroom installation. <ul style="list-style-type: none"> i. This includes the removal of the drywall and replacement of tile backer board
22.	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove each when directed by the CM Entry/Exit Vestibules. Contractor is to assume these to be at Basement 000D, 1st floor 100F, 1st floor 100D1, and 1st Floor 100B.</p> <ul style="list-style-type: none"> a. Assume that each vestibule shall be a plywood structure with a set of 4'x8' double doors both exterior and interior with self closing hinges. b. Assume each structure to go from floor to deck and is in place of the walls shown in these vestibules. c. This contractor shall include temporary doors at openings ST-B1-A and ST-B1-B.
23.	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove each when directed by the CM fifty (50) 24" barrel fans and extension cords. Contractor to assume these will be placed throughout the building and periodically need to be relocated at discretion of CM.</p>
24.	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove Temporary Shoring System for the existing communications duct bank to remain, as shown on logistics plan SK-001.1. This contractor shall maintain rental of shoring system for 3 months. Contractor to contact Ben Stroube (513.353.1181/ben.stroube@amscaf.com) with American Scaffold for rental information</p> <p>Assume shoring system to be 115' long x 4' wide x 11'6" high with w8x10 beams 3' on center to support 3,000lbs per linear feet. Shoring to be composed of Waco high load shoring frames and adjustable screw jacks.</p> <ul style="list-style-type: none"> a. Contractor to provide 3rd party stamped drawings for shoring b. Contractor to provide suitable base for shoring bearing to support all intended loads c. Contractor to provide all inspections for shoring
25.	<p>TC-034 Interior General Trades shall provide (3) walking platforms "cat walk" from Earth retention wall to North tower crane metal enclosure wall, from exterior of building to interior on north side, and from exterior of building to interior on south side. Platforms shall include the following criteria.</p> <ul style="list-style-type: none"> a. Platforms need to free span approximately 12'. b. Walk platforms shall have a top st, mid rail, and toe board in compliance with Turner Safety policy. c. Provide ladder access, at end of walk plank, approx. 6' in height to access tower crane platform. Job-built ladder is not acceptable. d. Provide 16' tall plywood enclosure and lockable door at walk plank to access tower crane. e. After backfill by others between lagging wall and tower crane wall, remove and re-work walk plank to span 4' from grade to the tower crane. Ladder 6' in height to remain. f. Include complete removal of each system. Timing to coordinate with CM.
26.	<p>TC-034 Interior General Trades shall provide (6) job-built stairs. Assume maximum change in elevation to be 4'. Locations to be coordinated with CM.</p>



FOR APPROVAL



UK HEB
LEXINGTON, KY
OVERALL SITE PLAN

TURNER CONSTRUCTION

plot size: ANSI D (22.00 x 34.00 Inches)

plot scale: 1:1

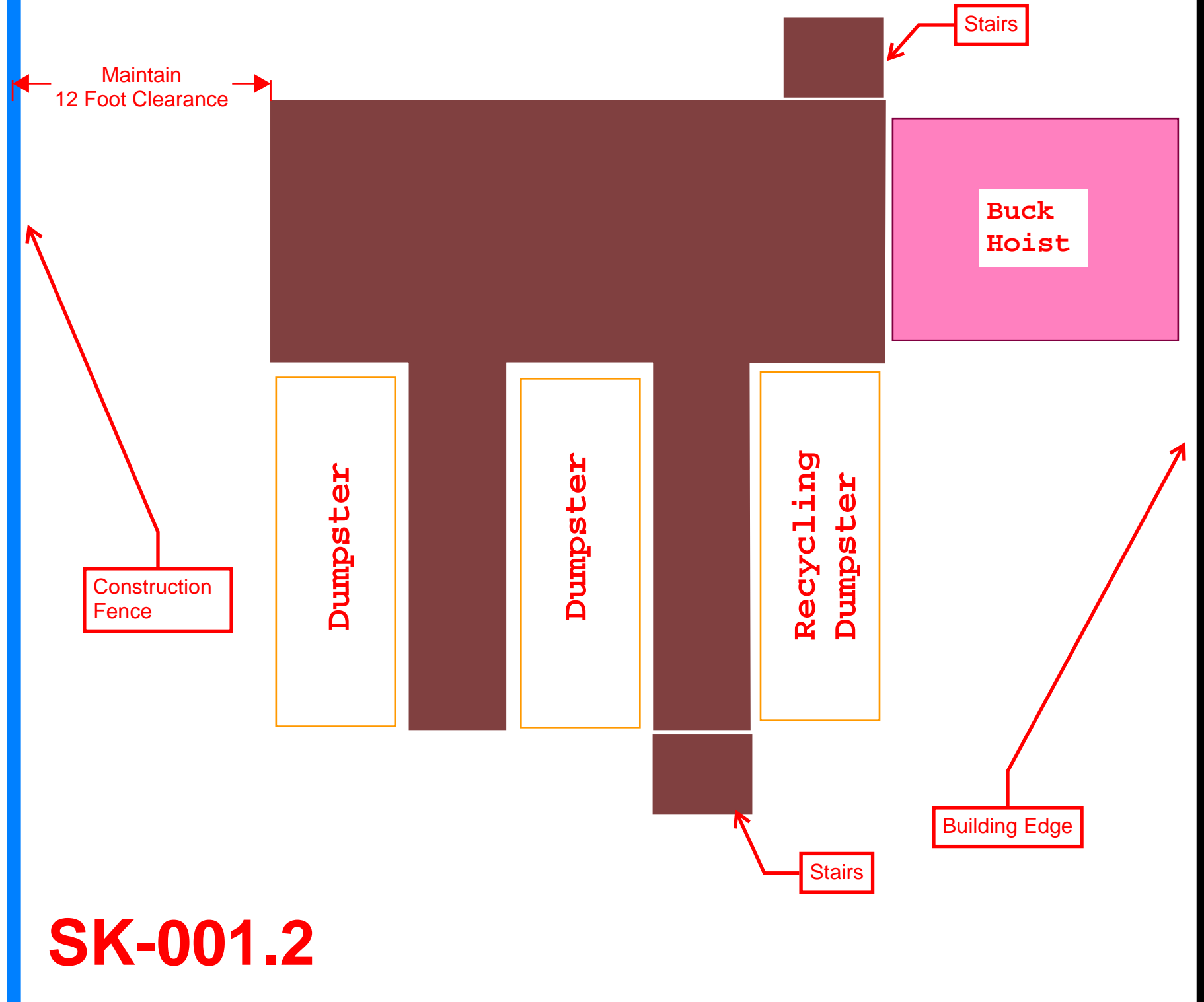
plot date: 5/3/24

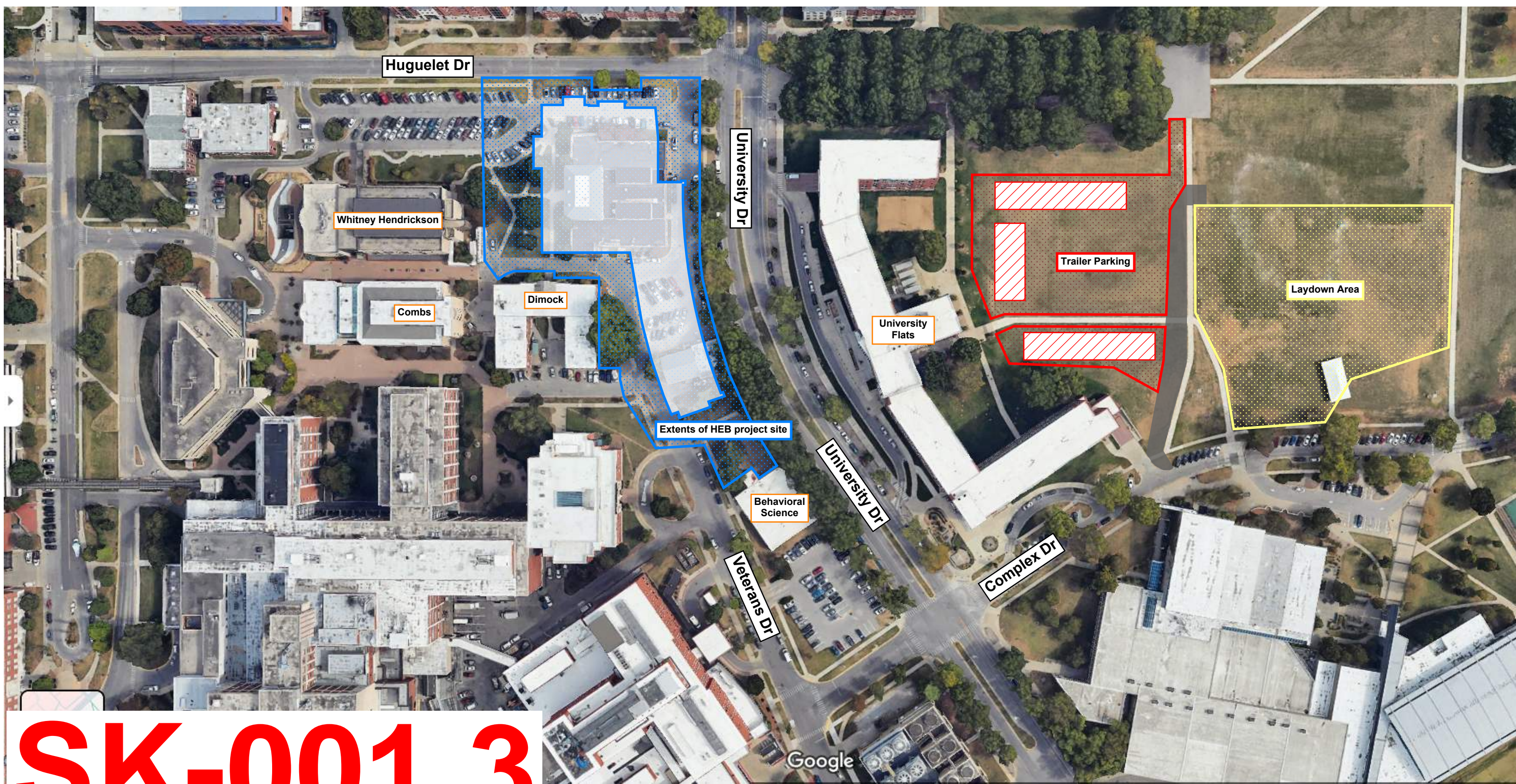
filename: X-4.1 OVERALL SITE PLAN.DWG

[illegible]

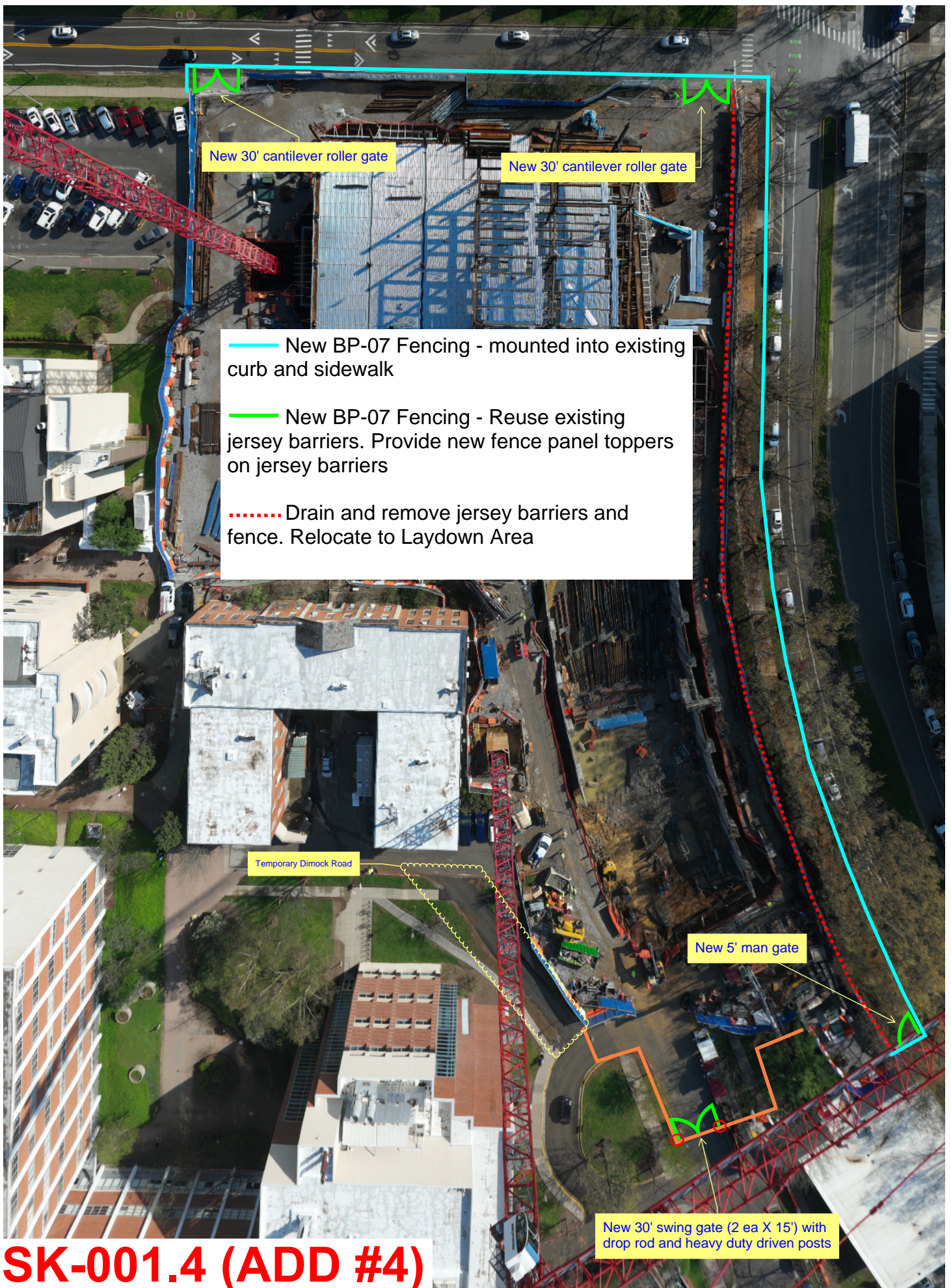
Job #: 24-0006
 Drw by: KWH
 Chk by: RWN
 Sheet: X-4.1

X-4.1





SK-001.3



New 30' cantilever roller gate

New 30' cantilever roller gate

— New BP-07 Fencing - mounted into existing curb and sidewalk

- - - New BP-07 Fencing - Reuse existing jersey barriers. Provide new fence panel toppers on jersey barriers

..... Drain and remove jersey barriers and fence. Relocate to Laydown Area

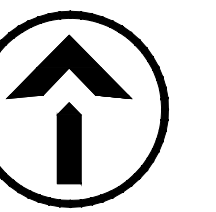
Temporary Dimock Road

New 5' man gate

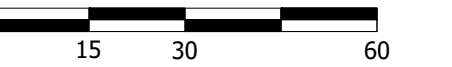
New 30' swing gate (2 ea X 15') with drop rod and heavy duty driven posts

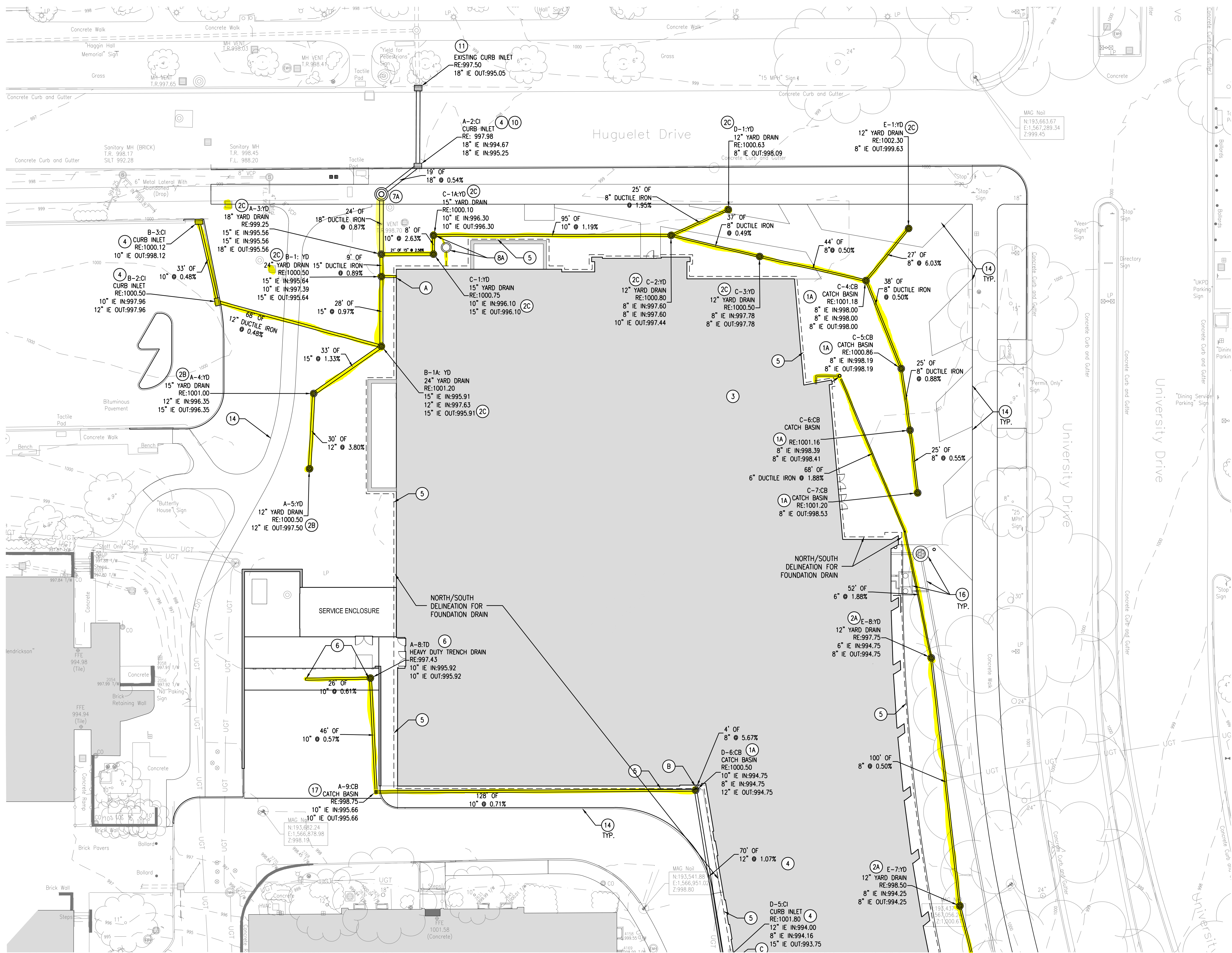
SK-001.4 (ADD #4)

SK-006 (ADD #4)



30'





Site Drainage Plan

HIGHLIGHTED AREAS INDICATE STORM STRUCTURES AND PIPING TO BE INSTALLED AS PART OF BP-07.

UNLIGHTED STRUCTURES AND PIPING ARE INSTALLED BY OTHERS IN AN EARLIER PACKAGE.

- Work by TC-044
- Work by TC-046

SK-003.1(ADD#4)

GENERAL SITE DRAINAGE NOTES

- ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE. SPOT ELEVATIONS ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED.
- PRIOR TO CONSTRUCTION OR DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE. FINISHED REPAIRS OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
- ALL EXCESS EXCAVATED MATERIAL, OTHER THAN TOPSOIL, IS TO BE REMOVED FROM THE SITE AT CONTRACTOR'S COST.
- UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO REMAIN.
- SHOULD CONTRACTOR ENCOUNTER ROCK EXCAVATION, THE ROCK SHALL BE REMOVED TO A MINIMUM DEPTH OF SIX INCHES BELOW BOTTOM OF UTILITIES UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS INCLUDING THE GEOTECHNICAL REPORT.
- ELEVATIONS AND CONTOURS ON THIS PLAN ARE REFERENCED TO MEAN SEA LEVEL DATUM AND BENCHMARKS REFERENCED ON THE PLAN.
- IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO VERIFY IF ROCK EXCAVATION FOR MASS GRADING OR TRENCHING IS REQUIRED. ALL EXCAVATION IS UNCLASSIFIED. THERE WILL BE NO PAYMENT FOR ROCK EXCAVATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXCAVATION QUANTITIES.
- IT IS THE DESIGN INTENT FOR ALL WATER TO BE DIRECTED AWAY FROM THE PROPOSED AND EXISTING BUILDINGS.
- REFER TO THE SITE SURVEY FOR EXISTING SPOT ELEVATIONS.
- EXISTING STORM SEWER RIMS AND INVERTS ARE TAKEN FROM THE SITE SURVEY AND SHOULD BE CROSS-REFERENCED WITH THE SITE SURVEY. REFER TO SITE SURVEY FOR ALL EXISTING ON-SITE STORM SEWER INFORMATION.
- CONTRACTOR IS RESPONSIBLE FOR DESIGN OF SHORING AND UNDERPINNING OF UTILITIES OR STRUCTURES AT LOCATIONS INDICATED. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF KENTUCKY AS REQUIRED BY THE OCCUPATIONAL SAFETY HEALTH ADMINISTRATION. THE NEED FOR, MEANS AND METHODS FOR SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTE THAT TEMPORARY CONSTRUCTION ACTIVITY MAY DE-STABILIZE SUBGRADES FOR BUILDING OR PAVED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS COST FOR THE TEMPORARY USE OF AREAS FOR CONSTRUCTION ACTIVITY AND SHALL ALSO BE RESPONSIBLE FOR RE-STABILIZING AREAS SHOULD TEMPORARY CONSTRUCTION ACTIVITY CONTRIBUTE TO THE NEED TO STABILIZE BUILDING OR PAVEMENT AREAS.
- ELEVATIONS OF ALL RIMS, STRUCTURE COVERS, ACCESS DOORS AND TOPS OF ALL UTILITY VAULTS, MANHOLES, VENTS, VALVE BOXES, ETC. SHALL BE ADJUSTED TO MEET PROPOSED SURROUNDING GRADES.
- BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL BE FAMILIAR WITH THE REPORT OF GEOTECHNICAL EXPLORATION AND COMPLY WITH RECOMMENDATION PROVIDED FOR SUBGRADE CONDITIONS.
- TOPSOIL (BY OTHERS) SHALL BE SIX (6) INCHES DEEP IN ALL TURF AREAS AND TWELVE (12) INCHES DEEP IN ALL LANDSCAPE BED AREAS AFTER PLACEMENT AND REASONABLE SETTLEMENT.
- CONTRACTOR SHALL NOT CREATE ANY SITE GRADING THAT WILL PREVENT THE NORMAL DRAINAGE OF WATER OF DAM WATER. SHOULD OFFSITE TOPOGRAPHY OR CONTOURS SHOWN ON GRADING PLAN NOT DEPICT ACCURATE CONDITIONS THAT CREATE DRAINAGE PROBLEMS, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE OWNER, LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER, PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERCUT OF UNUSABLE, UNSTABLE OR OTHERWISE UNACCEPTABLE MATERIALS THAT ARE INDICATED ON THIS PLAN, ASSOCIATED SPECIFICATIONS AND/OR REFERENCED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PAY FOR ALL UNDERCUT EXCAVATION AND DISPOSITION OF MATERIALS IN AN ACCEPTABLE MANNER THAT SHALL INCLUDE HAULING OFFSITE.
- CONTRACTOR SHALL ENSURE ALL PROPOSED IMPROVEMENTS MEET AND MATCH EXISTING AND/OR ADJACENT CONDITIONS. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER UPON ANY DISCREPANCY WHICH WILL DETER ADHERENCE TO THIS CONDITION.
- ALL STORM SEWER INFRASTRUCTURE NEEDS TO BE FLUSHED FREE OF SEDIMENT AND INSPECTED BY ENGINEER AT COMPLETION OF PROJECT.
- SPOT ELEVATIONS LABELED WITH "EX" ARE EXISTING SPOTS THAT HAVE BEEN INTERPOLATED FROM THE SITE SURVEY AND NEED TO BE VERIFIED IN THE FIELD. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR TO FIELD VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING STORM STRUCTURES PRIOR TO BEGINNING CONSTRUCTION TO INSURE ADEQUATE DEPTH.
- IF ANY EXISTING ASBESTOS COATED SEWER LINE IS UNEARTHED, IT WILL REQUIRE ABATEMENT IN ACCORDANCE WITH CURRENT EPA GUIDELINES.
- PROVIDE A MINIMUM OF 12" CRUSHED STONE BACKFILL OVER STORM PIPING. STORM PIPING UNDER PAVED SURFACES TO BE BACKFILLED FULL DEPTH WITH CRUSHED STONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL Dewatering OF EXCAVATION AREAS FOR FOUNDATIONS AND/OR BASEMENTS AND SHALL NOT ALLOW PONDING OF WATER THAT WILL DESTABILIZE THE SOIL BEARING FOR FOUNDATIONS, SLABS, STRUCTURES, ETC.
- CONTRACTOR SHALL UTILIZED DIGITAL FILES TO ESTABLISH COORDINATES FOR LOCATING DRAINAGE STRUCTURES. DIGITAL FILES CAN BE OBTAINED FROM CARMAN. SHOULD THE CONTRACTOR NEED A LISTING OF STRUCTURE COORDINATES, THESE MAY BE REQUESTED FROM THE OFFICE OF CARMAN.
- THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC SHOP DRAWINGS, SAMPLES, ETC FOR ANY MANUFACTURED OR PRE-CAST EQUIPMENT OR STRUCTURES ASSOCIATED WITH STORM DRAINAGE OR STORMWATER MANAGEMENT IMPROVEMENTS.
- ASIDE FROM DESIGNATED SUMP MANHOLES, ANY SUMP REMAINING IN STORM STRUCTURES (PVC OR CONCRETE) BELOW THE INVERT ELEVATION OF THE OUTLET PIPE SHALL BE FIELDED WITH CONCRETE TO ELIMINATE ANY STANDING WATER WITHIN THE STRUCTURES.
- ALL GRAVITY STORM PIPING SHALL BE SDR35 PVC UNLESS OTHERWISE NOTED AS DUCTILE IRON ON THE PLAN AND AS SPECIFIED.

SITE DRAINAGE CODED NOTES

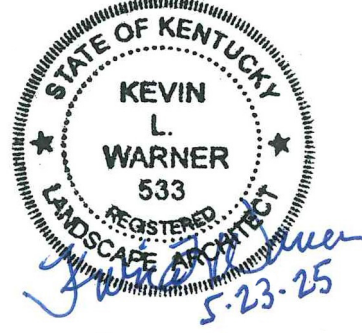
KEY	DESCRIPTION	DETAILS
1A	12" CATCH BASIN WITH 12" CIRCULAR GRATED LID, FLUSH WITH ADJACENT SURFACE. GRATED LID TO CONFORM TO UK STANDARD HEEL PROOF REQUIREMENTS	A / C602
1B	CATCH BASIN WITH 12" CIRCULAR SOLID LID, FLUSH WITH ADJACENT SURFACE	A / C602
2A	12" YARD DRAIN WITH BEEHIVE GRATE	B / C602
2B	YARD DRAIN BASIN WITH OPEN GRATE FLUSH WITH ADJACENT SURFACE - SIZE VARIES	B / C602
2C	YARD DRAIN BASIN WITH OPEN BEEHIVE GRATE IN LANDSCAPED AREA - SIZE VARIES	B / C602
3	CLEANOUT	C / C602
4	2'x3' CURB BOX INLET	D / C602
5	FOUNDATION DRAIN LINE - 6" PERFORATED HOPE PIPE IN FILTER SOCK. REFER TO STRUCTURAL AND MEP PLANS FOR ADDITIONAL INFORMATION	-
6	HEAVY DUTY TRENCH DRAIN	G / C602
7A	WOU #1: 6" DIAMETER WATER QUALITY UNIT	H / C602
7B	WOU #2: 6" DIAMETER WATER QUALITY UNIT	I / C602
8A	FOUNDATION DRAIN MANHOLE #1: 4" DIAMETER SUMPED MANHOLE FOR FOUNDATION DRAIN CONNECTIONS AND AREAWAY SUMP DISCHARGE. NEW MANHOLE TO HAVE WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE A-3. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 1000.00 - FOUNDATION DRAIN INV. ELEVATION: 981.50 - AREAWAY SUMP INV. 977.90 - SUMP ELEVATION: 973.90	E / C602
8B	FOUNDATION DRAIN MANHOLE #2: 4" DIAMETER SUMPED MANHOLE FOR FOUNDATION DRAIN CONNECTIONS WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE E-6YD. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 1001.00 - INVERT ELEVATION: 984.00 - SUMP ELEVATION: 980.00	E / C602
9	SET NEW 4" DIAMETER MANHOLE D-2 ON EXISTING 12" PIPE AND E-2 MH ON EXISTING 24" PIPE. SEAL CONNECTION TO PREVENT LEAKS. FIELD VERIFY INVERT ELEVATIONS.	E / C602
10	SET NEW 2'x3' CURB BOX INLET ON EXISTING 18" LINE. SEAL CONNECTION TO PREVENT LEAKS.	D / C602
11	EXISTING CURB BOX INLET	-
12	PERMEABLE PAVEMENT MANHOLE #3: 4" DIAMETER SUMPED MANHOLE FOR PERMEABLE PAVEMENT DRAINAGE SYSTEM WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE D-2MH. CONNECT 4" CONDENSATE DRAIN LINE FROM BUILDING TO MANHOLE AT INVERT ELEVATION 981.33. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 985.50 - INVERT ELEVATION: 981.33 - SUMP ELEVATION: 977.33	E / C602
13	PERMEABLE PAVEMENT DRAINAGE SYSTEM. 4" PERFORATED PIPE IN SOCK CONNECTED TO MANHOLE	-
14	FUTURE SITE WORK FOR REFERENCE ONLY	-
15	WALLS PER STRUCTURAL PLANS	-
16	SANITARY SEWER SYSTEM FOR REFERENCE ONLY - SEE SHEET C500-C502 FOR MORE INFORMATION REGARDING SANITARY SEWER	-

FOUNDATION PENETRATIONS FOR INTERNAL BUILDING DRAINAGE

KEY	DESCRIPTION
A	10" PIPE INVERT OUT OF BUILDING AT CO-1: 997.50
B	10" PIPE INVERT OUT OF BUILDING AT CO-2: 995.00
C	8" PIPE INVERT OUT OF BUILDING AT D-5C: 994.25
D	8" PIPE INVERT OUT OF BUILDING AT D-4C: 989.50



3225 Summit Square Place, Suite 200
Lexington, Kentucky 40509
859.252.6781



RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

BP-07

MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING
UNIVERSITY OF KENTUCKY - BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL

PROJECT 202170
DATE 05.09.25

REVISIONS

No.	Description	Date

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSMIT, REPRODUCE, REUSE, RESELL, OR OTHERWISE DISSEMINATE THESE DRAWINGS TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

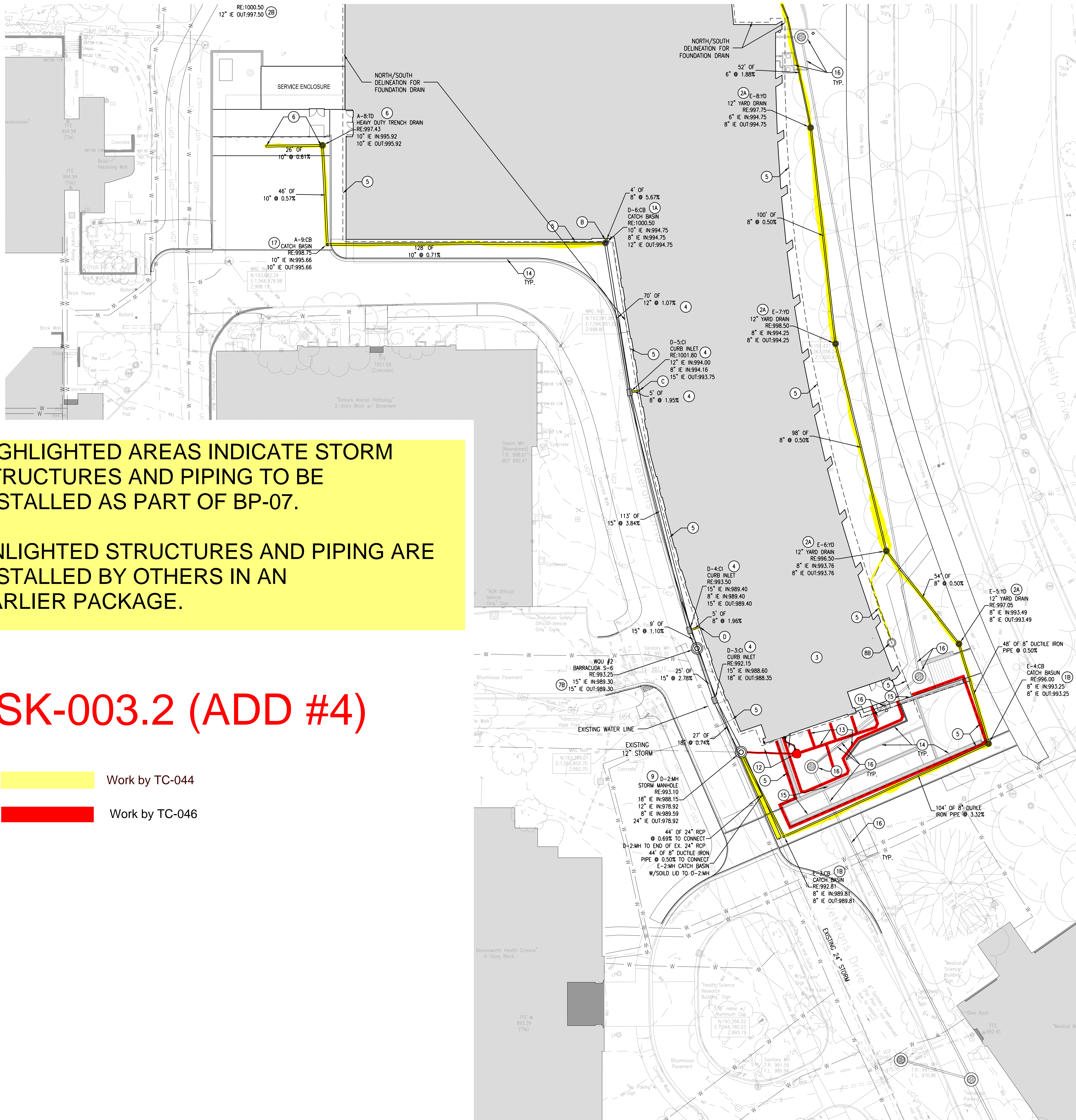
SITE DRAINAGE
PLAN NORTH

C600

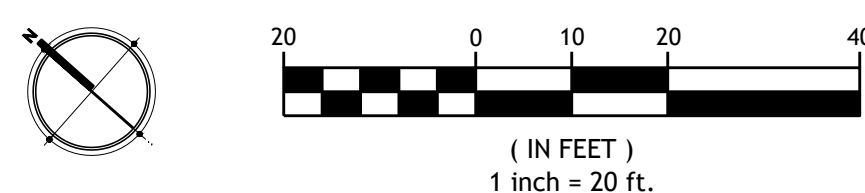
COPYRIGHT 2024 - JRA, INC.



BEFORE YOU DIG CALL KENTUCKY UNDERGROUND (811) TWO (2) WORKING DAYS IN ADVANCE OF DIGGING



Site Plan



HIGHLIGHTED AREAS INDICATE STORM STRUCTURES AND PIPING TO BE INSTALLED AS PART OF BP-07.

UNLIGHTED STRUCTURES AND PIPING ARE INSTALLED BY OTHERS IN AN EARLIER PACKAGE.

SK-003.2 (ADD #4)

- Work by TC-044
- Work by TC-046

GENERAL SITE DRAINAGE NOTES

- ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE. SPOT ELEVATIONS ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED.
- PRIOR TO CONSTRUCTION OR DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE. FINISHED REPAIRS OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
- ALL EXCESS EXCAVATED MATERIAL, OTHER THAN TOPSOIL, IS TO BE REMOVED FROM THE SITE AT CONTRACTOR'S COST.
- UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO REMAIN.
- SHOULD CONTRACTOR ENCOUNTER ROCK EXCAVATION, THE ROCK SHALL BE REMOVED TO A MINIMUM DEPTH OF SIX INCHES BELOW BOTTOM OF UTILITIES UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS INCLUDING THE GEOTECHNICAL REPORT.
- ELEVATIONS AND CONTOURS ON THIS PLAN ARE REFERENCED TO MEAN SEA LEVEL DATUM AND BENCHMARKS REFERENCED ON THE PLAN.
- IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO VERIFY IF ROCK EXCAVATION FOR MASS GRADING OR TRENCHING IS REQUIRED. ALL EXCAVATION IS UNCLASSIFIED. THERE WILL BE NO PAYMENT FOR ROCK EXCAVATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXCAVATION QUANTITIES.
- IT IS THE DESIGN INTENT FOR ALL WATER TO BE DIRECTED AWAY FROM THE PROPOSED AND EXISTING BUILDINGS.
- REFER TO THE SITE SURVEY FOR EXISTING SPOT ELEVATIONS.
- EXISTING STORM SEWER RIMS AND INVERTS ARE TAKEN FROM THE SITE SURVEY AND SHOULD BE CROSS-REFERENCED WITH THE SITE SURVEY. REFER TO SITE SURVEY FOR ALL EXISTING ON-SITE STORM SEWER INFORMATION.
- CONTRACTOR IS RESPONSIBLE FOR DESIGN OF SHORING AND UNDERPINNING OF UTILITIES OR STRUCTURES AT LOCATIONS INDICATED. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF KENTUCKY AS REQUIRED BY THE OCCUPATIONAL SAFETY HEALTH ADMINISTRATION. THE NEED FOR, MEANS AND METHODS FOR SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTE THAT TEMPORARY CONSTRUCTION ACTIVITY MAY DE-STABILIZE SUBGRADES FOR BUILDING OR PAVED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS COST FOR THE TEMPORARY USE OF AREAS FOR CONSTRUCTION ACTIVITY AND SHALL ALSO BE RESPONSIBLE FOR RE-STABILIZING AREAS SHOULD TEMPORARY CONSTRUCTION ACTIVITY CONTRIBUTE TO THE NEED TO STABILIZE BUILDING OR PAVEMENT AREAS.
- ELEVATIONS OF ALL RIMS, STRUCTURE COVERS, ACCESS DOORS AND TOPS OF ALL UTILITY VAULTS, MANHOLES, VENTS, VALVE BOXES, ETC. SHALL BE ADJUSTED TO MEET PROPOSED SURROUNDING GRADES.
- BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL BE FAMILIAR WITH THE REPORT OF GEOTECHNICAL EXPLORATION AND COMPLY WITH RECOMMENDATION PROVIDED FOR SUBGRADE CONDITIONS.
- TOPSOIL (BY OTHERS) SHALL BE SIX (6) INCHES DEEP IN ALL TURF AREAS AND TWELVE (12) INCHES DEEP IN ALL LANDSCAPE BED AREAS AFTER PLACEMENT AND REASONABLE SETTLEMENT.
- CONTRACTOR SHALL NOT CREATE ANY SITE GRADING THAT WILL PREVENT THE NORMAL DRAINAGE OF WATER OF DAM WATER. SHOULD OFFSITE TOPOGRAPHY OR CONTOURS SHOWN ON GRADING PLAN NOT DEPICT ACCURATE CONDITIONS THAT CREATE DRAINAGE PROBLEMS, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE OWNER, LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER, PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERCUT OF UNUSABLE, UNSTABLE OR OTHERWISE UNACCEPTABLE MATERIALS THAT ARE INDICATED ON THIS PLAN, ASSOCIATED SPECIFICATIONS AND/OR REFERENCED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PAY FOR ALL UNDERCUT EXCAVATION AND DISPOSITION OF MATERIALS IN AN ACCEPTABLE MANNER THAT SHALL INCLUDE HAULING OFFSITE.
- CONTRACTOR SHALL ENSURE ALL PROPOSED IMPROVEMENTS MEET AND MATCH EXISTING AND/OR ADJACENT CONDITIONS. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER UPON ANY DISCREPANCY WHICH WILL DETER ADHERENCE TO THIS CONDITION.
- ALL STORM SEWER INFRASTRUCTURE NEEDS TO BE FLUSHED FREE OF SEDIMENT AND INSPECTED BY ENGINEER AT COMPLETION OF PROJECT.
- SPOT ELEVATIONS LABELED WITH "EX" ARE EXISTING SPOTS THAT HAVE BEEN INTERPOLATED FROM THE SITE SURVEY AND NEED TO BE VERIFIED IN THE FIELD. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR TO FIELD VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING STORM STRUCTURES PRIOR TO BEGINNING CONSTRUCTION TO INSURE ADEQUATE DEPTH.
- IF ANY EXISTING ASBESTOS COATED SEWER LINE IS UNEARTHED, IT WILL REQUIRE ABATEMENT IN ACCORDANCE WITH CURRENT EPA GUIDELINES.
- PROVIDE A MINIMUM OF 12" CRUSHED STONE BACKFILL OVER STORM PIPING. STORM PIPING UNDER PAVED SURFACES TO BE BACKFILLED FULL DEPTH WITH CRUSHED STONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING OF EXCAVATION AREAS FOR FOUNDATIONS AND/OR BASEMENTS AND SHALL NOT ALLOW PONDING OF WATER THAT WILL DESTABILIZE THE SOIL BEARING FOR FOUNDATIONS, SLABS, STRUCTURES, ETC.
- CONTRACTOR SHALL UTILIZED DIGITAL FILES TO ESTABLISH COORDINATES FOR LOCATING DRAINAGE STRUCTURES. DIGITAL FILES CAN BE OBTAINED FROM CARMAN. SHOULD THE CONTRACTOR NEED A LISTING OF STRUCTURE COORDINATES, THESE MAY BE REQUESTED FROM THE OFFICE OF CARMAN.
- THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC SHOP DRAWINGS, SAMPLES, ETC FOR ANY MANUFACTURED OR PRE-CAST EQUIPMENT OR STRUCTURES ASSOCIATED WITH STORM DRAINAGE OR STORMWATER MANAGEMENT IMPROVEMENTS.
- ASIDE FROM DESIGNATED SUMP MANHOLES, ANY SUMPS REMAINING IN STORM STRUCTURES (PVC OR CONCRETE) BELOW THE INVERT ELEVATION OF THE OUTLET PIPE SHALL BE FILLED WITH CONCRETE TO ELIMINATE ANY STANDING WATER WITHIN THE STRUCTURES.
- ALL GRAVITY STORM PIPING SHALL BE SDR35 PVC UNLESS OTHERWISE NOTED AS DUCTILE IRON ON THE PLAN AND AS SPECIFIED.

SITE DRAINAGE CODED NOTES

KEY	DESCRIPTION	DETAILS
1A	12" CATCH BASIN WITH 12" CIRCULAR GRATED LID, FLUSH WITH ADJACENT SURFACE. GRATED LID TO CONFORM TO UK STANDARD HEEL PROOF REQUIREMENTS	A / C602
1B	CATCH BASIN WITH 12" CIRCULAR SOLID LID, FLUSH WITH ADJACENT SURFACE	A / C602
2A	12" YARD DRAIN WITH BEEHIVE GRATE	B / C602
2B	YARD DRAIN BASIN WITH OPEN GRATE FLUSH WITH ADJACENT SURFACE - SIZE VARIES	B / C602
2C	YARD DRAIN BASIN WITH OPEN BEEHIVE GRATE IN LANDSCAPED AREA - SIZE VARIES	B / C602
3	CLEANOUT	C / C602
4	2'X3' CURB BOX INLET	D / C602
5	FOUNDATION DRAIN LINE - 6" PERFORATED HDPE PIPE IN FILTER SOCK. REFER TO STRUCTURAL AND MEP PLANS FOR ADDITIONAL INFORMATION	-
6	HEAVY DUTY TRENCH DRAIN	G / C602
7A	WOU #1: 6" DIAMETER WATER QUALITY UNIT	H / C602
7B	WOU #2: 6" DIAMETER WATER QUALITY UNIT	I / C602
8A	FOUNDATION DRAIN MANHOLE #1: 4" DIAMETER SUMPED MANHOLE FOR FOUNDATION DRAIN CONNECTIONS AND AREAWAY SUMP DISCHARGE. NEW MANHOLE TO HAVE WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE A-3. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 981.50 - AREAWAY SUMP INVERT: 977.90 - SUMP ELEVATION: 973.90	E / C602
8B	FOUNDATION DRAIN MANHOLE #2: 4" DIAMETER SUMPED MANHOLE FOR FOUNDATION DRAIN CONNECTIONS WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE E-6YD. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 1001.00 - INVERT ELEVATION: 984.00 - SUMP ELEVATION: 980.00	E / C602
9	SET NEW 4" DIAMETER MANHOLE D-2 ON EXISTING 12" PIPE AND E-2 MH ON EXISTING 24" PIPE. SEAL CONNECTION TO PREVENT LEAKS. FIELD VERIFY INVERT ELEVATIONS.	E / C602
10	SET NEW 2'X3' CURB BOX INLET ON EXISTING 18" LINE. SEAL CONNECTION TO PREVENT LEAKS.	D / C602
11	EXISTING CURB BOX INLET	-
12	PERMEABLE PAVEMENT MANHOLE #3: 4" DIAMETER SUMPED MANHOLE FOR PERMEABLE PAVEMENT DRAINAGE SYSTEM WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE D-2MH. CONNECT 4" CONDENSATE DRAIN LINE FROM BUILDING TO MANHOLE AT INVERT ELEVATION 981.33. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 985.50 - INVERT ELEVATION: 981.33 - SUMP ELEVATION: 977.33	E / C602
13	PERMEABLE PAVEMENT DRAINAGE SYSTEM. 4" PERFORATED PIPE IN SOCK CONNECTED TO MANHOLE	-
14	FUTURE SITE WORK FOR REFERENCE ONLY	-
15	WALLS PER STRUCTURAL PLANS	-
16	SANITARY SEWER SYSTEM FOR REFERENCE ONLY - SEE SHEET C500-C502 FOR MORE INFORMATION REGARDING SANITARY SEWER	-

FOUNDATION PENETRATIONS FOR INTERNAL BUILDING DRAINAGE

KEY	DESCRIPTION
A	10" PIPE INVERT OUT OF BUILDING AT C0-1: 997.50
B	10" PIPE INVERT OUT OF BUILDING AT D-6-CB: 995.00
C	8" PIPE INVERT OUT OF BUILDING AT D-5-CI: 994.25
D	8" PIPE INVERT OUT OF BUILDING AT D-4-CI: 989.50

CIVIL

PROJECT	202170
DATE	05.09.25

REVISIONS

No.	Description	Date

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSMIT OR REPRODUCE THESE DRAWINGS OR ANY ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

SITE DRAINAGE PLAN SOUTH

C601