



University of Kentucky®

Procurement Services

INVITATION FOR BIDS

CCK-2563.30-19-25

CTC & AAC BP07 Core & Shell

Group 5 Landscaping

ADDENDUM #1

05/07/2025

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 05/14/2025 @ 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 & Clarifications to Original Bid Documents and Questions & Answers

- Refer to and incorporate within the offer the enclosed Questions and Answers and additional information from the project team.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

05/07/2025

Ken Scott

Ken Scott / (859) 257-9102

SIGNATURE

Typed or Printed Name

Addendum #01 BP-07 (Group 5 Landscape)

Client	University of Kentucky Healthcare	Date	5/7/25
Project	UK Cancer Center + AAC BP-07 Core and Shell (Group 5 Landscape) ADD#1	UK Project #	2563.0
	UK-2563.30-19-25	Champlin Project #	514-6926

This addendum provides information to clarify or adjust construction items which may affect any or all trade contractors. The original documents for the referenced project are amended as noted in this addendum and made part of said documents and shall govern the work covered by the Form of Proposal. All work to be in strict accordance with the terms, stipulations and conditions of contract documents.

CLARIFICATION:

Drawings with revision clouds have changes as described below.

1. Reference drawing sheet L921, Planting Schedule. The following quantities of ground cover shall replace those in the original drawing:

Lawn: 55,400 s.f.
 Mix 1: 20,200 s.f.
 Mix 2: 7,000 s.f.
 Mix 3: 300 s.f.
 Mix 4: 5,500 s.f.
 Mix 5: 1,300 s.f.
 Mix 6: 16,000 s.f.
 Mix 7: 13,000 s.f.
 Mix 8: 27,100 s.f.

SUMMARY OF ATTACHMENTS

PART A – DRAWING

None.

PART B - SPECIFICATIONS:

None.

PART C – RESPONSES TO BIDDER QUESTIONS:

See attached bidder questions and responses. Note this log is cumulative for bidding from all previous Bid Package 7 Groupings.

PART D – SUBSTITUTION REQUESTS

None

PART E – ADDITIONAL EXHIBITS

Corrected General Conditions Exhibit.

PART F – SKETCHES

None.

PART G – UPDATED BID FORMS

None.

End of Addendum



Bid Package 07 - Core and Shell Group 5 Landscaping				
Question and Response Log				
Responses As Of: 05/07/2025 @ 8:00 AM				
Through RFI # 258				
#	Question	Responder	Response	Release
1	For Bid Package Plumbing (TC 22A.7), Allowance 10 says to provide Saturdays-Full Crew-10 Days. Please clearly define this allowance. How many men for these 10 days should this Allowance be for?	Walsh	Bid Breakdown form will be updated to reflect a labor hour value rather than a quantity of Saturdays.	Released during Bid Package 7 Group 1 Bidding
2	For Bid Package HVAC/Mechanical (TC 23A.7), Allowance 11 says to provide Saturdays-Full Crew Airside-10 Days. Please clearly define this allowance. How many men for these 10 days should this Allowance be for?	Walsh	Bid Breakdown form will be updated to reflect a labor hour value rather than a quantity of Saturdays.	Released during Bid Package 7 Group 1 Bidding
3	For Bid Package HVAC/Mechanical (TC 23A.7), Allowance 11 says to provide Saturdays-Full Crew Wetside-10 Days. Please clearly define this allowance. How many men for these 10 days should this Allowance be for?	Walsh	Bid Breakdown form will be updated to reflect a labor hour value rather than a quantity of Saturdays.	Released during Bid Package 7 Group 1 Bidding
4	Under Trade Category Scope Clarifications for HVAC/Mechanical (TC 23A.7) Item #77 Provide Steam Trap Monitoring System per documents. We do not see this in the documents, is this required?	Walsh, CMTA	Intent was not to create an additional requirement. Comply with the documents.	Released during Bid Package 7 Group 1 Bidding
5	Item #80 The subcontractor is responsible for all project consumption costs related to temporary steam for the duration of the project.-This is not possible to do, please provide an allowance for this.	Walsh	Consumption costs will be funded by listed Utility Allowance on the bid breakdown form.	Released during Bid Package 7 Group 1 Bidding
6	Will the Tower Crane be utilized for setting HVAC equipment?	Walsh	A Tower Crane Utilization Matrix to be provided with anticipated Addendum #4. Subcontractors owe their own hoisting. Priority of crane usage time listed in B.1.	Released during Bid Package 7 Group 1 Bidding
7	What bid package is the Fuel Oil Tank, Pumps and Piping fall under?	Walsh	TC22A7 Plumbing will carry the fuel oil system. The Plumbing and HVAC Bid Breakdown forms have been updated to correct the confusion.	Released during Bid Package 7 Group 1 Bidding
8	Is the Building Automation/Temperature Controls to be include in Bid Package TC 23A.7 ?	Walsh	Walsh: Controls are to be bid as a separate RFP in July timeframe.	Released during Bid Package 7 Group 1 Bidding
9	The various bid forms show allowances to include for BIM Coordination. Will this include everything, meetings, Pipe/duct drawings, sleeve drawings, clash detection, coordination updates?	Walsh	Stated BIM Coordination Allowance will be utilized for 3rd party BIM Coordination costs. Subcontractor shall carry cost for their own BIM coordination activities including meetings, modeling, sleeve drawings, coordination updates, clash detection, and similar BIM coordination scope of work.	Released during Bid Package 7 Group 1 Bidding
10	It has come to our attention that the 2500UT basis of design system is not a good fit for the project and Kawneer has suggested the 1600UT system which has been the basis of design for other buildings at UK. Please Advise if 1600 UT will be acceptable	Champlin / HGA	Walsh/Champlin/HGA: This is not being bid as part of Group 1. Design team will review and respond as part of the Group 2 bidding process which will begin in approximately the next week.	Released during Bid Package 7 Group 1 Bidding
11	1. Detailing within the arch's indicate a desired overall system depth of 10". The captured 2500UT system has a standard depth of 7 1/2". Some custom dies do exist for the system but none that would match that aesthetic.	Champlin / HGA	Walsh/Champlin/HGA: This is not being bid as part of Group 1. Design team will review and respond as part of the Group 2 bidding process which will begin in approximately the next week.	Released during Bid Package 7 Group 1 Bidding
12	2. The 2500UT system was designed primarily to address projects with high thermal requirements or that needed the aesthetic of a 4 side SSG look. Provisions for deep covers or the support of sunshades are not provided within the standard system. Customization to the chassis to accept those features typically result in an increased sightline of 3" and a reduction of the advertised high thermal values.	Champlin / HGA	Walsh/Champlin/HGA: This is not being bid as part of Group 1. Design team will review and respond as part of the Group 2 bidding process which will begin in approximately the next week.	Released during Bid Package 7 Group 1 Bidding
13	3. The arch's show spans of 20' at the South and East elevations of the project. The calculated wind load based on project requirements was 41 PSF and the vertical module spacing at those 20' spans was 48". The standard 7 1/2" deep 2500UT chassis, reinforced with steel, will not make those spans based on the loading requirements and the vertical mullion spacing. The maximum span for the standard system at loading would be between 15' to 16' as shown in the chart below. There are no existing dies for the system that will meet these requirements. (Wind load charts can be found in the Architectural Detail Manual for the product which is available for download from our website)	Champlin / HGA	Walsh/Champlin/HGA: This is not being bid as part of Group 1. Design team will review and respond as part of the Group 2 bidding process which will begin in approximately the next week.	Released during Bid Package 7 Group 1 Bidding
14	1. Advertisement for bid AB-2 (5) Project Schedule lists the time for substantial completion as 365 consecutive calendar days. During the pre-bid call it was mentioned that substantial completion for this bid package was sometime Q4 of 2026 but there was a slide showing September of 2026. In the project schedule I only see a date listed of 10/27/26 for substantial completion of the overall project. I see a BIM core & shell but I'm struggling to find specific dates as it pertains to this bid package and specifically TC26A.7 For instance TC26A.7 requires temporary electric and lighting to be designed by a PE but I don't see dates specific to this.	Walsh	10/26/2027 is the current projected substantial completion date. 9/20/2027 is the current targeted substantial completion date. Schedule will drive the substantial completion dates rather than the advertisement to bid. Temporary site lighting is to be provided by others. Temporary interior lighting of the floors shall follow the concrete activities in the schedule. Temp lighting of floors to be provided immediately after stripping of formwork and start of reshoring. 'Full' temporary electrical power for construction operations to be available no later than reshores being pulled for each floor. Temporary power for mechanical systems per the contract schedule.	Released during Bid Package 7 Group 1 Bidding
15	2. To bid this package, we need detailed bills of materials including sizes and weights of all material that we are responsible for installing that will be furnished by others. TC26A.7 items 51-53 are weight / dimension specific. This complete BOM is also required to address item 70. Permitting required we know the values as it is based off a % of these furnished items as well.	Walsh / AEI	Estimated dimensions are on the drawings, with exception to the "shipping split" information, which will not be available until submittals are provided. Approximate weights are provided on the included sketch "Conceptual Electrical Equipment Weights"	Released during Bid Package 7 Group 1 Bidding
16	3. If gear is to be furnished by others should item 74 be removed from scope since we have no remedy with the manufacturer if breakers are incorrect?	Walsh / AEI	Intent is that the panels will be shipped with final coordinated breaker sizes factory installed. Where this is not feasible or otherwise not complete, the C&S subcontractor shall correct the panels. Unit costs have been added to the Bid Breakdown form to account for possible changes. Assume that breakers to be provided by others.	Released during Bid Package 7 Group 1 Bidding
17	Will temporary smoke detectors need to be provided during construction?	Walsh	No. This is not a project requirement.	Released during Bid Package 7 Group 1 Bidding
18	Note 6.J of the electrical scope relates to temp. power for the mechanical contractor and temp. conditioning of the project. Can more information be provided for this? A building of this size could require significant temp. power to achieve the proper conditioning.	Walsh	Subcontractor shall plan to power equipment for 18 months. See other RFIs for consumption concerns.	Released during Bid Package 7 Group 1 Bidding

Bid Package 07 - Core and Shell Group 5 Landscaping				
Question and Response Log				
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Through RFI # 258				
#	Question	Responder	Response	Release
19	Please provide clarification to note 24 in the electrical scope. I do not see any reference to communication backbone, branches or pathways on the bid drawings nor a line item on the bid form. Also, page 10 states Low Voltage rough in is excluded from this package.	Walsh	Sleeves only by the core and shell subcontractor	Released during Bid Package 7 Group 1 Bidding
20	There are multiple references to site electrical, site lighting and building lighting in scope. The bid form states that this isn't part of this bid pack. Please clarify.	Walsh	Bid breakdown form will be corrected. Scope is intended to be part of the Core and Shell Package.	Released during Bid Package 7 Group 1 Bidding
21	5. Note 77 in the electrical scope states the EC is responsible for project power consumption costs. Is allowance 13 in place to cover these fees? What if this allowance is exceeded?	Walsh	Consumption will be covered by an Utility Allowance. If consumption exceeds this value, adjustments will be made accordingly.	Released during Bid Package 7 Group 1 Bidding
22	The doors schedule has just under 200 openings listed and the hardware specs have hardware set assignments for all openings on the door schedule, but plan page A-700 has a note between the door schedule sections of exterior doors and interior doors that states "Interior doors, frames, and assemblies are to be considered interior fit-out project scope and are included here for reference purposes only." -Based on this, should we only be pricing the roughly 20-25 openings listed on the "exterior" door schedule at the top left corner, and exclude all openings on the "interior" door schedules on the rest of the page?	Walsh	Doors, Frames, and Hardware will be bid as a single package with Interior Fit Out drawings in the September / October time frame.	Released during Bid Package 7 Group 1 Bidding
23	What trade category will this scope fall under? Division 8 Openings is listed under a few Trade Categories, but I do not see anything about doors, frames, and hardware listed under any specific trade category.	Walsh	Doors, Frames, and Hardware will be bid as a single package with Interior Fit Out drawings in the September / October time frame.	Released during Bid Package 7 Group 1 Bidding
24	Are any division 10 items needed in this phase of bidding and if so, what trade category will this scope fall under? Division 10 Specialties is listed under a few Trade Categories, but I do not see anything specialties listed under any specific trade category.	Walsh	Div 10 will be bid as a single package with Interior Fit Out drawings in the September / October time frame.	Released during Bid Package 7 Group 1 Bidding
25	Please explain the union requirements for this project. The concrete scope of work mentions union carpenters are required for this scope of work. Is there a PLA for the project?	Walsh	Pursuant to Trade Category Par. 5.1, union carpenters are required for the concrete scope of the project. A PLA is not anticipated at this time.	Released during Bid Package 7 Group 1 Bidding
26	PIPE, PIPE FITTINGS AND PIPE SUPPORT – 201300: Hydronic Chilled Water/Process Chilled Water Piping: Can Victaulic HDPE Piping System be used as an alternative to heat fusion joints for above ground hydronic chilled water and process chilled water 2" and above? System includes Victaulic Style 905 Couplings designed for installation on plain-end HDPE piping, Style 907 Transition Coupling for use in conjunction with Vic-300/W761 Butterfly Valves and Style 904 Flange Adapter Coupling.	CMTA	Yes; allowance of grooved couplings will be included as a contractor's option.	Released during Bid Package 7 Group 1 Bidding
27	PIPE, PIPE FITTINGS AND PIPE SUPPORT – 201300: Hydronic Chilled Water/Process Chilled Water Piping: Can schedule 40 carbon steel/std weight piping be used as an alternative to HDPE piping for above ground hydronic chilled water and process chilled water 2" and above?	CMTA	Not at this time. Refer to any updates issued in the addendum phase.	Released during Bid Package 7 Group 1 Bidding
28	PIPE, PIPE FITTINGS AND PIPE SUPPORT – 201300: Hydronic Hot Water Piping (Heating Water, Baseboard Heating Water) Per currently published UK Design Standards for HVAC Piping Systems, there are no restrictions on using Victaulic grooved piping in enclosed spaces. Can confirmation and context be provided whether Victaulic grooved mechanical pipe joints can be used in shafts and above drywall ceilings for hydronic and domestic water piping 2" and above?	CMTA	Refer to the specifications for restrictions on locations of grooved mechanical piping joints.	Released during Bid Package 7 Group 1 Bidding
29	Please confirm that we can install PVC Schedule 40 under level 00 slab to all distribution equipment including the ATS Cabinets	AEI	PVC is acceptable in locations indicated by specifications and installed in compliance with specifications including, but not limited to, 260543/260533 (IE:rigid elbows, concrete encasement under structural members) (AEI)	Released during Bid Package 7 Group 1 Bidding
30	Is the bus duct part of OFCI equipment or is the contractor to provide?	Walsh	No. The bus duct will not be considered an OFCI item. See attached sketch for what is to be considered OFCI.	Released during Bid Package 7 Group 1 Bidding
31	The building is category A seismic. Does this facility require seismic bracing?	CMTA	No.	Released during Bid Package 7 Group 1 Bidding
32	It states that flex drops and brackets can be used. Is that correct?	CMTA	That is correct.	Released during Bid Package 7 Group 1 Bidding
33	I cannot find the site drawings with the fire service. Will this be installed in the previous contracts?	Bell	Walsh: No This is not installed via previous contracts. CMTA: Refer sheets U210.3 and U210.4.	Released during Bid Package 7 Group 1 Bidding
34	1. Is the building automation being bid as a part of BP-07? There are no control drawings provided.	Walsh	Walsh: Controls are to be bid as a separate RFP in July timeframe.	Released during Bid Package 7 Group 1 Bidding
35	2. Will the building automation contractor bid to the HVAC Trade Contractor TC 23A.7?	Walsh	Walsh: Controls are to be bid as a separate RFP in July timeframe.	Released during Bid Package 7 Group 1 Bidding
36	3. In TC 23A.7 there is a specific exclusion for "Conduit for Building Automation System". Is the Electrical contractor going to be expected to provide the conduit for the building automation system?	Walsh	Walsh: Controls are to be bid as a separate RFP in July timeframe.	Released during Bid Package 7 Group 1 Bidding
37	4. If building automation controls are being bid as a part of BP-07 please provide a controls specification specific to this project.	Walsh	Walsh: Controls are to be bid as a separate RFP in July timeframe.	Released during Bid Package 7 Group 1 Bidding
38	5. TC 23A.7 has a \$215k allowance for BIM coordination. Does the Building Automation contractor need to participate in BIM coordination? If so, can there be an allowance given for this contractor?	Walsh	Yes Controls Subcontractor will participate in BIM. Requirements will be spelled out in the future Controls package. An allowance has not been established for any subcontractor's performance in BIM coordination and will not be established for the controls subcontractor. See other RFI responses for purpose of the BIM Coordination allowance.	Released during Bid Package 7 Group 1 Bidding
39	6. What is the duration of BIM coordination and how often will the meetings be held?	Walsh		Released during Bid Package 7 Group 1 Bidding
40	We are submitting AIR-SHIELD™ LSR Liquid Membrane Air/Vapor and Liquid Moisture Barrier for your consideration. Please confirm if this is an acceptable product.	Champlin / HGA	Walsh/Champlin/HGA: This is not being bid as part of Group 1. Design team will review and respond as part of the Group 2 bidding process which will begin in approximately the next week. This is under review.	Released during Bid Package 7 Group 1 Bidding
41	Can a combination bid be submitted for Plumbing(TC 22A.7) and HVAC/Mechanical (TC 23A.7)?	Walsh / UK	A new form of proposal will be provided to allow for combination bidding of HVAC and Plumbing and Earthwork and Utilities. These new Form of Proposals will be included with Addendum #4 but will be a direct combination of the combined forms.	Released during Bid Package 7 Group 1 Bidding

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42	1. Fixture type L9A says fixture to be surface mounted on roof without penetrating the membrane and directs to architectural drawings for mounting detail. I'm probably overlooking it, but I cannot find this detail. Can the specific sheet number be called out for this detail?	AEI	AEI: A simple weighted, non-penetrating mount suitable for lightweight equipment shall be used. Detailed information on the base mount will be provided in a subsequent issuance.	Released during Bid Package 7 Group 1 Bidding
43	E201.A note 1 says to coordinate remote driver location with architect. Can either the location of remote drivers be identified, or a maximum distance be established. The location of remote drivers can greatly impact conduit and wire routing.	AEI	AEI: Anticipated locations for these drivers are as follows. Precise mounting locations with these areas shall be coordinated with Architect in the field. Generally, driver distance from fixture shall not exceed 30 ft. Door ST00B1.1 – Driver located above ceiling in EXIT PASSAGEWAY ST00B1. Door A100E/F – Driver located above ceiling just inside the door in Corridor A100E. Door A100W – Driver located in tunnel TL0003 near LINAC EQ CSA00H. High on wall or overhead mounted to deck. Door A107 – Driver located in MECH/PLUMBING CSA00F. High on wall or overhead mounted to deck.	Released during Bid Package 7 Group 1 Bidding
44	3. Sheet E202.A note 1 calls for a weighted roof mount base for fixture L5. Is there a spec or basis of design for this base? (Same note called out on 208.A for fixture L9A so ties back to question 1)	AEI	AEI: Refer to response for item #42 - this fixture type shall utilize a similar mounting to Type L9A.	Released during Bid Package 7 Group 1 Bidding
45	Note on site lighting calls for handholes at "300" (maximum) as required" but doesn't elaborate on the purpose of these handholes. Can we get additional direction on this requirement?	AEI	Handholes installed to be utilized as a pull box. Provide as directed by documents. (AEI)	Released during Bid Package 7 Group 1 Bidding
46	5. Sheet ESP202 note 1 refers to architectural drawings for quantity and location of handrail lighting. On the related detail on sheet A020 I see met rail 6 and length but I'm struggling to find any further detail. A011 shows met rail 6 as having "integral light fixtures"	AEI	AEI: Type L11 light fixtures shall be mounted within vertical support posts of handrail system, approximately 4'-0" on center. Handrail system detail drawings will be provided in a subsequent issuance. Also refer to written specifications for additional information.	Released during Bid Package 7 Group 1 Bidding
47	6. E500 shows a couple of battery charges and battery disconnects. Ampacity is shown but feeding panel and voltage appears to be missing.	AEI	Revisions were made to add circuiting and revise disconnect size in Addendum #4. Refer to sheets E500 and E505 for battery charger requirements for Lower Level and Penthouse, respectively. (AEI)	Released during Bid Package 7 Group 1 Bidding
48	7. ESP100 shows a lot of signage locations and a talk-a-phone. Scope item 40 addresses the talk a phone but doesn't indicate what panel the should be fed from. Scope item 42 addresses signage but based on the plans it appears that many of the signs are not internally lit as no power is shown to the sign. Can we confirmed that all sign locations that need power have power shown? For instance, area 1 shows a dozen or more signage locations on the overall plan but not a single one of them has power shown on ESP101	Walsh / AEI	Circuit for Talk-a-Phone was added in Addendum #2 - refer to ESP100 (AEI). Conceptual Signage Package is provided for reference with ADD#4. This provides more information related to lit vs non lit signage on the site.	Released during Bid Package 7 Group 1 Bidding
49	8. ESP102 note 1 says to provide power to site signage but doesn't indicate the ampacity, voltage or serving panel.	AEI/Walsh	Signage design is not complete. For purposes of bidding assume 120v / 20A for the site signage power connection. The signs will be powered from the same panelboard that powers the lighting in the area of the signage. (AEI)	Released during Bid Package 7 Group 1 Bidding
50	Panel schedules are missing.	AEI	Panel schedules will not be provided for Core/Shell. Panelboards are being furnished by UK. Final schedules will be issued with Fit-Out package. (AEI). Design Development Drawings of the Interior Fit out will be provided in Addendum #3 for reference.	Released during Bid Package 7 Group 1 Bidding
51	What is service expectation for the temporary wifi called out in scope item 78? It seems like controlling access is probably going to be difficult so I could easily see this system become overwhelmed.	Walsh	Service expectation is to allow support of minor IOT devices in the building and support use of tablets and phones for drawing review. Assume that hot spots will be provided on each floor in the following areas: at each stair well, at skip hoist location, at each elevator bank, and at 1 additional huddle space. The 4th floor will have a large break area that will require additional coverage to support the use of the space. Assume additional 10 WAP locations for this use.	Released during Bid Package 7 Group 1 Bidding
52	There's several references to exhibit J but I've failed to find the exhibit.	Walsh	Walsh to provide Ex J.	Released during Bid Package 7 Group 1 Bidding
53	Scope for temporary allows remanufactured transformers. Is remanufactured gear acceptable for temporary as well?	Walsh	This is acceptable. Subcontractor will be required to maintain the equipment.	Released during Bid Package 7 Group 1 Bidding
54	Scope specifically excludes rough-in for low voltage systems. Does any work in the technology drawings need to be included?	Walsh	Core and Shell subcontractor shall provide sleeves for low voltage and technology systems. No other rough in or trim is part of the core and shell scope.	Released during Bid Package 7 Group 1 Bidding
55	Scope specifically excludes fire alarm. In addendum 1 a lot of fire smoke dampers were added. Do we only need to supply power to these?	Walsh / AEI	Power to these units will be carried with fit out contractor.	Released during Bid Package 7 Group 1 Bidding
56	With the number of drawings issued as part of addendum 1 would it be possible to extend the last day for questions?	Walsh / UK	Bid day will extend refer to addendum information.	Released during Bid Package 7 Group 1 Bidding
57	The drawings for Trade Category 23A.7 indicate VFD's are shown for reference only and will be provided by the Controls Contractor as part of a future bid package. Item 52. in our Trade Package description states, provide variable frequency drives for all HVAC equipment as specified. Please confirm whose responsibility it is to provide the VFD's.	Walsh/CMTA	VFD's will be provided by the temperature controls contractor in an upcoming bid package.	Released during Bid Package 7 Group 1 Bidding
58	Is an underdrain system required for the building?	Geotech	An underdrain is not specified for the entire building. Refer to foundation drains for related scope of work.	Released during Bid Package 7 Group 1 Bidding
59	Where do foundation drains tie into the storm systems?	Bell	See Sketch for foundation drain tie in points.	Released during Bid Package 7 Group 1 Bidding
60	Bidding contractors have brought to our attention that the Core & Shell package drawings do not designate what ceiling types are to be used where (ie. Lay-in or Drywall) and therefore they cannot confidently determine where Victaulic can or cannot be used outside of mechanical rooms. As result, we are being told this will affect bid costs dramatically if weld is to be factored in for all piping outside the mech rooms. Other factors that would be affected are labor/manpower, coordination/fabrication, and material allocation. Will ceiling type with area designations be available for bidders prior to bid? If not, can any clarification be provided as to how bidders can best determine what ceiling locations are to be considered 'accessible' when evaluating the hydronic hot water piping?	walsh	Fit out Interiors DD drawings will be issued for reference. Bid Packages 1 through 5 will also be provided for reference. This large reference package will be a Separate Addendum (Addendum 3) to limit confusion from 'base' scope of work.	Released during Bid Package 7 Group 1 Bidding

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61	The plans reference prior bid packages 1 & 2. Is there somewhere we can access these prior drawing packages?	walsh	Fit out Interiors DD drawings will be issued for reference. Bid Packages 1 through 5 will also be provided for reference. This large reference package will be a separate addendum. Subcontractors shall be responsible for coordination with the entire project.	Released during Bid Package 7 Group 1 Bidding
62	The specs mention a gate, but A400 and A405 scale a 3.5' wide gate and the opening between retaining walls is 8'wide. So, I'm asking if they want a double gate in this area and is one leaf supposed to be stationary to work with a panic bar latch or does the cable railing extend beyond the walls to allow for only a single 3.5' wide gate with self-closing hinges, card reader and a panic bar latch at this location?	Walsh	This scope is not being bid with Group 1 bids but will be bid in the future with a specific site fencing Trade Category in Group 3. Design team will review and respond as part of the Group 3 bid.	Released during Bid Package 7 Group 1 Bidding
63	Is there a walk gate on the east side of the South Terrace? Building Elevations 2/A400 and A405 appear to show a gate in this area between the retaining walls and cable railing. If so, what type of gate hardware is required? Please advise.	Walsh	This scope is not being bid with Group 1 bids but will be bid in the future with a specific site fencing Trade Category in Group 3. Design team will review and respond as part of the Group 3 bid.	Released during Bid Package 7 Group 1 Bidding
64	The plans note 100% wet pipe sprinkler coverage but then contradict this in the same Tagged note : (PG 3187 of PDF). Do I interpret this note we will only be running the infrastructure and 1) Mechanical room piping sprinklers 2) Specific areas noted on each plan 3) The pre action for the generator room. If we are installing piping and heads throughout can we receive the RCP plans.	Walsh	Note F1 is incorrect. Intent is for a single Fire Protection Bid Package without a split of Core and Shell and Fit out. There will only be 1 Fire Protection contract issued. 100% Design Development Fit Out drawings, with Ceiling Plans, will be issued via addendum 3. All areas except as noted to be exceptions to the fully sprinklered building will have coverage provided.	Released during Bid Package 7 Group 1 Bidding
65	1. Given the complexity of this project, can the bid date be extended?	Walsh	Bid date is being extended. See addendum for details.	Released during Bid Package 7 Group 1 Bidding
66	2. Given the complexity of this project, can the last date for questions be extended?	Walsh	Questions will be answered to questions received as time allows. UK has continued to forward questions	Released during Bid Package 7 Group 1 Bidding
67	3. Is the Construction Manager "Walsh" bidding the cast in place concrete scope?	Walsh	No. Walsh will not be providing a Bid on any scopes of work.	Released during Bid Package 7 Group 1 Bidding
68	4. Reference detail #2/S301 at the elevator mat slab thickenings for column locations. What thickness are these areas required to be?	THP	Footings are called out on plan drawing S200B. Drawing notes and footing schedule are on the overall plan drawing S200.	Released during Bid Package 7 Group 1 Bidding
69	5. Reference drawing #S604. Beam #'s B402 - B411 and beam #B431 have a zero for either the width or the depth. What are the width and depth requirements for these beams?	THP	Please refer to updated schedules on the drawings issued in addendum(s).	Released during Bid Package 7 Group 1 Bidding
70	6. Reference drawing #S200C. What are the structural detail requirements where the CMU Firewall occurs adjacent to column lines L3 and 17?	THP	Foundation below CMU firewall will be shared with the garage structure and issued in a future package. Contractor to coordinate with the garage contractor.	Released during Bid Package 7 Group 1 Bidding
71	7. Reference keynote #2/S200A, etc. What are the detail requirements for thickened slabs at the stairs? We are not finding a detail for this condition.	THP	Thicken slab on grade where noted below stairs the same as at masonry walls, shown on S103.	Released during Bid Package 7 Group 1 Bidding
72	8. Reference drawing #S200C. Section #34/S303 is referenced along column line #M left of line #13. It appears this reference is in error as it is showing a concrete shearwall in the section but the location it is taken is through a CMU wall. What is the correct detail reference at this location?	THP	Section 34/S303 is correct and applies at line 13. The detail shows the grade beam step and tie bars required at line 13.	Released during Bid Package 7 Group 1 Bidding
73	Can the shaft area at Stairway "C" or the EIDF room "C" be used for electrical conduits going up to the Penthouse from level 00? See Drawing E300 thru E308.	HGA / Champlin	See E310U for planned location for electrical risers to L8. Also, See E300 from Addendum 4 for additional information on these shafts. The EIDF rooms are only to be utilized for Fire Alarm Risers. No power conduits, other than F/A are allowed in EIDF.	Released during Bid Package 7 Group 1 Bidding
74	I do not see the utility drawings that has the fire main. Do we just stub out 5 foot from building?	Walsh	Site Utility contractor to bring Fire main into building and stub up. Refer sheets U210.3 and U210.4.	Released during Bid Package 7 Group 1 Bidding
75	Will a payment and performance bond will be required?	Walsh	Project will utilize an SDI program and a payment and performance bond should NOT be included in base bids. Some Specific trade categories will have a requested unit cost for bond costs. If a firm is deemed ineligible for the SDI program, an opportunity will be provided to provide a bond ilo entry into the SDI program.	Released during Bid Package 7 Group 1 Bidding
76	Is the CCK-2653.30-4-24 UK Cancer Treatment Center project really tax exempt per article 14 - Taxes, 1B-12?	Walsh	The project is not Tax Exempt. Article 14 states this correctly.	Released during Bid Package 7 Group 1 Bidding
77	Reference has been made to a distinction on the scope of responsibility of the Concrete subcontractor vs the Drilled Piers subcontractor. Please clarify.	Walsh	See Sketch attached. The Concrete subcontractor shall include the '2nd lift' of concrete above the construction joint.	Released during Bid Package 7 Group 1 Bidding
78	Is Plumbing contractor to furnish and install the medical gas equipment?	Walsh	No. Complete Medical Gas system to be provided by Fit Out subcontractor. Core and Shell Contractor to provide sleeves only.	Released during Bid Package 7 Group 1 Bidding
79	Can Limestone be shut down to allow for setting of bridge steel.	Walsh	Subcontractors shall assume all work in the Limestone Right of Way to be completed off hours with Work Hours being 7 pm to 6am inclusive of daily set up and breakdown of road closures and safety protections. All subcontractors working in the right of way should anticipate individual street permits and shut downs along with roadway protections for work in the right of way.	Released during Bid Package 7 Group 1 Bidding
80	Please confirm that Metal Fab 4 is part of the Steel and misc Metals scope of work.	Walsh	Confirmed. This is part of the Steel Trade Category as part of the 05S119 Specification.	Released during Bid Package 7 Group 1 Bidding

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80	Please provide information related to requirements of backfill of the foundation walls	THP	<p>The foundation walls are laterally supported by the Level 01 slab and Level 00 slab on grade and grade beams.</p> <p>Before slabs are in place, backfill may be placed to about 4 feet high to install the perimeter drainage, but should not be placed higher until the Level 01 slab is in place.</p> <p>With Level 01 in place but no slab on grade, backfill may be placed to about 12 feet high and should be monitored to ensure there is no displacement of the base of the wall. Note that the service corridor "tunnel" slab on grade and top slab must be in place, since the outer west wall is not a retaining wall and relies on the main wall along Line 9 for lateral support at both top and bottom. At the garden, the battered wall is a retaining wall that supports the outer wall.</p> <p>Backfill may be placed full height when Level 01 is in place and the slab on grade is in place for at least two bays in from the wall. The slab on grade should extend from the wall to Line C, Line 6.9 by the elevators, and Line M, and be cast to the Linacc walls and south or west face of the columns. The slab on grade within the Linaccs may be cast later, since the vault walls and top will brace the main wall along Line 9.</p> <p>The retention system does not alleviate the backfill limits, since the backfill and compaction methods apply pressure to the wall.</p> <p>Backfill placement, construction, monitoring, means and methods are ultimately contractor responsibilities.</p>	Released during Bid Package 7 Group 1 Bidding
81	Confirm if the Bridge Steel is part of this Steel Package or to be provided by others.	Walsh	Yes, the pedestrian bridge is in this package. Scope of work will be rewritten to more clearly delineate scope of work on the Pedestrian Bridge.	Released during Bid Package 7 Group 1 Bidding
82	Please clarify requirements for the Warehouse in HVAC scope of work. Is this just for HVAC materials? What type of trucks are required to get there. Are there climate control and fire protection requirements?	Walsh	This requirement will be removed from this trade category.	Released during Bid Package 7 Group 1 Bidding
83	Is there any scope of work in BP7 that overlaps with BP1 Elizabeth Street or BP2 Site Utilities?	Walsh	Storm Line H including manhole and inlets south of the Waller Annex is not to be included with BP7 . 5 Light fixtures along Waller are not to be included with BP7. See Sketch for the specific	Released during Bid Package 7 Group 1 Bidding
84	Please clarify if the Steel Trade Contractor has any scope for the following Details: On sheet S204B there are two sections cut (3/S401 and 10/S401) and on sheet S208A (73 & 74/S405). We would be responsible for 58 & 59/S405 that is cut on sheet S203B, is this a correct assumption?	Walsh	<p>3/S401 - Connection and anchorage to slab by Curtain Wall Subcontractor.</p> <p>10/S401 - Thermally Broken brick support system to be furnished and installed by the Mason. Lintel component of this system to be furnished by Steel Subcontractor and installed by Mason. Refer to Scope of Work Ex B.2 Misc Metals Item 8. All shelf angles and loose lintels to be furnished by Steel Subcontractor. Additional information on A462</p> <p>73/S405 - Connection and anchorage to slab by CFMF Subcontractor.</p> <p>74/S405 - Connection and anchorage to slab by CFMF Subcontractor.</p> <p>58/S405 - Misc Metal supports for head of curtain wall by Steel Subcontractor.</p> <p>59/S405 - Misc Metal supports for head of curtain wall by Steel Subcontractor.</p>	Released during Bid Package 7 Group 1 Bidding
85	The Site light fixtures are not UK standard. Are these the right fixtures?	Walsh	L2 to be changed to the UK standard fixture. LED Pole Mounted Luminaire with Type II Optic Mounted on 12ft tall round aluminum pole integral photocell and occupancy sensor. Kim Lighting 1a-ARA2-54L-560-3K7-2-CLR-4-XXX-BLS-SCH-R/POLE:PR4-4R16-226-XX-SBC-BLS-XX. 3000K 70+CRI 9500 LUMENS. L2A to be equivalent based on L2 fixture change.	Released during Bid Package 7 Group 1 Bidding
85	Is Steel Sub responsible for Break-away fire-release connections?	Walsh	No. This connection will be provided by Garage contractors.	Released during Bid Package 7 Group 1 Bidding
86	Is Steel Sub responsible for pre-manufactured canopies?	Walsh	No. Pre-manufactured canopies will be a separate Trade Category bid with pending Group 2.	Released during Bid Package 7 Group 1 Bidding
87	Will Steel Subcontractor need to provide the backer plate for the through bolts at the premanufactured canopy cantilevered tube connector? (5/A022)	Walsh	No. This will be by the pre-manufactured canopy subcontractor.	Released during Bid Package 7 Group 1 Bidding
88	Will Steel Subcontractor need to provide the galvanized plate at the loading dock door jambs and heads 3/A022 & 5/A022?	Walsh	Yes. this will be provided by the steel subcontractor.	Released during Bid Package 7 Group 1 Bidding
89	On sheet S201A Note 1 at the mechanical shaft openings. It refers to embed requirements at perimeter of openings. How can steel subcontractor bid these without a quantity or coordination with mechanical subs.	Walsh	MEPFP subcontractors are to furnish and install their own embeds as required for their systems' connections in shafts in accordance with S103. Steel subcontractor is not to provide these. Steel subcontractor to provide all bent plate at shaft openings in the steel structural areas.	Released during Bid Package 7 Group 1 Bidding
90	A462 does not provide the size for the brick ledge angles. The information above the details are for lintels, not necessarily the brick ledge angles. These can be as big as L8x8x1/2.	Walsh	This response supersedes prior RFI response on this subject. Brick ledge angles integrated into the FBRA-3 Adjustable Offset Shelf angle support system, as shown typically on 10/A462, will NOT be provided by the Steel Subcontractor.	Released during Bid Package 7 Group 1 Bidding

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91	Temporary power requirements for Trade Category 26A.7, one of the bullets requires us to provide temporary power to the AHU's in the basement and penthouse. Can you identify the exact units that will need temporary power, in reviewing the mechanical schedules and the construction schedule I could not locate exactly when the power would need to be ready and for which units? The overall temporary service requirement would need to be increased if the plan is to temporary all the AHU units.	Walsh	Plan on all units being activated for temp use, but supply fans only will be run. All basement units and the north half of the penthouse units will be run from 7/1/26. The south half of the penthouse will be run from 10/1/26. Maintain the temp service requirement as stated in the documents.	Released during Bid Package 7 Group 1 Bidding
92	1. Sheet E301.C shows a note 1 in vestibule but the sheet doesn't have a sheet specific notes.	AEI	Note shall be as indicated, "PROVIDE ROUGH-IN OF TWELVE (12) 3/4" EMT CONDUITS FROM LOWER LEVEL CEILING INTO VESTIBULE ABOVE CEILING."	Released during Bid Package 7 Group 1 Bidding
93	2. Can we confirm the battery stations are being furnished in the generator package and or gear package?	Walsh	Confirmed. Battery stations to be provided as owner furnished contractor installed equipment.	Released during Bid Package 7 Group 1 Bidding
94	3. Original drawings show Inst Air fed from panel LLLRSH1 but I could not find this equipment. Sheet E507 showed a future instrument air which was revised in addendum 4 to IAC-1 but a circuit wasn't shown. Is this the same load?	AEI	IAC-1 will be part of the fit-out package. The Instrument Air Compressor shown fed from LLLRSH1 may be removed.	Released during Bid Package 7 Group 1 Bidding
95	4. Regarding the WIFI, Q&A line 51, are we putting in a wireless network or are we installing a bunch of stand-alone cellular hot spots?	Walsh	Wireless network of Access Points rather than cellular hot spots.	Released during Bid Package 7 Group 1 Bidding
96	5. Regarding the breakroom TVs, what do these need to be wired back to, i.e. where is the content coming from?	Walsh	Local control / content for the monitors. Monitors in L4 break room should be brought to single point of control for single computer access and presentation from within the room.	Released during Bid Package 7 Group 1 Bidding
97	6. Trade Contract 26A.7 letter H. states to provide 4,000 amp 480/277V 3ph 4w switchgear, is the intent to feed this switchgear from the (2) 2,000 KVA remanufactured 12,470-480/277v transformers? Additionally, then will the (2) 2,000 amp panels one provided by this subcontractor and the other provided by another subcontractor on the project be fed from the 4,000 amp switchgear? If so what will be the location of the 2,000 amp panel provided by another subcontractor is this panel for the parking garage?	Walsh	Provide the equipment as defined in the scope of work. Post award coordination will occur between BP1 subcontractor and BP7 contractor to provide a total temp power system. If its determined an additional piece of temporary gear is required this will be added to future Fit Out package. Subcontractors should not assume any scope for the parking garage. Anticipate equipment and feeds to be sourced from the temporary electrical yard just north of the Waller Annex building.	Released during Bid Package 7 Group 1 Bidding
98	7. TC 26A907 bid form line 3, can these be modified to acknowledge that this contractor will not have any permitting cost related to the prepurchase equipment or can a dollar value be provided to base the permit cost for this.	Walsh	Permitting costs for the owner furnished equipment will be provided as a change order to subcontractors. Subcontractors to include all permitting costs related to their scope of work and proposal.	Released during Bid Package 7 Group 1 Bidding
99	8. TC 26A907 bid form lines 10 & 11, what drawing details this work?	Walsh	Addendum 3 included Fit out drawings showing reference to the imaging equipment and the LINAC spaces. Each LINAC to have sleeves through wall to allow for the following conduit sizes: 8x 4" 1x 3" 4x 2" 1x 1" 10x .5" Addendum 4 modified slab conditions in imaging removing requirements for through slab for those imaging spaces.	Released during Bid Package 7 Group 1 Bidding
100	9. TC 26A907 bid form line 15, are we not to bid the scope of work shown in the 200 series of the electrical drawings?	Walsh	Line 15 was intended to be clear that interior lights for the fit out were not required. See the updated bid breakdown form. Line 15 has been updated to allow for scope referred to on the E200 sheets.	Released during Bid Package 7 Group 1 Bidding
101	10. TC 26A907 bid form line 16, is this not contrary to TC 26.A.7 items 34	Walsh	This was identified and corrected in Addendum 2.	Released during Bid Package 7 Group 1 Bidding
102	11. Plan detail notes call for electrical contractor to provide housekeeping pads. TC 26.a.7 item 53 says pads by others. Can we confirm which is correct.	Walsh	Pads to be provided by others.	Released during Bid Package 7 Group 1 Bidding
103	12. I can't find the stated capacity of the tower cranes. The project manual states "When the tower crane does not have the capability or capacity for a pick, Subcontractor will be responsible for hoisting." There are some large loads going into the Penthouse so we are trying to determine whether the tower crane will, A. have the capacity and B. still be available at the time the owner furnished gear shows up on site.	Walsh	Each tower Crane is planned as : Hammerhead cranes 245' Boom length. Approximate location per logistics plan 12000# capacity at 245'. Minimum single line speed - 300 FPM. Additionally a large construction hoist is going to be provided. the minimum size and capabilities of this hoist are as follows: Enclosed Platform – 22' Long X 12' Wide X 11' High. Capacity – 20,000 lb rated Speed – minimum 225 fpm. Travel – Level 00 to Level 8.	Released during Bid Package 7 Group 1 Bidding
104	13. TC 26A.7 6, F calls for a temp power allowance for modifications to the temp power but there's not an allowance included on the bid form that I can see.	Walsh	Bid Breakdown form is updated to now include a \$100,000 Allowance.	Released during Bid Package 7 Group 1 Bidding
105	14. Q&A addendum 5 item 91 mentions a sketch, but no sketch was included.	Walsh	This will be attached with Addendum 6. Pardon the omission.	Released during Bid Package 7 Group 1 Bidding
106	15. Can the bid date be extended.	Walsh	Bid date is extended but will not extend again. See addendum.	Released during Bid Package 7 Group 1 Bidding
107	Response log #14: What is the timeline from subcontract issuance until the engineered temporary drawings would be required. We don't have an in-house PE so this is something we will need to have quoted to us and time will obviously impact cost.	Walsh	The engineering of this is to occur as needed to support subcontractor's efforts for procurement and install of the temporary service. As temporary work it will not be sent for permit / AHJ review.	Released during Bid Package 7 Group 1 Bidding
108	Response log #18: Regarding temporary, can the specific AHUs desired be called out. There are multiple AHUs in the basement and penthouse. It wouldn't appear that the temp service will be sufficient to power them all.	Walsh	Previously answered. Project will adjust temp power planning based on procurement times of permanent electrical gear and services.	Released during Bid Package 7 Group 1 Bidding

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109	Response log #30: Is there a spec for the bus duct? I didn't see one with the original specifications and I'm not seeing that it was included with the addendum 2 specifications. I would assume the breakers on the bus will need to be part of the larger selective coordination and short circuit studies, do we need to carry anything for these studies, or will it be picked up with the main gear package?	AEI/ Walsh	Specification 26 2500 Enclosed Bus Assemblies is provided with the documents. However, after consideration of the likely impact to short circuit study and spec required coordination of bus duct and gear manufacturer the bus duct will be included as owner furnished. This supersedes prior direction via RFI	Released during Bid Package 7 Group 1 Bidding
110	Response log #51: This question was more geared towards the level of service from the provider, i.e. gig speed fiber connection versus 5G broadband connection. Depending on availability the providers cost could vary greatly for their aid to construction, and I don't want to include an option that ends up not being sufficient for the project. Who administers the wireless throughout the project.	Walsh	Walsh will administer the wifi. See other responses for other information.	Released during Bid Package 7 Group 1 Bidding
111	Response log #55: Do we exclude power to the fire smoke dampers added in addendum 1 or to all fire smoke dampers (there were some on the original issue set). Along this same line, in TC 26A.7, specific exclusion #2 excludes all branch circuiting downstream of panelboards. There are a lot of branch circuits included in the plans. I don't think the intent here is to exclude 100% of the branch circuitry included in the drawings but need clarification.	Walsh	Electrical subcontractor shall owe all conduit, wiring, circuitry per plans including the MEP equipment, site lighting, and fire dampers. Exclusion #2 was intended to refer to branch circuitry associated with Fit Out scope of work.	Released during Bid Package 7 Group 1 Bidding
112	Drawing E503 shows panel LLNPH2A but I can't find this panel designation on the riser	AEI	Panel LLNPH2A will be required and will be added to riser. Will require a 225A feed from LLNDH2A	Released during Bid Package 7 Group 1 Bidding
113	Drawing EM-700 shows panel LLEPHD1, but I didn't locate it. Should it be on drawing E300 detail 6 of room C004 (the transformer and subpanels it feeds are there)	AEI	Confirmed. Shall be located in C004.	Released during Bid Package 7 Group 1 Bidding
114	How many devices will be accessing the WIFI system at any given time? This will determine bandwidth requirements.	Walsh	Jobsite wifi – avg 300 client connections. Network can block traffic to some sites (such as social media). Assume a 1 GB service for wifi. A number of ISPs are active adjacent to this property as it was formerly homes. As an example - metronet shows service capability to addresses of recently demolished homes on University Ave. Bidders should not assume UK will provide internet connection to the site.	Released during Bid Package 7 Group 1 Bidding
115	Will the WIFI system access be limited to certain users and devices or open for general use?	Walsh	A guest network will be established.	Released during Bid Package 7 Group 1 Bidding
116	Please describe the intent for WIFI coverage areas per floor. RFI reply # 51 referenced each stair well, at skip hoist location, at each elevator bank, 1 additional huddle space, and 10 AP devices for 4 th floor break area. Will WAP devices be added at these locations for all building levels?	Walsh	All Levels for scope of each stair well, at skip, at each elevator bank, and a huddle space. Additional 10 devices on Level 4.	Released during Bid Package 7 Group 1 Bidding
117	Because WAP systems differ in technology types and signal strength; is the intent for 1 WAP per location to cover a small radius, requiring users to be within the noted area for access? Or should each floor have blanket coverage for a broader access range?	Walsh	Limited Range wifi. The objective is to have zones of coverage, not blanket coverage everywhere throughout every phase of construction.	Released during Bid Package 7 Group 1 Bidding
118	The RFI response #51 referenced "Service expectation is to allow support of minor IOT devices in the building and support use of tablets and phones for drawing review." Because the site will also have security cameras and TVs, will these devices also be accessing this system?	Walsh	Most jobsite cameras run on cellular data, but in concept, TVs and other IOT devices will be on the same network/service (part of the 300 client connections).	Released during Bid Package 7 Group 1 Bidding
119	Prior to the Temporary WIFI system scheduled active date, will the service provider conduits from the entrance facility to the telephone poles be installed and usable?	Walsh	ISPs are currently active directly adjacent to site and previously active on the project site with active service being provided along Elizabeth Street corridor.	Released during Bid Package 7 Group 1 Bidding
120	Who is paying for Wi-Fi monthly service?	Walsh	Subcontractor.	Released during Bid Package 7 Group 1 Bidding
121	Item 24, page 6 calls for main branches/pathways for IDF closets requirements including sleeves and risers for stacked IDF rooms. Are only SLEEVES required for IDF pathways?	Walsh	Provide for rough in, sleeves, and pathways, as shown on the drawings. Where drawings are silent provide sleeves connecting stacked IDF rooms.	Released during Bid Package 7 Group 1 Bidding
122	Item 25, page 6. Will an exterior ground loop and/or ground rods be required for lightning protection? The drawings only call for ground loop under building slab. Please provide detail if lightning protection is to terminate to under slab ground loop.	AEI	Confirmed Lighting protection to be connected to counterpoise as indicated on Sheet E710	Released during Bid Package 7 Group 1 Bidding
123	Item 52, page 8. Please clarify scope of "commission" OFE.	Walsh	Commissioning in this instance is referring to startup and testing of equipment as referenced in the project specifications.	Released during Bid Package 7 Group 1 Bidding
124	Item 52, page 8. Will OFE equipment be delivered and stored onsite if received prior to setting in place? If offsite storage is required, for how many months?	Walsh	Plan for Just in Time Delivery for owner provided equipment.	Released during Bid Package 7 Group 1 Bidding
125	Item 64 calls for enough fuel for a complete testing as required. Please confirm final fill up after testing is by others.	Walsh	Confirmed.	Released during Bid Package 7 Group 1 Bidding
126	What is the projected award date?	Walsh	Following receipt of bids, scope discussions will be scheduled immediately based on the critical path of the project. Recommendations for award will flow from those to UK. Walsh would target late July for key packages based on timely meetings and approvals.	Released during Bid Package 7 Group 1 Bidding
127	We have not seen on any drawings, the lifting capacity of the Tower Crane. Can this be provided?	Walsh	See other RFI response on tower crane planned capacities.	Released during Bid Package 7 Group 1 Bidding
128	In the marked-up riser provided in addendum 2 showing owner furnished versus contractor furnished, many of the surge units were left white indicating they are to be contractor furnished. Can we get confirmation that this is the intent?	Walsh	Surge Devices will be provided with the owner equipment, this was an oversight on the riser diagram.	Released during Bid Package 7 Group 1 Bidding
129	Are any louvers to be provided by the mechanical subcontractor	Walsh	All exterior facing louvers are to be provided by metal panel subcontractors. Mechanical Subcontractor is to provide all connections to louvers and all active components, where applicable.	Released during Bid Package 7 Group 1 Bidding
130	There is reference in the mechanical scope of work for ongoing maintenance. Is the maintenance related to all mechanical equipment or just the mechanical equipment provided by the subcontractor?	Walsh	Mechanical subcontractor will maintain the owner furnished contractor installed mechanical equipment that is used during the course of construction, such as the AHUs.	Released during Bid Package 7 Group 1 Bidding
131	It has come to our attention that the 2500UT basis of design system is not a good fit for the project and Kawneer has suggested the 1600UT system which has been the basis of design for other buildings at UK. Please Advise if 1600 UT will be acceptable	Champlin / HGA	A revised curtain wall specification will be provided in Group 2 – Addendum #1. Per revised specifications, an option for (CW-1) to be constructed of a field-fabricated (stick-built) system will be provided, pending confirmation that mullion sightlines are consistent between adjacent unitized and field fabricated systems and that performance between these systems is consistent per specified requirements. (CW-2) system shall remain fully-unitized.	Released as part of BP7 Group 2 bidding.

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132	1. Detailing within the arch's indicate a desired overall system depth of 10". The captured 2500UT system has a standard depth of 7 1/2". Some custom dies do exist for the system but none that would match that aesthetic.	Champlin / HGA	The depth of the system shown in the architectural details is based upon preliminary span analysis, but final mullion depth is to be determined by the curtain wall fabricator's engineering. Note that any adjustments to mullion depth shall be applied consistently to all (CW-1) locations.	Released as part of BP7 Group 2 bidding.
133	2. The 2500UT system was designed primarily to address projects with high thermal requirements or that needed the aesthetic of a 4 side SSG look. Provisions for deep covers or the support of sunshades are not provided within the standard system. Customization to the chassis to accept those features typically result in an increased sightline of 3" and a reduction of the advertised high thermal values.	Champlin / HGA	The curtain wall system shall provide the design aesthetic as indicated in the construction documents. It is acceptable for the mullion width to be increased to 3" if required to meet the loads and/to provide support for the sun shade. Note that any revisions to mullion sitelines/width shall be applied consistently to all (CW-1) locations. Per forthcoming specification revisions in Group 2 – Addendum #1, curtainwall engineer shall provide detailed performance information and analysis for atypical curtainwall configurations such as the points of sunshade support. All such connections shall be thermally-broken per specifications.	Released as part of BP7 Group 2 bidding.
134	3. The arch's show spans of 20' at the South and East elevations of the project. The calculated wind load based on project requirements was 41 PSF and the vertical module spacing at those 20' spans was 48". The standard 7 1/2" deep 2500UT chassis, reinforced with steel, will not make those spans based on the loading requirements and the vertical mullion spacing. The maximum span for the standard system at loading would be between 15' to 16' as shown in the chart below. There are no existing dies for the system that will meet these requirements. (Wind load charts can be found in the Architectural Detail Manual for the product which is available for download from our website)	Champlin / HGA	If necessary, the curtain wall at the lobby may need to be deeper than 7 1/2". The architectural details indicate 10" based upon preliminary calculations. Confirmation of specific locations needed - curtainwall design for (CW-2) system has assumed heights limited to roughly 16'-0" (a single story) with stack joints and either lateral bracing at the slab edge - such as at the Southeast corner on levels 1 and 2 - or via a girt - such as at the primary lobby areas.	Released as part of BP7 Group 2 bidding.
135	We are submitting AIR-SHIELD™ LSR Liquid Membrane Air/Vapor and Liquid Moisture Barrier for your consideration. Please confirm if this is an acceptable product.	Champlin / HGA	This product has been approved and has been added as an acceptable manufacturer in Group 2 – Addendum #1.	Released as part of BP7 Group 2 bidding.
136	Requesting to be given " or equal" for bidding of the brick materials as follows DIVISION 42000, 2.6 BRICK (FBR-1AB, FBR-2, FBR-3) A.Qualifies as Indigenous Material B.Not possible for this type of brick C.Qualifies D.Qualifies- ASTM C216, grade SW, Type FBX D 2-6 Qualifies as follows BELDEN BRICK, CANTON OHIO, MANUFACTURED SUGAR CREEK OHIO 7a FBR-1A Beige, Smooth, Matte/Velour Finish, Color: Custom 2 part blend of Acadia (67%) and 8532 (33%) 7b.FBR-1B Beige, Texture, Scratch Finish; Color: Custom 2-part blend of Acadia (67%) and 8532 (33%) 7c. FBR-2; Terracotta: smooth, Matte/Velour Finish: Color: Custom 3-Part blend of 40% Indian Red F/G, 40% Royalty Red F/G, 20% 8621 F/G 7d. FBR-3; Dark Terracotta: Matte/Velour Finish: Color; 8621 F/G	Champlin / HGA	Responses to your questions are outlined herein in Red: Requesting to be given " or equal" for bidding of the brick materials as follows DIVISION 42000, 2.6 BRICK (FBR-1AB, FBR-2, FBR-3) A.Qualifies as Indigenous Material B.Not possible for this type of brick Noted. This is acceptable C.Qualifies D.Qualifies- ASTM C216, grade SW, Type FBX D 2-6 Qualifies as follows BELDEN BRICK, CANTON OHIO, MANUFACTURED SUGAR CREEK OHIO 7a FBR-1A Beige, Smooth, Matte/Velour Finish, Color: Custom 2 part blend of Acadia (67%) and 8532 (33%) Proposed colors are not approved. 7b.FBR-1B Beige, Texture, Scratch Finish; Color: Custom 2-part blend of Acadia (67%) and 8532 (33%) Proposed colors are not approved. 7c. FBR-2; Terracotta: smooth, Matte/Velour Finish: Color: Custom 3-Part blend of 40% Indian Red F/G, 40% Royalty Red F/G, 20% 8621 F/G The following Belden product will be noted as acceptable for (FBR-2) in forthcoming revisions to 042000 in Group 2 – Addendum #1: VELOUR FINISH; COLOR: REGAL BLEND 7d. FBR-3; Dark Terracotta: Matte/Velour Finish: Color; 8621 F/G The following Belden product will be noted as acceptable for (FBR-3) in forthcoming revisions to 042000 in Group 2 – Addendum #1: VELOUR FINISH; MIX OF 50% BISMARK DARK AND 50% REGAL BLEND (PRE-SORTED TO REMOVE THE LIGHTEST COLOR IN THIS RANGE).	Released as part of BP7 Group 2 bidding.
137	I'd like to submit for your review a substitution request for the specified Metalworks Torsion Spring panels found in section 095421 - Metal Pan Ceilings. I've attached a completed substitution request and the corresponding product documents from CertainTeed Architectural.	Champlin / HGA	This RFI is not applicable to Group 2 Enclosure scope.	Released as part of BP7 Group 2 bidding.
138	Trade Category 09A.7 Framing 5.1 states that subcontractor shall use union carpenters. This is not listed in any of the other trade categories. Please confirm if the 09A.7 subcontractor must use union carpenters.	Walsh	Bidding requirements are per the applicable portions of the Kentucky Model Procurement Code. Additional requirements are included in Contractor's previously distributed form Subcontract Agreement.	Released as part of BP7 Group 2 bidding.
139	Spec 084413 includes acceptable manufacturer's and Glass Solutions is requesting that our system be reviewed and allowed as an acceptable manufacturer and fabricator as we self manufacture our system. This unitized curtain wall system is being used on the upcoming UK Health Education Building.	Champlin / HGA	Glass Solutions substitution request for and supporting product data has been reviewed and is approved.	Released as part of BP7 Group 2 bidding.

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140	Material Tag INSUL-30 does not appear on the drawings while there are details that call for spray insulation with no material tag. Please clarify if INSUL-30 is used on the project and clarify which spray foam material is to be used where there is no material tag	Champlin / HGA	Correct - (INSUL-30) is not currently noted for use on the architectural drawings. Where noted on drawings and at locations where spray foam insulation is intended to function as the exterior air and vapor barrier, spray foam insulation shall refer to (SPF-1). Examples include the bottom structure of the pedestrian walkway and the top-of-curtainwall condition at Area C. however, st contractor's option, (INSUL-30) could be utilized in lieu of the mineral wool batt insulation (INSUL-24) at selective opening or penetration locations for air-tightness.	Released as part of BP7 Group 2 bidding.
141	Is there an updated Schedule? Current schedule dated 6/27/24 shows façade package NTP on 9/16 (Bid Date is 9/17).	Walsh	Utilize the current schedule. Start of core and shell structural dates are holding with the delay in group 2 bid timeline.	Released as part of BP7 Group 2 bidding.
142	Spec calls for a performance mockup, but is not included in the schedule. Based on current schedule, it does not appear there will be enough time to fabricate a performance mockup and hit the field for façade install end of 2025.	Walsh	Glazing for mockup to be expected in March/April of 2025. Subcontractor should account for any costs to meet this date.	Released as part of BP7 Group 2 bidding.
143	Ref Drwg A459.6/2 & A473.E/3; Spec 074213.13 describes MP-4 as a corrugated metal panel. Drwg A459.6/Dtl 3 it appears that MP-4 as corrugated however on A473.E/ Dtl 3 this same panel is labelled MP-4 Painted Composite Metal Panel. Please confirm what material is correct.	Champlin / HGA	(MP-4) shall be corrugated metal panel, in custom color to match (MP-2). Centria BR5-36 corrugated rainscreen or approved equal by Pac Clad or Holcim Elevate; Prefinished Aluminum; Finish: 3-coat PVDF in custom color to match (MP-2); Duraguard Plus or approved equal. Detail 3/A473.E is incorrect and should note (MP-2) - revised drawings will be issued in forthcoming addendum.	Released as part of BP7 Group 2 bidding.
144	Ref Drwg A477.A/Dtl 5; the copings are identified as 18 ga zinc to match MP-1 Spec section 077100 para. 2.2 identifies copings to be aluminum with mica finish. Are the copings at the MP-1 Zinc Panels fabricated in Zinc sheetmetal to match the wall panels or are the coping to be aluminum with 2 coat mica finish?	Champlin / HGA	Copings at (MP-1) locations are intended to be (SMF-4), fabricated of zinc to match (MP-1). Note: sloped coping plate in this detail is also intended to be fabricated of zinc material - see (SMF-5). Revised drawings will be issued in forthcoming addendum to clarify.	Released as part of BP7 Group 2 bidding.
145	Ref Drwgs A300/Dtl 5 & A424/Dtl 4; A305/dtl 5 refers to the soffit panel as MP-2 Aluminum Composite however drwg A424/ dtl 4 labels the soffit panel as SPP-1 Phenolic Panel. Please identify the correct material for this soffit.	Champlin / HGA	Detail 4/A424 is incorrect - this material should be (MP-2). Refer to view 6/A300 and views 3 & 4/A425 to clarify the extents of MP-2 and SPP-1 on the underside of the pedway. A revised drawing will be issued in forthcoming addendum.	Released as part of BP7 Group 2 bidding.
146	Ref Drwg A429/dtl 1, A421/dtl 3, A424/Dtl 1; There appears to be a conflict designating the MP type to be used for this pedway soffit. It is variably identified as MP-2, MP-2/MP-1, and MP-3 depending on the drawing reviewed. Please identify the MP- type desired for this soffit.	Champlin / HGA	Refer to view 6/A300 and views 3 & 4/A425 to understand the extents of MP-2 and SPP-1 on the underside of the pedway. Revised Drawings will be issued in a forthcoming addendum	Released as part of BP7 Group 2 bidding.
147	Specification 084413 calls for a split finish and that the exterior finish is to be a custom anodized finish. Can the architect provide additional information on the custom anodized finish as many finishers will not provide a custom anodized finish due to the inconsistency from batch to batch?	Champlin / HGA	Architect will provide control sample for exterior custom anodized finish to awarded contractor(s). Bidders/Manufacturers/Fabricators can also furnish samples of dark and medium gray anodized color ranges for architect review and approval.	Released as part of BP7 Group 2 bidding.
148	Does the architect have a paint number/color for the interior finish, as specification 084413 calls for a custom color?	Champlin / HGA	Architect will provide a RAL number or Sherwin Williams colormatch number after bidding. Note that it will not be a metallic paint color.	Released as part of BP7 Group 2 bidding.
149	Can the architect confirm that the louvers on sheet A404, Level 00 tagged "L05" and "L06" are the correct tags as it seems like these should be types "L03" and "L04"	Champlin / HGA	These two louvers are tagged incorrectly, and should instead be tagged L4 and L5, respectively - A revised drawing will be issued in forthcoming addendum.	Released as part of BP7 Group 2 bidding.
150	A louver is shown on sheet A407 between column lines N and P without a tag, nor is it represented on A492 - can the architect advise what louver type this and if it is active or not?	Champlin / HGA	This is a louver-clad hinged door for roof access. Refer to 1/A478.C and 3/A478.C for additional information. Additional architectural detail will be provided in forthcoming addendum. Louver Clad hinged doors to be included with in TC07F7 Metal Panels.	Released as part of BP7 Group 2 bidding.
151	A louver is shown on 4/A410 but does not have a tag nor is it included on sheet A492 - is this a fixed louver and if so, what louver type is this and is it active?	Champlin / HGA	The design intent is for this to be a louver mounted to the face of an exterior insulated hollow metal door. Additional details will be issued in a forthcoming addendum	Released as part of BP7 Group 2 bidding.
152	A louver is shown on 6/A410 with tag L16, but is not shown on sheet A492, can the architect advise what louver type this is?	Champlin / HGA	Noted. This louver type will be added to sheet A492 in forthcoming addendum. Nominal size is 13'-6"W x 3'-6". Note: this louver is intended to function as pressure release during MRI quench, and will need to be coordinated with concealed/recessed plenum box behind.	Released as part of BP7 Group 2 bidding.
153	Can the architect confirm that the louvers shown on the W73 and W92 window type (23/A491 & 19/A491) is to be LVR-2 or should these be LVR-3 (4" deep) since they are being glazed into the curtain wall system?	Champlin / HGA	It appears these referenced louvers are correctly noted as (LVR-2). Louvers which are glazed into the curtain wall system shall be 4" depth. Drawings and specifications will be revised in a forthcoming addendum. Louvers glazed into the Curtain Wall shall be picked up by TC08E7 Glass and Glazing. Other Louvers not glazed into the curtainwall are picked up as noted in TC07F7 Metal Panels.	Released as part of BP7 Group 2 bidding.
154	The following window types are listed on the window schedule (A490-A495): W9, W10, W43, W51, W53, W88, and W87 - can the architect confirm that these are not on the building as we cannot find them?	Champlin / HGA	W9 and W10 are incorrectly tagged as W93 and W94 on A409. W43 is redundant and matches W40 - it will be removed from A490. W51 was removed in Group 2 Addendum 2. W53 is incorrectly tagged as WX1 on A408 and A410. W87 tag is missing from 4/A493. W88 tag is missing from 3/A493. Revised drawings will be issued in forthcoming addendum.	Released as part of BP7 Group 2 bidding.
155	The following window types are on the building elevations but not on the window schedule (A490-A495): WX1, WX0, W93 and W94 - can the architect confirm these types are correct?	Champlin / HGA	WX1 is incorrectly tagged, and should be W53. WX0 will be revised to and added to sheet A490. W93 and W94 are incorrectly tagged, and should be W9 and W10, respectively. Revised drawings will be issued in forthcoming addendum.	Released as part of BP7 Group 2 bidding.
156	Is the Cone shaped extrusion to be part of the Curtain Wall system as shown on detail 4/A474.A? How is this going to work with the curtain wall system stopping below the cone extrusion as there is nothing supporting/attaching to it?	Champlin / HGA	The cone shaped extrusion is intended to be a "False snap cover" to be provided by the curtain wall contractor. It is assumed that this cover will be field-applied and primarily supported by being attached to the snap covers of the mullions at the jamba on either end. It may also have a leg which extends down and is secured over the real snap cover on the mullion.	Released as part of BP7 Group 2 bidding.

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157	What is the purpose of the 4" of insulation shown on detail 4/A474.4 (and multiple others), is this for building movement?	Champlin / HGA	There is typically a 4" offset from the back of curtain wall framing to edge of slab to allow for a side attachment of the curtain wall anchors rather than top mounting the curtain wall anchors. Side mounting is preferred over top mounting to avoid needing slab blockouts to recess top mounted anchors. The gap must be closed off with a perimeter fire containment system per code. Perimeter Fire safing is carried with TC09A7 Framing	Released as part of BP7 Group 2 bidding.
158	Specification 084413-2.1-I-5.a calls for condensation resistance with a temperature swing of 70 degrees to -25 degrees with 72 degree interior temp and 30% RH - I do not believe there is a system designed that can achieve these parameters especially with the sunshades, custom exterior profiles and glass types given. Can the architect confirm these parameters are correct?	Champlin / HGA	Temperature ranges have been updated in the specification updated with this addendum.	Released as part of BP7 Group 2 bidding.
159	Specification 084413-2.2A calls that all components to be sourced from the same manufacturer including the curtain wall, spandrel panels (assuming glaze in metal panels or the backpans), venting windows, entrances, sun control devices and accessories. No supplier/manufacturer provides all these parts and pieces, will the architect allow different suppliers for the different phases of the curtain wall?	Champlin / HGA	It is acceptable for sun shade components, glazed in metal panels, louvers, and operable doors, to be supplied to the curtain wall fabricator by separate manufacturer's, but the product data is all to be included under the same submittal, detailed on the same shop drawings, and installed by the same contractor. The overall system performance shall also take into account all of these products together and not evaluated separately. Additionally, they should all have the same finish and not submit separate finish samples per component and shall all be warranted as a single system.	Released as part of BP7 Group 2 bidding.
160	Hardware Set CS-9.0 in specification 087100 calls for (1) Concealed Vertical Rod exit device but door B000N.2 is a pair of doors, can the architect advise what type of CVR exit device they want for the inactive door?	Champlin / HGA	Exclude this door from the Bid. This will be procured in a future package.	Released as part of BP7 Group 2 bidding.
161	Please confirm absence of a project labor agreement or union requirement to bid this project.	Walsh	At this time, there is not a project labor agreement for the project. Bidding requirements are per the applicable portions of the Kentucky Model Procurement Code.	Released as part of BP7 Group 2 bidding.
162	I wanted to reach out and see if there is any possibility of extending the bid date on the UK CTC and AAC project. I sent project information to my metal suppliers right after receiving the invite, and subsequently sent the updated specs in Addendum 1, and was told by Kawneer who is the basis of design for the curtain wall, they would not be able to provide me a number until the end of September. I also spoke to our rep for Wausau/EFCO and they had concerns as well. I'm not sure we have time to submit a substitution request in order open it up to other suppliers and still get it quoted properly. Any flexibility would be appreciated, and would allow us to provide the most competitive and accurate number possible.	Champlin / HGA	See the addendum documentation for potential bid push. The goal is to maintain if possible.	Released as part of BP7 Group 2 bidding.
163	Please find our substitution request enclosed as well as supporting documentation & test reports in the link below. Since the Basis-of-Design for MP-1 is Alpolic and the Basis-of-Design for MP-2 & MP-3 is Alucobond, I have included product data for both. Feel free to contact me if you have any questions. Thanks.	Champlin / HGA	Based on the additional information provided, AMNA is an approved fabricator for the composite metal panels	Released as part of BP7 Group 2 bidding.
164	when I look at the drawings, while there are a ton of references to the door schedule, I can't find a door schedule.		The door/ Opening schedule is on sheet A700. Interior permanent doors, such as on stair wells and electrical rooms, are not part of any BP7 Group 2 Package. The only doors included in any of the Trade Categories are exterior doors.	Released as part of BP7 Group 2 bidding.
165	Is foamed in place insulation actually called for on the project?	Walsh	Foamed in place insulation is part of the project. It will be carried in Trade Category 07A7 Waterproofing and AVB.	Released as part of BP7 Group 2 bidding.
166	Do you know if Walsh is planning on installing the anchors with another steel erector and we would just be supplying the materials, or did you want us to quote field labor as well?	Walsh	Fall Protection anchors are to be supplied by the fall protection subcontractor and installed by the concrete subcontractor or the steel subcontractor. Lifelines and testing / certification to be by the fall protection subcontractor.	Released as part of BP7 Group 2 bidding.
167	What is the top of the footing for the tower cranes?	Walsh	See Sketch attached to the addendum. Top of footing for the North Tower Crane should be assumed to be 968'. Top of footing for the south tower crane should be assumed to be 970'	Released as part of BP7 Group 2 bidding.
168	What are the required elevations of the tower cranes?	Walsh	See Sketch attached to the addendum. Approximately 30' above the	Released as part of BP7 Group 2 bidding.
169	Is there a utilization matrix for the tower cranes?	Walsh	See additional documents with this Addendum	Released as part of BP7 Group 2 bidding.
170	You have 2 coiling fire rated doors & 1 fire counter shutter. There are no fire door specs, so we are just going to bid fusible links only. You won't be able to interface those doors with the building fire alarm".	Walsh	This is not being bid with this package and will be included in a future bid package	Released as part of BP7 Group 2 bidding.
171	TC01A.7: Bid Form page 12. Unit Price for Extra Sweep. Please clarify what the unit is. A day?	Walsh	Hour	Released with BP7 Group 3.

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172	TC01A.7: There is reference to Union Carpenters in various locations of the bid documents. Please confirm that Union labor is not required on this project and this is a non-prevailing wage project.	Walsh	References in the contracts including "Subcontractor shall provide union carpenters for the project," or similar union requirements are removed. KRS 45A.488(1) states: A public agency awarding a contract for a public works project shall not in the bid specifications, project agreements, or other contract documents: (a) Require or give preference to a bidder, offeror, or contractor in any contractor tier to enter into or adhere to an agreement with a labor organization relating to the public works contract or any other public works project; or (b) Prohibit a bidder, offeror, or contractor in any contractor tier from entering into or adhering to an agreement with a labor organization relating to the public works project or any other public works project." 45A.488(3) also states that nothing in 45A.488(1) shall "prohibit a contractor in any contractor tier from voluntarily entering into or complying with an agreement entered into with a labor union in regard to a contract with a public agency or funded in whole or in part from a grant, tax abatement, or tax credit from a public agency."	Released with BP7 Group 3.
173	TC01A.7: Exhibit B.2 #28. - For the (5) dedicated laborers, can these individuals be responsible for the following scopes: <i>Meaning the intention is NOT to use separate labor to accomplish the following tasks</i>	Walsh	Laborers can perform items 10, 12, 14, 17, 20, 22, 25, 41, 42, 48, 50.	Released with BP7 Group 3.
174	#4. Toilet stocking and cleaning, sink stocking and cleaning, relocation of toilets and sinks as needed, management and cleaning of adjacent trash cans.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
175	#5. The cleaning, maintaining and stocking of temp restrooms on Levels 4, 7 or 8.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
176	#6. The cleaning and maintenance of the breakrooms and the daily emptying of associated trash cans	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
177	#10. Dismantle of the site fence when directed by CM.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
178	#12. Labor for street sweeping, dust control and mud control for 24 months. 12.a. also included.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
179	#14. Labor to install temporary signage. Including maintenance and relocation.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
180	#17. Weed eating and mowing.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
181	#18. Maintenance and inspection.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
182	#19. Cleaning of CM trailer complex. Is Walsh requiring a professional cleaning or can this be provided by these 5 laborers?	Walsh	Professional cleaning company	Released with BP7 Group 3.
183	#20. HVAC filter replacement labor.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
184	#22. Maintenance of wheel wash stations and track mats.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
185	#25. Opening and locking of jobsite each day.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
186	#41. Overhead protection installation.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
187	#42. Install of prefinished shelving.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
188	#48. Temp protection.	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
189	#50. Jamb protection for HM doors	Walsh	See Response to item 173 above.	Released with BP7 Group 3.
190	TC01A.7: #4. How many hand washing stations are expected? Please confirm quantity.	Walsh	Six	Released with BP7 Group 3.
191	TC01A.7: #6. Please clarify expectation of these cubbies or shelves to accommodate two hundred people. Are they cubbies with a door and lockable? Is it a shelf with heavy duty brackets?	Walsh	Open cubbies, no doors, no locks. Basic storage cubbies, heavy duty.	Released with BP7 Group 3.
192	TC01A.7: #11. Are we to include dismantling of the snow fence when directed by CM?	Walsh	Yes	Released with BP7 Group 3.
193	TC01A.7: #12. Is a water truck or water trailer required for site dust control? For all 24 months?	Walsh	Yes, as required.	Released with BP7 Group 3.
194	TC01A.7: #15. Is this signage what is referenced in #14.?	Walsh	In regards to furnish, install and maintenance, yes. Item 15 is additional signage required.	Released with BP7 Group 3.
195	TC01A.7: #26. Are these turnstiles for individual person access and #49 is for vehicle access?	Walsh	Individuals. BOD: Field Control Analytics Turnstiles and Badging. Carry a budget of \$175,000 for all scope for TC01A7 #26.	Released with BP7 Group 3.
196	TC01A.7: #28. Please confirm the quantity is (6) or (5) laborers. Please also confirm the duration (24 months?).	Walsh	Average of Five laborers. Duration Confirmed.	Released with BP7 Group 3.
197	TC01A.7: #29. Please confirm what a "K-rail" is? Is it a concrete barrier?	Walsh	Yes	Released with BP7 Group 3.
198	TC01A.7: #35. Do these ladders require platforms?	Walsh	No. Type 1A ladders required though.	Released with BP7 Group 3.
199	TC01A.7: #40.a.vi. Bags of Portland. Please clarify what is required and how many?	Walsh	1 per kit.	Released with BP7 Group 3.
200	TC01A.7: #46. Spec section 014339 details "integrated mockups". Are "non-integrated mockups" anticipated? Can you please identify them so we know what we are disposing of?	Walsh	This item is for the stand alone mock-up in the Contract Documents.	Released with BP7 Group 3.
201	TC01A.7: #51. Please clarify if we are to plan to demolish and haul off the existing wooden fence, or relocate? Both are very different in scope.	Walsh	Disregard item. Scope is no longer applicable.	Released with BP7 Group 3.
202	I wanted to reach out to verify if the general trades scopes would be bidding in this project. The division 8 and division 10 specifications have been released but our divisions don't seem to be included in what is currently bidding. The project schedule included also lists our DFH as being issued for bidding between September 30 th and October 28 th . Please advise.	Walsh	Div 8 and 10 are not bidding with this package.	Released with BP7 Group 3.
203	Are combination bids going to be accepted for bidding on multiple packages?	Walsh	No. No additional combination trade categories will be issued.	Released with BP7 Group 3.
204	TC32 A.7 Section 7 item 1 historic mix sidewalks - please clarify the extent of areas to receive historic mix and finishes	Carmen	While it is in the spec, there are no areas designated with the historic mix.	Released with BP7 Group 3.
205	Please clarify the difference between Type A and Type B pavement, both are described by the same detail 6/L800	Carmen	The Type A is standard concrete as identified in specification section 321313 and Type B is specialty concrete as identified in specification section 321320. Refer to 321320-2.3F	Released with BP7 Group 3.

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206	TC32A.7 Section 7 item# 2 states stone base is by concrete pavement contractor, item 45 states subgrade is installed by earthwork contractor but fine grading within 1/10 is concrete contractor. Section 8 item #4 states that subgrade stone and rough grading is excluded by concrete subcontractor. Please clarify the intent of the scope.	Walsh	Earthwork subcontractor is responsible to provide subgrade including stone base under all paved areas (asphalt and concrete) to +/- 1/10". Touch up or fine grading beyond that is responsibility of the paving (asphalt or concrete) subcontractors.	Released with BP7 Group 3.
207	TC32 A.7 section 7 item #46(a) mentions air vapor barrier. It is unclear how this relates to the site concrete scope. Please Clarify.	Walsh	If no vapor barrier is required per details or spec this is item can be considered void.	Released with BP7 Group 3.
208	TC32 A.7 section 7 item #46 states that concrete pavement contractor should furnish bollards. Section 8 item #2 states that concrete pavement contractor should exclude furnishing bollards. Please clarify intent.	Walsh	Concrete contractor shall install bollards provided by others.	Released with BP7 Group 3.
209	Please clarify the scope responsibility of exterior concrete seat walls, CIP stairs, architectural retaining walls. Are these included in TC32A.7 scope? Is there any vertical concrete in TC32a.7?	Walsh	Exterior Concrete seat Walls: Vertical Concrete Sub TC03A7. Site CIP Stairs: Vertical Concrete Sub TC03A7. Architectural Retaining Walls: Vertical Concrete Sub TC03A7. Vertical Concrete in TC32A: No this is by the Vertical Concrete Subcontractor TC03A7.	Released with BP7 Group 3.
210	Is the med gas pad included in TC32A.7 scope?	Walsh	Yes.	Released with BP7 Group 3.
211	Are the footings beneath landscaping boulders included in the TC32A.7 scope?	Walsh	Yes. where concrete footings are required under boulders, this will be by TC32A7 Concrete Paving.	Released with BP7 Group 3.
212	Which scope is responsible for providing and installing the trench drain located in the service drive "Area 3", in vehicular concrete paving?	Walsh	Trench drains are by site utility contractor. Concrete contractor to coordinate with them for proper installation. Concrete that enters the trench drain during concrete pour to be removed by the concrete subcontractor.	Released with BP7 Group 3.
213	Landscape Concrete Finishes Spec 32 13 20 is not included in TC32A.7 section 1 specification description. Is this intended to be included with TC32A.7?	Walsh	Yes, this spec should be part of the TC32A7 Concrete Paving Scope.	Released with BP7 Group 3.
214	Are the raised garden bed concrete walls, drain pipe, and backfill included in TC32A.7?	Walsh	Concrete above roof at raised garden to be by TC32A7. Electrical connections for lighting by Electrical subcontractor. All other scope, wood cladding, irrigation, drainage pipe, irrigation, soil, filter fabric, etc is to be by TC32E7 Landscaping Contractor.	Released with BP7 Group 3.
215	Sheet L300.2 depicts a ~35' section of sidewalk pavement along limestone street with the hatch corresponding to "med gas pad" - please clarify the intent of these area	Walsh	The intent of this area is that section of concrete paving is to follow the detail for the Med Gas Pad (19/L800). This location is a planned location for long term use of cranes for delivery of medical equipment and other owner items after the construction is complete.	Released with BP7 Group 3.
216	Please clarify the schedule durations and timeframe for Area 3 Access Drive site concrete pavement	Walsh	The Permanent loading dock area shown in Area 3 is to be paved in June/July 2026. The access area drive to the parking garage is out of scope for this project and is part of the garage scope.	Released with BP7 Group 3.
217	TC01A.7: #21. Please specify if the light towers need to be battery or diesel powered.	Walsh	Either	Released with BP7 Group 3.
218	TC01A.7: #24. Are these picnic tables to be plastic? Are they to be round or rectangular?	Walsh	Rectangular, steel and/or wood	Released with BP7 Group 3.
219	TC01A.7: #40. What size Gang Boxes are required? They vary greatly in price depending on the size.	Walsh	4'x2'x2'	Released with BP7 Group 3.
220	Does the C.M. intend to bid for self-performance of any trade package?	Walsh	No	Released with BP7 Group 3.
221	TC-01A.7- Scope includes durations of 12, 24, & 36 months. For bidding purposes, please state contract duration for this bid package.	Walsh	Please follow specified durations for individual items listed in the scope.	Released with BP7 Group 3.
222	TC-017A.7- What is the estimated start date/mobilization for this bid package?	Walsh	Rental periods to be assumed in November 2024 Scope items will vary in start date depending on schedule.	Released with BP7 Group 3.
223	TC-017A.7 Scope #3: What is considered a "convenience dumpster"? Trash cart, hopper, 10-yard dumpster?	Walsh	(2) 3 Yard dumpsters or 10 yarder	Released with BP7 Group 3.
224	TC-017A.7 Scope #3: Does the logistics plan match the maximum amount of dumpsters to be on site at any time?	Walsh	4 - 40 yarder dumpsters to be considered typical. Dumpster subcontractor to be responsible for requirements related to all tracking of materials for the LEED Construction Waste Management credits. If this necessitates additional dumpsters then they should be included.	Released with BP7 Group 3.
225	TC-017A.7 Scope #4.a: Should all bidders include (25) toilets per day rather than "average", which is left to interpretation?	Walsh	Walsh does not view "average of" as ambiguous or left to interpretation. It is intended to allow for flexibility of the changing requirements of the jobsite. An average of 25 toilets per day equates to 2600 weeks of toilets.	Released with BP7 Group 3.
226	TC-017A.7 Scope #6: In order to properly design & determine materials, what is the intended use of "cubbies"?	Walsh	Open cubbies, no doors, no locks. Basic storage cubbies, heavy duty.	Released with BP7 Group 3.
227	TC-017A.7 Scope #6: Please state rental duration of chairs and tables.	Walsh	24 months	Released with BP7 Group 3.
228	TC-017A.7 Scope #8: Please clarify vehicular gates sizes.	Walsh	20' Rolling gate	Released with BP7 Group 3.
229	TC-017A.7 Scope #8: Please clarify if gate is rolling swing or cantilever (wheels on ground), or sliding cantilever (no ground contact wheels)	Walsh	Rolling	Released with BP7 Group 3.
230	TC-017A.7 Scope #14/#15: Are these items to be included in addition to Allowance #3?	Walsh	Items 14/15 are base scope. The Allowance is in addition to this base scope.	Released with BP7 Group 3.
231	TC-017A.7 Scope #19: Are these items to be included in addition to Allowance #4?	Walsh	Item 19 is base scope. The Allowance is in addition to this base scope.	Released with BP7 Group 3.
232	TC-017A.7 Scope #19: Please provide quantity of restrooms (stalls & sinks) at the CM Trailer Complex.	Walsh	3 Urinals, 7 stalls, 8 sinks. There are an additional 2 sinks in casework that should be accounted for as well.	Released with BP7 Group 3.
233	TC-017A.7 Scope #21: Should all bidders include (4) light towers per day rather than "average of", which is left to interpretation?	Walsh	Walsh does not view "average of" as ambiguous or left to interpretation. It is intended to allow for flexibility of the changing requirements of the jobsite. An average of 4 light towers for 24 months equates to 416 weeks of light towers.	Released with BP7 Group 3.
234	TC-017A.7 Scope #26: Please verify rental of 36 months if TC-017A.7 contract is only 24 months.	Walsh	No, scope items vary. Follow lengths specified.	Released with BP7 Group 3.
235	TC-017A.7 Scope #26: Are (5) turnstiles to be a individual units, single (5) entry point unit, or several 1 or 2 entry point units?	Walsh	See RFI Log Item 195	Released with BP7 Group 3.
236	TC-017A.7 Scope #26: Will power to turnstiles for access control & video monitoring be provided by others?	Walsh	See RFI Log Item 195	Released with BP7 Group 3.
237	TC-017A.7 Scope #26: Will turnstiles remain in the same location until completion of contract? To be removed at contract completion?	Walsh	Yes and yes.	Released with BP7 Group 3.
238	TC-017A.7 Scope #26: For bidding purposes, please estimate number of badges required as many companies have unit price per badge.	Walsh	1250. Refer to RFI log item 195	Released with BP7 Group 3.
239	TC-017A.7 Scope #26: Is the "badge print system & software" to be included in addition to Allowance 6?	Walsh	Yes	Released with BP7 Group 3.

Bid Package 07 - Core and Shell Group 5 Landscaping				
Question and Response Log				
Responses As Of: 05/07/2025 @ 8:00 AM				
Through RFI # 258				
#	Question	Responder	Response	Release
240	TC-017A.7 Scope #28: "Average of" is ambiguous and will lead to bidders not providing equal numbers of laborers. Please clarify if (5) five or (6) six laborers are needed. Please state number of work week hours and duration required, as provided in Scope #34.	Walsh	Walsh does not view "average of" as ambiguous or left to interpretation. Include 19,000 Laborer hours. This originates from an average of 5 Laborers working 50 hours a week for 76 weeks.	Released with BP7 Group 3.
241	TC-017A.7 Scope #30: Does pest control include the new building or only the site, laydown, and trailer areas?	Walsh	Yes, all project areas.	Released with BP7 Group 3.
242	TC-017A.7 Scope #31: Will walkways remain after or be removed at contract completion? Are walkways for pedestrian traffic only?	Walsh	Removed after completion. Pedestrian only.	Released with BP7 Group 3.
243	TC-017A.7 Scope #34: Elevator operators are listed at (20) hours overtime per week. Is a 60-hour work week per operator correct?	Walsh	Yes	Released with BP7 Group 3.
244	TC-017A.7 Scope #41: Please clarify overhead protection locations, size each (LxWxH), duration and/or removal by this contract.	Walsh	Over each exterior door, overhanging atleast 1' each side, coming away from the building a minimum of 4'. Duration to be 24 months.	Released with BP7 Group 3.
245	TC-017A.7 Scope #43: For estimating install/removal, where will the 20'x30' flag be installed on the building? Will this contractor be required to remove/install the flag during incimate weather? Replace the flag if damaged due to weather or other trades?	Walsh	East Side of the building. Yes, protect and remove if necessary for weather. No replacing cost to be considered.	Released with BP7 Group 3.
246	TC-017A.7 Scope #44: Is this to be included in addition to Allowance #5?	Walsh	Yes	Released with BP7 Group 3.
247	TC-017A.7 Scope #44: Please clarify "protection next to active road" and how this pertains to pedestrian overhead protection.	Walsh	Sidewalk along Limestone. Designed scaffolding to protect pedestrian traffic.	Released with BP7 Group 3.
248	TC-017A.7 Scope #45: Please provide basis of design and state rental duration of temporary loading dock.	Walsh	Sketch included in bid package. 24 months	Released with BP7 Group 3.
249	TC-017A.7 Scope #47: Is this to be included in addition to Allowance #5?	Walsh	Yes	Released with BP7 Group 3.
250	TC-017A.7 Scope #47: Will scaffold stairs be installed in (1) mobilization or installed floor by floor as project progresses?	Walsh	Multiple phases	Released with BP7 Group 3.
251	TC-017A.7 Scope #49: Will power for guard shacks be provided by others? Wifi or internet for access control software?	Walsh	No, full scope to be carried.	Released with BP7 Group 3.
252	TC-017A.7 Scope #49: Will guard shack be located at the same location as turnstiles, or at another location such as vehicular gate?	Walsh	Will be near vehicular gates	Released with BP7 Group 3.
253	TC-017A.7 Scope #49: Will guard shacks remain in same location until contract completion? To be removed at contract completion?	Walsh	Yes and yes	Released with BP7 Group 3.
254	TC-017A.7 Scope #49: Shack attendants and rental are stated at (36) month duration. Is this correct? This would extend general requirements and "On-site Manager" (stated at 24 months).	Walsh	Yes	Released with BP7 Group 3.
255	Will the earthwork subcontractor be responsible for excavation for plantings and rootballs?	Walsh	No. Landscape contractor will be responsible for excavation for the rootballs. Landscape contractor shall be responsible for haul off of any spoils.	Released with BP7 Group 3.
256	Is parking available on site?	Walsh	No. parking will not be available on site for trades until August 2026.	Released with BP7 Group 3.
257	There are (107) 4" trees listed on the plans. I have actually sourced this material already, but given the size and caliper of the trees, the pricing of the material as well as the install will be substantially more than a 2.5-3" variety. I wanted to know if UK had any intention of leaving the door open for substitutions or if they are wanting to stick with the 4"?	Champlin	UK has given no indication that substitutions of smaller trees will be considered.	
258	When is the landcape installation [roughly] scheduled to begin and/or finisied by?	Walsh	Landscaping installation is anticipated as occuring in the 2027 planting seasons. Some Plantings may be able to be done in the Fall 2026 planting season. Refer to UK typical requirements and specifications re: acceptable planting seasons.	
259	Is the irrigation bid released in a separate package and when is this installation going to happen? Before or after the landscape install?	Walsh	A complete Irrigation is part of the Landscape scope of work. Refer to Landscape Contract Exhibit B.2 / Scope of Work document. This document begins on page 182 of 3121	
260	Are we responsible to watering/fertilizing if irrigation system is not adaquately treating the areas we install?	Champlin	Contractor is responsible for watering as required to support the plantings, regardless of the irrigation system performance. Fertilization is required regardless.	
261	Besides the loam planting soil/mix in the areas we're planting the trees/shrubs - are we expected to provide topsoil and finish/fine grading of the enture area where landscaping work is to be done?	Champlin	Per specification 329210, Part 2, seeding is limited to the Low-Grow mix areas and sod shall be provided for all other turfgrass lawns.	
262	Does UK want seed/straw in disturbed areas OR hydroseed? Est 8,149,539sqft	Champlin	Per specification 329210, Part 2, seeding is limited to the Low-Grow mix areas and sod shall be provided for all other turfgrass lawns.	
263	What warranty term is standard for all plant material installed at UK?	Champlin	Per specification 329210, all plants shall be warranted for 18 months and any replacement plants warranted 18 months from replacement. Also, any trees of 4" caliper or greater and any multi-stem or evergreen trees of 17' height or greater shall be warranted for 24 months.	
264	we will have to crane in the growing media (in super sacks) for the rooftop terrace, so how high is the buidling and approximately how far over will we need to boom over? * We will be having a dolly system at the top and then will hand spread the media in the trays	Walsh	Drawing set has all necessary information for this. Refer to architectural sheets.	
265	on L921, its states 8,149,539sqft worth of lawn, but is this to be subtracted from the areas listed for sod or needs to be a separate item?	CARMAN	All areas have been updated via addendum on L921. The total area of lawn shall be the total amount of sod to be provided.	
266	on L921, it states 2,171,256sqft of "low grow" mix and right underneath that it has 723,752sqft. Which sqaure footage is the correct "low grow" mix area?	CARMAN	All areas have been updated via addendum on L921. The previously listed total for Mix 1 was listed first, with the subsequent quantities intended to show a 33% share of each of 3 species. The addendum quantity is for the total of Mix 1 only to avoid confusion.	
267	Clarification on math: for Mix area 2 - Sedge Mix, 723,752sqft area is listed for 50% creek sedge to be planted at 12" o.c. and then 50% for oval sedge to be planted at 18" o.c.. To use the 4" pots requested, 441,487 of the creek sedge would be installed and 196,216 oval sedges would need to installed per the triangular pattern listed on L922.	CARMAN	On L921, the Schedule of Ground Covers is intended to provide s.f. areas, not quantities of plants. All areas have been updated via addendum on L921. The quantity of each species shall be calculated based upon percentage of the total area and the spacing identified for each species.	

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FOR CONSTRUCTION BY A SUBCONTRACTOR
University of Kentucky & Walsh Construction II LLC
Capital Construction Division

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**GENERAL CONDITIONS OF THE CONTRACT
FOR CONSTRUCTION BY A Subcontractor
University of Kentucky & Walsh Construction II LLC
Capital Construction Division**

SUBCONTRACTOR

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

ARTICLE 1 - DEFINITIONS

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

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

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

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

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

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

1.1.6 CONSTRUCTION MANAGER or CONSTRUCTION MANAGER AT RISK (CM) - The term "Construction Manager" or "Construction Manager at Risk" (CM) means the person or entity who will or has entered into a contract with the Owner that assumes the risk for construction of the Project as the construction manager, and who will provide consultation and collaboration regarding the construction during and after design of the Project. The CM shall execute and hold all construction Trade Contracts and Purchase Orders for the Project.

1.1.7 CONTRACT - The term "Contract" means the Contract between Construction Manager and Subcontractor and consists of all Contract Documents as defined in Article 1.1.8 of these General Conditions.

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

1.1.9 CONTRACT DOCUMENTS - The "Contract Documents" include the Agreement of Contract between the Construction Manager and the Subcontractor (the "Agreement"); the

General Conditions; the Special Conditions; the Subcontractor's Form of Proposal; the Subcontractor's Bonds; the Specifications, Drawings and Addenda for the construction of the Project; and any Change Orders issued after execution of this Contract. The Contract Documents shall not be construed to create a contractual relationship of any kind between the Construction Manager and any Sub-contractor, or any person or entity other than the Subcontractor. Documents not included or expressly contemplated in this Article do not, and shall not, form any part of the Contract for Construction. Without limiting the generality of the foregoing, shop drawings and other submittals from the Subcontractor or its Sub-contractors and suppliers do not constitute a part of the Contract Documents. Except as otherwise provided, where these Contract Documents obligate the Subcontractor to certain responsibilities or require the Subcontractor to perform certain actions, the Subcontractor may require these same responsibilities and/or actions of one or more Sub-contractors. However, assignment of such responsibilities or actions to one or more Sub-contractors shall not be construed to relieve the Subcontractor of its obligation to the University or Construction Manager under this contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 2 - CONSULTANT

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

2.2 The Consultant will regularly, but no less frequently than monthly, visit the site to become familiar with the progress of the Work, the quality of the Work being provided and to determine if the Work is proceeding in accordance with the Contract Documents. On the basis of these on-site inspections, the Consultant will inform the Owner of the progress of the Work, will advise the Owner of any defects and deficiencies observed in the Work and, when appropriate, will certify to the Owner that the Work in place equals or exceeds the amount requested by the Subcontractor on all applications for progress payments.

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

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

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

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

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

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

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

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

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

ARTICLE 3 - CORRELATION AND INTENT OF CONTRACT DOCUMENTS

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

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

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

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

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

ARTICLE 4 - PRE-CONSTRUCTION CONFERENCE

4.1 Following the execution of the Contract, a pre-construction conference will be held. Representatives of the Capital Project Management Division, Consultant, Construction Manager, Subcontractor, and all major Sub-contractors shall be present to discuss the time for construction, methods and plan of operation, authority of the Consultant, procedures for handling shop drawings, progress estimates and requests for payments, and other relevant issues. The time and location of this meeting will be the responsibility of the Construction Manager in consultation with the Consultant, Owner and other interested parties.

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

ARTICLE 5 - SHOP DRAWINGS

5.1 Not Used.

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

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

5.4 Where a Shop Drawing or sample submission is required by the specifications, no related Work shall be commenced until the submission has been accepted in writing by the Consultant. The review and acceptance shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The acceptance of a separate item will not indicate acceptance of the assembly in which the item functions. A copy of each accepted Shop Drawing and product sample shall be kept in good order by the Subcontractor at the site and shall be made available to the Consultant on request.

5.5 The Consultant's acceptance of Shop Drawings or samples shall not relieve the Subcontractor from the responsibility for any deviations from the requirements of the Contract Documents unless

the Subcontractor has in writing called the Consultant's attention to such deviation at the time of submission and the Consultant has given written approval to the specific deviation. Any acceptance by the Consultant does not relieve the Subcontractor from responsibility for errors or omissions in the Shop Drawings.

ARTICLE 6 - LAYING OUT WORK

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

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

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

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

ARTICLE 7 - PLANS, DRAWINGS, SPECIFICATIONS AND RECORD DRAWINGS

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

7.2 The cost of additional plans, specifications and official contract documents for use by Sub-contractors for bidding and for construction shall be borne by the Subcontractor or by the Sub-contractors. Arrangements for orders and payment for plans, specifications and other contract

documents must be made with Lynn Imaging, Lexington, Kentucky (<http://www.ukplanroom.com>) or by phone at 1.800.888.0693 or 859.255.1021) before a set of documents will be issued.

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

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

ARTICLE 8 - TEMPORARY UTILITIES

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

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

ARTICLE 9 - MATERIALS, EQUIPMENT, APPLIANCES, AND EMPLOYEES

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

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

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

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

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

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

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

ARTICLE 10 - ROYALTIES AND PATENTS

10.1 The Subcontractor shall pay all royalties and license fees. If a particular process, product or device is specified in the Contract Documents and it is known to be subject to patent rights or copyrights, the existence of such rights shall be disclosed in the Contract Documents and the Subcontractor is responsible for payment of all associated royalties. The Subcontractor hereby agrees to indemnify, defend and hold the Construction Manager, and any subsidiary, parent, or affiliates of the Construction Manager, or other persons or entities designated by the Construction Manager, and their respective directors, officers, agents, employees and designees (collectively, the "Indemnities") harmless from all losses, claims, liabilities, injuries, damages and expenses, including attorneys' fees

and legal expenses, that the Indemnities may incur as a result of the Subcontractor's failure to strictly comply with its obligations under this Paragraph 10.1.

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

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

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

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

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

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

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

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

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

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

Per the KPDES Permit, Section 2.1.7. "Inspections – Permittee Conducted". "Inspections shall be performed by personnel knowledgeable and skilled in assessing conditions at the construction site that

could impact storm water quality and assessing the effectiveness of erosion prevention measures, sediment control measures, and other site management practices chosen to control the quality of the storm water discharges. Inspectors shall have training in storm water construction management such as Kentucky Erosion Prevention & Sediment Control (KEPSC), Certified Professional in Stormwater Quality (CPSWQ), Certified Erosion, Sediment and Stormwater Inspector (CESSWI), or other similar training.”

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

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

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

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

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

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

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

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

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

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

11.5 The Construction Manager with assistance of Subcontractor shall furnish a final occupancy permit from the proper agency or agencies as required.

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

ARTICLE 12 - PROTECTION OF WORK, PROPERTY, AND PUBLIC

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

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

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

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

12.5 The Subcontractor shall provide to the Owner and Construction Manager's Project Manager a key to Subcontractor's field office or job trailer.

ARTICLE 13 - BLASTING

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

ARTICLE 14 - CONSTRUCTION AND SAFETY DEVICES

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

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

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

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

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

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

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

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

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

ARTICLE 15 - HAZARDOUS MATERIALS

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

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

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

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

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

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

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

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

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

ARTICLE 16 - INSPECTION OF WORK

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

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

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

16.3 If the Specifications, the Consultant's instructions, laws, ordinances, or any public authority require any Work to be specially inspected, tested or approved, the Subcontractor shall give the Consultant timely notice of the readiness of the Work for inspection. The Consultant shall promptly make all required inspections. If any portion of the Work should be covered contrary to the request of the Consultant, or to the requirements specifically expressed in the Contract Documents, the Work must be uncovered for inspection and observation and shall be uncovered and replaced at the Subcontractor's expense.

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

ARTICLE 17 - SUPERINTENDENT - SUPERVISION

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

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

17.3 The superintendent assigned shall not be changed except under the following circumstances: (1) Where the superintendent ceases to be employed by the Subcontractor, in which case the Subcontractor shall give timely written notice to the Owner or Construction Manager of the impending change of the superintendent and a reasonable explanation for the change; or (2) Where the Owner or Construction Manager or the Consultant have reasonable grounds for dissatisfaction with the performance of the superintendent and give written notice to the Subcontractor of the

grounds. In either case, the Subcontractor shall obtain prior written approval from the Owner or Construction Manager of the qualifications of the proposed replacement superintendent. Such prior approval will not be unreasonably withheld.

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

ARTICLE 18 - CHANGES IN THE WORK

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

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

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

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

18.2.3 By an amount agreed upon by the Subcontractor and the Construction Manager as a mutually acceptable fixed or percentage fee.

18.3 All lump sum proposals shall include a detailed cost breakdown satisfactory to the Consultant and to the Owner for each component of Work indicating both labor and material costs. This cost breakdown shall be submitted to the Consultant promptly and with a goal of seven (7) Calendar Days or less after receipt of the proposal request.

18.3.1 In computing labor costs, the hourly labor rates shall not exceed a mutually agreeable combined hourly labor rate plus fringe benefits negotiated with the Owner based on a presentation of acceptable documentation by the CM. For the purposes of this Article, the term "fringe benefits" shall mean those funds transferred irrevocably to a third party for payment/distribution. In addition, there may be added by the Sub-contractor an amount agreed upon, but not to **exceed ten percent (10%) of the actual** cost, for overhead and profit.

18.3.2 The CM is entitled to a mark-up for bonds and insurance on all change orders. For change orders coded "End User Requested Changes" or "Other Owner Requested Changes" the CM may add overhead & profit in addition to the bonds and insurance referenced above. The mark-ups shall not exceed the combined percentage for overhead and profit, bonds, and insurance stated in the CM's "Financial Proposal Summary". These mark-ups will not be added to the individual change orders

but will be reconciled by amendment at the completion of the project and/or on an annual basis for those projects exceeding 12 months in duration.

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

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

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

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

18.8 The Construction Manager will not pay claims made for lost opportunities, claims made for lost production or production inefficiencies or claims made that are formula based.

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

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

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

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

18.12 Prior to final payment, the Construction Manager shall provide to the Owner a full accounting of executed change orders by and between the Construction Manager and the Trade Contracts. The Construction Manager shall also provide a reconciliation of that accounting against the executed change orders by and between the Owner and the Construction Manager.

ARTICLE 19 - RULES AND MEASUREMENTS FOR EXCAVATION

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 20 - CONCEALED CONDITIONS

20.1 The Contract Drawings show the approximate location of the existing and new utility lines. These lines have been identified and located as accurately as possible using available information. The Subcontractor is responsible for verifying all actual locations. If utilities require relocation or rerouting that is not shown or indicated to be relocated or rerouted, the Subcontractor shall contact and cooperate with the Consultant to make the required adjustments. Any request for change in the Contract Amount by the Subcontractor shall be made pursuant to Article 18 of the General Conditions.

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

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

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

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

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

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

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

20.5 If the Consultant determines that changed conditions do not exist or are not materially different and no adjustment in the Contract Amount or time is warranted, the Subcontractor shall continue performance of the Contract as directed by the Consultant. No claim by the Subcontractor under this clause shall be allowed unless the required written notice is given and the Consultant is given adequate opportunity to investigate the conditions encountered prior to disturbance. The failure of the Subcontractor to give the Consultant proper notice of a differing site condition shall not affect the Construction Manager's right to an equitable adjustment of the contract price or time if there is a decrease in the Contract Amount or time required to perform the Work.

ARTICLE 21 - DELAYS AND EXTENSION OF TIME

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

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

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

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

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

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

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

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

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

Mean Number of Days When	Jan.	Feb	Mar	Ap r.	May	Jun	Jul.	Aug	Se p.	Oct	Nov.	Dec.
Max Temp 32° or Below	9	6	1	0	0	0	0	0	0	0	1	5
Precip. Is 0.10 Inch or Greater	7	6	9	7	8	8	8	6	5	5	7	7

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

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

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

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

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

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

21.6 Approval of time extensions for changes in the Work will depend upon the extent, if any, to which the changes cause delay in the completion of the various elements of construction. The Change Order granting the time extension may provide that the Contract Time will be extended only for those specific elements so delayed and that other Work will not be altered.

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

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

21.9 Approved extensions of time not caused by unusual inclement weather shall be incorporated in a revised schedule at the time of approval. No subsequent requests for time extension will be

considered unless all previous approved time extensions have been incorporated in the Project schedule on which the requests are based.

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

21.10.1 In addition to the provisions of Articles 18.3 and 18.3.1 above, and subject to the requirements of Article 21.8 and 21.8.1 above, if the Construction Manager orders changes to the scope of Work for the Project that extend the then current contractually required completion dates of the Project, the Subcontractor shall be entitled to reimbursement for job site, general conditions and staffing costs associated with such delay.

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

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

ARTICLE 22 - CORRECTION OF WORK BEFORE FINAL PAYMENT

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

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

ARTICLE 23 - CORRECTION OF WORK AFTER FINAL PAYMENT

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

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

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

ARTICLE 24 - TERMINATION OF CONTRACT FOR CONVENIENCE OF CONSTRUCTION MANAGER

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

ARTICLE 25- CONSTRUCTION MANAGER'S RIGHT TO STOP WORK

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

ARTICLE 26 -TERMINATION OF CONTRACT FOR DEFAULT ACTION OF SUBCONTRACTOR

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

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

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

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

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

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

26.1.6 If the Subcontractor disregards the authority of the Consultant or the Construction Manager;

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

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

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

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

26.3.1 In the event that the Contract is terminated and the Subcontractor's Surety fails or refuses to complete the Work, the Construction Manager may take over the Work and prosecute it to completion

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

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

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

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

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

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

ARTICLE 27 - SUSPENSION OF WORK

27.1 The Construction Manager or the Consultant may, at any time and without cause, order the Subcontractor in writing or cause the Subcontractor to suspend, delay or interrupt all or any part of the Work for such period of time as the Construction Manager may determine to be appropriate for its

convenience. Adjustment may be made for any increase in the Contract time necessarily caused by such suspension or delay, in accordance with Article 21.

ARTICLE 28 - TIME OF COMPLETION

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

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

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

28.3.1 When the Construction Manager considers the entire Work is substantially complete as defined in Article 1.1.17 of these General Conditions, and is ready for its intended use, the Construction Manager shall notify the Consultant in writing and request an inspection. The declaration and request shall be accompanied by a list prepared by the Subcontractor of those items of Work still to be completed or corrected. The failure of the Subcontractor or Consultant to include any item or items, which are not completed or which need correction, on such list shall not alter the responsibility of the Subcontractor to complete all Work in accordance with the Contract Documents.

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

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

Consultant does not consider the Work substantially complete, the Consultant will notify the Owner/Construction Manager, and the Subcontractor in writing, giving the reasons, therefore.

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

28.4.1 The provisions of Article 30.11 notwithstanding, if the Subcontractor meets the requirements of Article 28.4 above with respect to timely submittal of approvable Operation and Maintenance manuals and provided the project construction is 1) at least 75% complete and 2) is equal to or ahead of the approved progress schedule and 3) the Work completed is in compliance with the requirements of the contract documents, the Owner, at the sole discretion of the Director, Capital Projects Management Division may reduce the retainage to not less than three percent (3%) of the current Contract Amount.

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

28.5 Project Close Out. When the Subcontractor considers that all Work required by the Contract is 100% complete, including correction of any remaining punch list work or deficiencies, the Subcontractor shall notify the Consultant in writing and request a final inspection. The Consultant, upon receipt of written notice from the Construction Manager that the Work is complete and is ready for final inspection and acceptance, will promptly make such inspection and when the Consultant finds the Work completed and acceptable under the Contract Documents and the Contract fully performed, the Consultant will so notify the Construction Manager in writing to submit, and will certify to the a final Certificate for Payment submitted in accordance with Articles 30.9 and 30.9.1 of these General Conditions. If the Subcontractor does not complete the punch items within the time designated, the Construction Manager retains the right to have these items corrected at the expense of the Subcontractor including all architectural, engineering and inspection costs and expenses incurred by the Consultant and the Owner or Construction Manager, and to deduct such costs and expenses from the funds being held in retainage. The Construction Manager shall not be required to release the retainage until such items have been completed.

ARTICLE 29 - LIQUIDATED DAMAGES

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

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

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

ARTICLE 30 - PAYMENT TO THE SUBCONTRACTOR

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

30.2 The Consultant shall, within ten (10) Business Days after receipt of each application for payment, certify approval of payment in writing to the Owner and present the application to the Owner, or return the application to the Construction Manager indicating in writing its reasons for refusing to approve payment. The Owner, provided no exception is taken to the application for payment submitted by the Consultant, will issue payment on or within thirty (30) Business Days from the date received from the Consultant. A reasonable delay on the part of the Owner in making payment to the Construction Manager for any given payment shall not be grounds for breach of Contract. A reasonable delay on the part of the Construction Manager in making payment to the Subcontractor for any given payment shall not be grounds for breach of Contract. The Consultant may refuse to approve the whole or any part of any payment if it would be incorrect to make such presentation to the Owner.

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

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

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

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

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

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

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

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

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

30.7 Prior to submitting the first application for payment, the Subcontractor shall submit to the Construction Manager for approval a detailed breakdown of the Contract Amount pursuant to CSI specification divisions, divided so as to facilitate payment and correlated to the schedule required by General Conditions Article 32 of the Contract Documents. The total value of all activities shall add up to the Contract Amount. When approved by the Construction Manager, this schedule shall be used as a basis for Subcontractor's applications for payment and may be used by the Construction Manager to determine costs or credits resulting from changes in the Work. Failure to obtain the approval of the Schedules of Values shall be a basis for withholding payment to the Subcontractor.

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

verification by the Consultant that the Work completed is in compliance with the requirements of the contract documents

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

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

30.8.1.2 Action required by the Construction Manager to correct Defective Work or complete Work which the Subcontractor has failed or refused to correct or complete, or

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

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

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

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

30.9 Final Payment – When all Work is completed and acceptable and the Contract is fully performed, the Subcontractor will be directed to submit a final payment application for certification and the entire balance shall be due and payable upon a certification of completion by the Consultant that the Work is in accordance with the Contract Documents. Final change order reconciliation as per Article 18.12 must be provided prior to final payment.

30.9.1 Upon issuance of the Certificate of Final Completion by the Owner and submittal by the Subcontractor of all required documents and releases, all retained amounts shall be paid to the Subcontractor as part of the Final Payment. By accepting such payment, the Subcontractor certifies that all amounts due or that may become due to any Sub-contractor, any Consultant of the Subcontractor, or any vendors or material suppliers, have been paid or will be paid from the proceeds of the final payment; and that, further, there are not liens, claims or disputes involving the Construction Manager or the Consultant that are outstanding or unresolved.

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

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

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

ARTICLE 31 - AUDITS

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

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

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

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

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

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

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

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

ARTICLE 32- PROGRESS & SCHEDULING

32.1 If requested by the Owner during the Design Phase of the Project, and working in cooperation with the Owner and the Consultant(s), the Construction Manager shall prepare a Critical Path Method (CPM) type Design Phase schedule incorporating design phase and review activities through completion of the design and bidding of the Trade Contracts, shall include in this Design Phase schedule the broad categories of Work to be accomplished in the subsequent implementation of the design and construction of the Project, and shall modify and update this Design Phase schedule as necessary to reflect the actual status and then current plan for the Project.

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

32.2.1 Prior to bidding Trade Contracts, the Construction Manager shall prepare and submit to the Owner and the Consultant a preliminary CPM construction schedule for the Work that will be included in the Project bidding documents.

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

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

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

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

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

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

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

ARTICLE 33 - USE OF COMPLETED PORTIONS

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

ARTICLE 34 - INDEMNIFICATION

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

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

34.3 In any and all claims against the Construction Manager its consultants, and their respective employees and agents, by any employee of the Subcontractor, any Sub-contractor, any one directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the

indemnification obligation under this Article shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Subcontractor or any Subcontractor under Worker's Compensation acts, disability benefit acts or other employee benefit acts.

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

ARTICLE 35 - INSURANCE

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

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

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

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

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

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

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

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

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

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

ARTICLE 36 - PERFORMANCE AND PAYMENT BONDS – NOT USED

ARTICLE 37 - DAMAGED FACILITIES

37.1 The Subcontractor shall repair or replace, at no expense to the Construction Manager, any damaged section of existing buildings, paving, landscaping, streets, drives, utilities, watersheds, etc. caused by Work performed under the Contract or incidental thereto, whether by the Subcontractor's own forces, Sub-contractors or by material suppliers. Such repair or replacement shall be performed by craftsmen skilled and experienced in the trade or craft for the original Work.

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

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

37.4 Should the Subcontractor fail to proceed with appropriate repairs in an expedient manner, the Construction Manager reserves the right to have the Work/repairs completed and deduct the cost of such Work/repairs from amounts due or to become due to the Subcontractor. If the Construction

Manager deems it not expedient to repair the damaged Work, or if repairs are not done in accordance with the Contract, an equitable deduction from the Contract price shall be made.

ARTICLE 38- CLAIMS & DISPUTE RESOLUTION

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

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

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

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

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

ARTICLE 39 - CLAIMS FOR DAMAGE

39.1 Should either party to the Contract suffer damage because of wrongful act or neglect of the other party, or of anyone employed by them, or others for whose act they are legally liable, or other controversy arising under the Contract, such claim or controversy shall be made in writing to the other party within thirty (30) days after the first occurrence of the event. Prior to the institution of any action in court, the claim or controversy (together with supporting data) shall be presented in

writing to the Director of the Capital Project Management Division at the University of Kentucky ("Director") or his designee for the University of Kentucky. The Director, or designee, is authorized, subject to any limitations or conditions imposed by regulations, to settle, comprise, pay, or otherwise adjust the claim or controversy with the Subcontractor. The Director, or designee, shall promptly issue a decision in writing. A copy of the decision shall be mailed or otherwise furnished to the Subcontractor. The decision rendered shall be final and conclusive unless the Subcontractor files suit pursuant to KRS 45A.245. If the Director, or designee, does not issue a written decision within one hundred and twenty (120) days after written request for a final decision, or within a longer period as may be established by the parties to the Contract in writing, then the Subcontractor may proceed as if an adverse decision had been received.

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

ARTICLE 40 - LIENS

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

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

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

ARTICLE 41 - ASSIGNMENT

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

ARTICLE 42 - SEPARATE CONTRACTS

42.1 The Construction Manager reserves the right to enter into other Contracts in connection with the Project or to perform any work with the Construction Manager's forces in the normal sequence of

the work as depicted in the then current construction schedule. Except for work performed by University personnel, such contracts shall be assignable to the Subcontractor and shall contain the same terms and conditions as the contracts between the Subcontractor and the Sub-contractors. The Subcontractor will be entitled to a maximum of three percent (3%) overhead and profit on the value of such assigned contracts. The Subcontractor shall afford other contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work and shall properly connect and coordinate its Work with theirs in such manner as the Consultant may direct.

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

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

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

ARTICLE 43 - SUBCONTRACTOR/SUB-CONTRACTOR RELATIONSHIP

43.1 The Subcontractor is fully responsible to the Construction Manager for the acts and omissions of the Sub-contractors and of persons either directly or indirectly employed by them. The Subcontractor is responsible for the acts and omissions of persons employed directly by the Subcontractor and for the coordination of the Work, including placement and fittings of the various component parts. No claims for extra costs as a result of the failure to coordinate the Work, or by acts or omissions of the various Sub-contractors, will be paid by the Construction Manager.

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

43.3 The Subcontractor shall make no substitution or change in any Sub-contractor listed and accepted by the Consultant or Construction Manager except as approved in writing by the Construction Manager. The Subcontractor shall not employ any Sub-contractor or supplier against whom the Construction Manager or the Consultant has made reasonable and timely objection. The Construction Manager (CM) will not be allowed to self-perform work or bid on any of the proposed work categories unless a subcontractor fails to perform and upon prior approval by the Universities authorized representatives."

43.4 Nothing contained in the Contract Documents shall create any contractual relationship between the Construction Manager and any Sub-contractor, Trade Contractor or Supplier, nor shall

the Subcontractor include any language in their contracts with any Sub-contractor, Trade Contractor and/or Supplier that might imply such a relationship. The Subcontractor is hereby notified that it is the Subcontractor's contractual obligation to settle disputes between Sub-contractors, Trade Contractors, and/or Suppliers. Neither the Construction Manager nor the Consultant will settle disputes between the Subcontractor and any Sub-contractor, Trade Contractor, and/or Supplier or between Sub-contractors, Trade Contractors, and/or Suppliers.

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

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

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

ARTICLE 44 - CASH ALLOWANCE

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

ARTICLE 45 - PROJECT SITE LIMITS

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

ARTICLE 46 - CLEAN UP

46.1 The Subcontractor shall at all times keep the premises free from accumulation of waste material or rubbish caused by the operations in connection with the Work. All corridors and exit doors must be kept clear at all times. All exit ways, walks, and drives must be kept free of debris, materials, tools and vehicles.

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

ARTICLE 47 - POINTS OF REFERENCE

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

ARTICLE 48 - SUBSTITUTION - MATERIALS AND EQUIPMENT

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

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

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

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

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

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

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

48.4.2 Inability of the supplier to meet Contract Schedule.

48.4.3 Technical noncompliance to specifications.

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

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

ARTICLE 49 - TEST AND INSPECTION

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

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

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

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

ARTICLE 50 - WARRANTY

50.1 The Subcontractor warrants to the Construction Manager, Owner, and the Consultant that all materials and equipment furnished under this Contract shall be new and in accordance with the requirements of the Contract Documents, and that all Work shall be of good quality, free from faults and defects and in conformance with the Contract Documents. If required by the Consultant or the Construction Manager, the Subcontractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If the Subcontractor requests approval of a substitution of material or equipment, the Subcontractor warrants that such installation, construction, material, or equipment will equally perform the function for which the original material or equipment was specified. The Subcontractor explicitly warrants the merchantability, the fitness for a particular purpose, and quality of all substituted items in addition to any to any warranty given by the manufacturer and/or supplier. Approval of any such substitution is understood to rely on such warrant of performance. Prior to the Substantial Completion inspection, the Subcontractor shall deliver to the Construction Manager all warranties and operating instructions required under the Contract or to which the Subcontractor is entitled from manufacturers, suppliers, and Sub-contractors. All warranties for products and materials incorporated into the Work shall begin on the date of Substantial Completion. The warranty provided in this Article 50 shall be in addition to and not a limitation of any other warranty or remedy required by law or by the Contract Documents, and such warranty shall be interpreted to require the Subcontractor to replace defective material and equipment and re-execute defective Work which is disclosed to the Subcontractor by or on behalf of the Construction Manager within a period of one (1) year after Substantial Completion of the entire Work in addition to other warranty obligations beyond one (1) year from Substantial Completion as provided for by law or by the Contract Documents.

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

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

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

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

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

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

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

ARTICLE 52 - APPRENTICES

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

ARTICLE 53 - GOVERNING LAW

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

ARTICLE 54 - NONDISCRIMINATION IN EMPLOYMENT

54.1 During the performance of the Contract, the Subcontractor agrees as follows:

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

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

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

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

ARTICLE 55 - AFFIRMATIVE ACTION; REPORTING REQUIREMENTS

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

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

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

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

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

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

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

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

55.2.2 The equal employment provisions of The Act may be met in part by the Subcontractor contracting to a Disadvantaged Business Enterprise (DBE) contractor or Sub-contractor. A DBE contractor, or Sub-contractor shall mean a business established under the definition of a DBE in Article 55.2.1

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

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

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

End of Document