



University of Kentucky[®]

Procurement Services

INVITATION FOR BIDS

CCK-2563.30-14-25

CTC + AAC BP07 Core & Shell Group 4 (Re-Bid)

ADDENDUM #1

11/27/2024

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 12/04/2024 @ 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: Questions & Answers

- Please incorporate into your bid the enclosed additional information from the project team.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

11/27/2024

Ken Scott

Ken Scott / (859) 257-9102

SIGNATURE

Typed or Printed Name

Bid Package 07 - Core and Shell Group 2

Question and Response Log

Responses As Of: 08/20/2024 @ 8:00 AM

#	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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

Responses As Of: 08/20/2024 @ 8:00 AM

#	Question	Responder	Response	Release
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
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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

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#	Question	Responder	Response	Release
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	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	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

Bid Package 07 - Core and Shell Group 2

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#	Question	Responder	Response	Release
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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

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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
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 L.3 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. Page 5 of 11	Released during Bid Package 7 Group 1 Bidding

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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 inelligible 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, IB-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 055119 Specification.	Released during Bid Package 7 Group 1 Bidding
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 retailing 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 deliniate 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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

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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	3/S401 - Connection and anchorage to slab by Curtain Wall Subcontractor. 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 73/S405 - Connection and anchorage to slab by CFMF Subcontractor. 74/S405 - Connection and anchorage to slab by CFMF Subcontractor. 58/S405 - Misc Metal supports for head of curtain wall by Steel Subcontractor. 59/S405 - Misc Metal supports for head of curtain wall by Steel Subcontractor.	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
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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

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#	Question	Responder	Response	Release
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	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
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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

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#	Question	Responder	Response	Release
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 TV's, 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

Bid Package 07 - Core and Shell Group 2

Question and Response Log

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#	Question	Responder	Response	Release
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.	
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.	
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 sightlines/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.	
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.	
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.	

#	Question	Responder	Response	Release
136	<p>Requesting to be given " or equal" for bidding of the brick materials as follows</p> <p>DIVISION 42000, 2.6 BRICK (FBR-1AB, FBR-2, FBR-3)</p> <p>A.Qualifies as Indigenous Material</p> <p>B.Not possible for this type of brick</p> <p>C.Qualifies</p> <p>D.Qualifies- ASTM C216, grade SW, Type FBX</p> <p>D 2-6 Qualifies as follows</p> <p> BELDEN BRICK, CANTON OHIO, MANUFACTURED SUGAR CREEK OHIO</p> <p>7a FBR-1A Beige, Smooth, Matte/Velour Finish, Color: Custom 2 part blend of Acadia (67%) and 8532 (33%)</p> <p>7b.FBR-1B Beige, Texture, Scratch Finish; Color: Custom 2-part blend of Acadia (67%) and 8532 (33%)</p> <p>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</p> <p>7d. FBR-3; Dark Terracotta: Matte/Velour Finish: Color; 8621 F/G</p>	Champlin / HGA	<p>Responses to your questions are outlined herein in Red:</p> <p>Requesting to be given " or equal" for bidding of the brick materials as follows</p> <p>DIVISION 42000, 2.6 BRICK (FBR-1AB, FBR-2, FBR-3)</p> <p>A.Qualifies as Indigenous Material</p> <p>B.Not possible for this type of brick Noted. This is acceptable</p> <p>C.Qualifies</p> <p>D.Qualifies- ASTM C216, grade SW, Type FBX</p> <p>D 2-6 Qualifies as follows</p> <p> BELDEN BRICK, CANTON OHIO, MANUFACTURED SUGAR CREEK OHIO</p> <p>7a FBR-1A Beige, Smooth, Matte/Velour Finish, Color: Custom 2 part blend of Acadia (67%) and 8532 (33%) Proposed colors are not approved.</p> <p>7b.FBR-1B Beige, Texture, Scratch Finish; Color: Custom 2-part blend of Acadia (67%) and 8532 (33%) Proposed colors are not approved.</p> <p>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</p> <p>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).</p>	
137	<p>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.</p>	Champlin / HGA	<p>This RFI is not applicable to Group 2 Enclosure scope.</p>	