

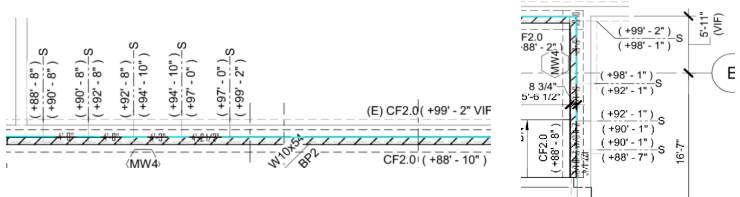
Jefferson County Courthouse
Bid Questions



Questions:		Date Received	Response
1	On C100 please note existing curb removal.	07.27.2022	See addendum #01 dated 08/04/2022
2	Include abatement documents for reference/coordination only.	07.27.2022	See addendum #01 dated 08/04/2022
3	<p>I received a phone call from one of the roofers/sheet metal contractors in regard to the Longboard siding on the LECT (questions below).</p> <p>A. Are there to be gaps between the pieces of longboard siding?</p> <p>B. If so, what size gap and what conceals the hat channel and insulation from view?</p> <p>C. What type of 3" insulation is required behind the siding?</p> <p>D. Are vented hat channels required if spacing between Lincoln lock panels is present?</p> <p>E. Is sheet metal trim required around the perimeter of these panels (where they meet windows or stone)? It doesn't sound like you can get a color match for trims in wood look. If it is to be a solid color, we will need to delegate this to a bid package at those two surfaces. (maybe the aluminum bid package, but, will need to specifically call out both surfaces)?</p>	07.27.2022	See addendum #01 dated 08/04/2022
4	There are four existing condensing units on the roof of the administrative side of the building that sit on rails. The rails can remain, but, conduits and line sets should be patched by the roofer.	07.29.2022	Yes, it is acceptable for existing rails and posts to remain from the four condensing units.
5	The new addition to the south end of the building is scheduled to be turned over at the end of Phase #1. Will the mechanical contractor be required to install the required HW&CW piping that serve AHU-5 through the Phase 2 area of the building, during Phase 1 or will there be exterior piping directly from the temp chiller to AHU-5? If the permanent piping systems are required, is this second shift work due the building being occupied? Will ceilings be removed & replaced by others? Will the owners' contents be moved as required for pipe routing/installation?	07.29.2022	Owner will provide temporary heating/cooling systems for the LEC addition until HVAC contractor has all equipment/piping installed in the subsequent phase to serve this area from permanent systems.
6	The mechanical contractor is required to include cost for the temporary chiller. Please provide a duration that this chiller will be required so contractors are bidding apples to apples. Could this be an allowance provided by the GC for mechanical contractors to include? After discussing with Steve, Gary and several of the bidding HVAC contractors we need to instruct the mechanical contractor to supply the temporary chiller for a total of six months including two separate mobilizations. This would require an alternate add/deduct on the bid form for each additional month or if it would be done quicker, a deduct UNIT PRICE?	07.29.2022	See addendum #02 dated 08/11/2022
7	The existing chilled water system contains glycol. Please provide type of glycol and a system volume for the mechanical contractors to include for disposal costs.	07.29.2022	Existing documents do not indicate the glycol type and percentage, awaiting confirmation from the County.
8	The basement level ductwork requires many large openings through poured/structural walls and also floors, it doesn't appear that there are any references to these and reinforcing in the structural plan, has this been coordinated?	07.29.2022	See addendum #01 dated 08/04/2022
9	The openings remaining after demolition through these poured walls need to be patched. Please clarify what the patching requirements will be. Can these be flashed with sheet metal & infilled with mineral wool?	07.29.2022	Openings in finished areas to match existing wall construction, unfinished areas or above ceiling can be sheet metal and infilled with mineral wool. Openings within the secure perimeter to be replaced in kind.
10	There are new louvres being installed in existing louver openings in these poured walls. Is there structural cutting required for these or are they sized to fit existing?	07.29.2022	Sized to fit unless noted otherwise.
11	Please provide a louvre schedule.	07.29.2022	No louver schedule to be provided. See mechanical drawings for louver sizes.
12	Review Tubelite substitution requires.	07.29.2022	See addendum #01 dated 08/04/2022
13	Can you provide a layout or quantity of flexible walkway requested in the specs (Roofing Question0?	07.29.2022	See addendum #02 dated 08/11/2022

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14	There are some discrepancies in the sections/details for the roof system in the West Addition of Area A. The detail shows this area roof assembly as RA02 (pavers) and then another detail show its RA02 plus green roof. See attached references. Please clarify the scope for what should be in the Roofing base bid and what is alternate 01.	07.29.2022	See addendum #01 dated 08/04/2022
15	There are no gutter/downspout descriptions listed in spec section 07 62 00, but the drawings show a gutter detail - 1-/A504. Please provide clarification.	07.29.2022	See addendum #01 dated 08/04/2022
16	Remove the following note from BP#07 - General Construction under the bid categories in the specifications: V. Provide all security sealants as required including those required by the MEP trades	07.29.2022	See addendum #01 dated 08/04/2022
17	AD100A, this opening is not tagged?	07.29.2022	See addendum #01 dated 08/04/2022
18	Add general note to bid package #1 (Sitework-Site Utilities) that they are responsible for saw cutting and removal of exterior stairwell in area B	07.29.2022	See addendum #01 dated 08/04/2022
19	AD100B the wall shown to be demolished appears to be load bearing and nothing is shown on structural?	07.29.2022	See addendum #01 dated 08/04/2022
20	Please provide elevations for wall tile.	07.29.2022	See addendum #01 dated 08/04/2022
21	ADA101A & B - Note 1/131 does not apply anymore as earth retention and foundation support will be done from the exterior of the building.	07.29.2022	See addendum #01 dated 08/04/2022
22	Discuss allowance for roofing work associated with the mechanical work in chase on Area C.	07.29.2022	See addendum #02 dated 08/11/2022
23	Please clarify where duct liner is required. There are notes on the plans for offices & Conference rooms typical. Sht.H540 General HVAC Notes #14 requires liner for 10' before every grille.	07.29.2022	Duct liner is required for rectangular supply ductwork downstream of VAVs / reheat coils as shown on Duct Insulation Scheule on sheet H532 and ductwork specifically called out to be lined on the ductwork drawings. General HVAC Note 14 on sheet H540 is removed in Addendum 2.
24	What systems require glycol and what type & mixture of glycol? Please provide a chemical treatment specification.	08.04.2022	There are no new systems that require glycol.
25	Cooling towers typically have the overflow piping & drawing piping shown and sized with the pipe routing. Supply & return lines to the tower are currently only shown.	08.04.2022	Refer to sheet H102C (issued in Addendum #02 dated 08/11/2022) and H520 for the tower drain pipe routing.
26	Do the HWS/R return piping require oversized hanger with saddles or are line size hangers acceptable? Are roller hangers required anywhere?	08.04.2022	Line size hangers are not acceptable. Provide hangers external to pipe insulation with saddles. Roller hangers are not required.
27	Are pipe guides & anchors required on the HWS/R system?	08.04.2022	Yes, refer to Addendum #02 dated 08/11/2022
28	Who is responsible for the condensate piping off the AHU's which is not shown?	08.04.2022	Mechanical Contractor is responsible for cooling coil condensate piping off AHU's. Refer to details on sheet H511 and pipe layouts included in Addendum #01 dated 08/04/2022.
29	In addendum #1 spec 233400 Fuel Fired Domestic Water Heaters was added, but this specification was not allocated to the "bid category".	08.04.2022	See addendum #02 dated 08/11/2022
30	In the signage specification there is a reference to code required dwelling signage, is this required?	08.04.2022	No
31	Rooms C0045A, C0045C, C0046A and C0046B are labeled as chain link fencing - a product different than wire mesh partitions and one that is not provided by wire mesh partition manufacturers. Can you confirm whether these areas are to be wire mesh partitions per 10 22 13 or chain link fencing?	08.04.2022	See addendum #02 dated 08/11/2022
32	Spec 10 22 13 includes wire mesh ceilings at section 10 22 13, 205, C but the Reflected Ceiling plan indicates no wire mesh ceiling. Sections on A2.01 indicate full height instead of wire mesh ceilings. Can you confirm that wire mesh ceilings are <u>not</u> included?	08.04.2022	See addendum #02 dated 08/11/2022
33	Add specification 061600 - Sheathing (As applicable to this bid category) to Bid Category #10 and indicate Glass-Mat Gypsum Sheathing is by this bid package in the "specific items to include".	08.08.2022	See addendum #02 dated 08/11/2022

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34	On the casework details there are references to Kevlar panel, but there does not appear to be a specific material specification? Is this supposed to be in 092900 "Ballistic panels within gypsum board assemblies"?	08.08.2022	See addendum #02 dated 08/11/2022
35	What spacing is required between the longboard siding?	08.08.2022	See 6/A512 for typical spacing
36	I was speaking with Steve, from Design Engineers, in the existing boiler room during the Prebid tour. I asked the question about path of access to get the new chillers into the room. He had mentioned that the wall was going to be opened. Can you confirm this?	08.09.2022	Yes, see addendum #02 dated 08/11/2022.
37	Includes \$125,000 allowance for engineering/shoring associated with new openings in existing wall 6' or greater in Bid Category #7 - General Construction	08.09.2022	See addendum #02 dated 08/11/2022
38	Clarification on the lockers needed. There are two locker specs included, metal and phenolic, but the material is not called out on the plan. There's no way to tell what they want. I've attached both specs and the Locker drawings. It's also not clear if the cubbies are locker material or casework.	08.09.2022	See addendum #02 dated 08/11/2022
39	There are (2) coat hooks shown on the floor plans in just about every office - no spec. Note 1.16 on floor plans. I don't think they are currently in any bid package.	08.09.2022	See addendum #02 dated 08/11/2022
40	Bid Category #1 add the following in specific items to include: Include all road/curb patching (concrete & asphalt) as required for new utility installation.	08.09.2022	See addendum #02 dated 08/11/2022
41	There aren't any isometric drawings or pipe sizing for the mechanical rooms for the Jefferson County Project. Do you know if the information will be provided in the upcoming addendum on Thursday?	08.09.2022	See addendum #02 dated 08/11/2022
42	What support the new beam at the Hearing Room detail 17/S303 and also the beam shown in 16/S303?	08.09.2022	See addendum #02 dated 08/11/2022
43	Can we please get a defined scope for sound masking? A. We received the specifications but have not found information on plans with regards to zoning or level of sound masking that is needed.	08.09.2022	Plan information was added in Addendum #01 dated 08/04/2022. This space is using the sound masking to cover confidential conversations. White noise coverage should be used.
44	Panel Schedule for Panel MSB-3 on sheet E516 is calling for a Type 12 Enclosure. Square D does not have Type 12 Enclosures for this type of panel. Is a NEMA 3R enclosure acceptable?	08.09.2022	Enclosure for new switchboard MSB-3 to be NEMA Type 1, see addendum #02 dated 08/11/2022.
45	Drawing ED100C shows some bold text symbols in the grayed-out area. Is this scope to be included in the project?	08.09.2022	Yes, see addendum #02 dated 08/11/2022.
46	Drawing E501 New Work Key - Dark gray items are labeled as New/Revised Equipment. It is my understanding that the following pieces of equipment are new entirely: A. CMDP1 B. CMDP2 C. HMDP D. MSB4 E. Can you please confirm that I am correct?	08.09.2022	Correct. CMDP1, CMDP2, HMDP, and MSB-4 are new pieces of equipment.
47	Security - Specifications are calling for Panasonic equipment for Access Control, Security and CCTV. Can you please provide the schools preferred vendor for the equipment?	08.09.2022	Per the MIS department, they have been using the DNA Fusion for the door locking systems and the Panasonic/Advidia for camera equipment. They listed Protection Technologies as their vendor at this time.
48	Do you know if there will be another addendum issued for the above referenced project? On plan sheet DE600 the schedule calls out for new frame type "S3" but there is no elevation show on the page. Please advise.	08.09.2022	See addendum #02 dated 08/11/2022
49	Project includes demolition and renovation work in an existing building. Please confirm what the elevated slab construction is.	08.09.2022	The existing building construction varies with the 5 different eras of additions. Existing floor framing primarily consists of precast plank with topping or CIP concrete floor slabs. Existing room construction consists of steel joists with deck in the north portions and precast plank in the south portions.

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50	Unit Price #2 on the bid form calls for unsatisfactory soil replacement with Lean Mix concrete. Spec Section 01 22 00 Unit prices - Unit price #2 has the same clarification as Unit price #1. Please confirm what needs to be provided for Unit price #2. Also, if Lean Mix concrete is required, what bid packs is to provide this?	08.09.2022	See addendum #02 dated 08/11/2022
51	Sheet S100A, there are multiple footing steps called out and shown in the attached image. Please confirm if these steps are existing or new. This is consistent throughout the drawings. 	08.09.2022	The footing steps in the attached image are existing.
52	Sheet S100A (addenda #1) calls for details 6/S202 along the new structural bearing wall. This detail call out is for a pier, there are no piers drawing at this location. Please provide updated details. This also occurs again with detail call out of 7/S202 between F&G.	08.09.2022	See addendum #02 dated 08/11/2022
53	Sheet S100A (addenda #1) calls for detail 6/S202 along the new structural bearing wall. This detail call out is for a pier, there are no piers drawn at this location. Please provide updated detail. This also occurs again with detail call out of 7/S202 between F&G	08.09.2022	See addendum #02 dated 08/11/2022
54	Sheet S100A (addenda #1) switched the typical detail from 4 to 5/S202. A brick ledge is shown (except at the jail addition)but not called out on the drawings. Please provide brick ledge heights and if they step if they are required at the courthouse additions.	08.09.2022	See addendum #02 dated 08/11/2022
55	Specification Section 00 21 13 - Instruction to bidders, 1.9 Preparation of Bids states we need to provide (2) copies of each bid package. Please confirm if 2 are required or 1 can be provided.	08.09.2022	Provide as specified
56	Will the stairways receiving RBR1 just be on the landings or treads as well? Looking through the stair details I don't see any finishes on the steps themselves besides the judges and commissioners steps in the hearing rooms. Thanks for any clarification.	08.10.2022	Landings only are to be RBR1
57	Detail 15/S303 for the suspended cast stone is not called out on the structural plans. Note 1 from this detail says to, "Coordinate with architectural and cast stone supplier." The architectural details do not show structural steel at locations where the cast stone is suspended. For example, the cast stone in 2/A311 is showing metal studs when you follow the details to 1 and 2/A502. Please advise if detail 15/S303 should be excluded per coordination with the architectural drawings or provide the locations the detail should be applied.	08.10.2022	No, do not exclude detail 15/S303. Bid as drawn. Structural steel is located within the stud space. Refer to structural detail for maximum spacing of structural steel supports. Architectural and structural drawings to be further coordinated in a future CB.
58	Additionally, the precast pieces weigh over 3,000 lbs. and when fastening structurally, the rigid insulation and air and vapor barrier cannot be applied. These locations require construction to be built from the outside in. Please provide how these locations need to be constructed.	08.10.2022	Detail design intent is for rigid insulation and air barrier to be applied prior to cast stone installation.
59	Also, at the brick piers and precast adjoining locations, please provide a section cut of how these two different types of construction will be thermally split.	08.10.2022	Brick and precast are not thermally split. Sheathing and insulation are continuous. Refer to details 1/A502, 2/A502 and 5/A502 .