



August 17, 2018

**Addendum #3 Revised To
Request for Proposal
For University Services Building HVAC and Fire Alarm 2018: Project 060-313984
Dated July 31, 2018**

The Addendum must be acknowledged on your lump sum bid.

NOTE: You must have attended a prebid conference in order to be eligible to bid on a particular project. Receipt of minutes or addenda without being at a prebid conference does not qualify your company to bid.

Please find the following clarifications for the above RFP opportunity.

Question 1: Plans Sheet A101, Architectural Note A11 calls to extend existing gypsum board to the deck. The Ceiling Detail (1) on Plan Sheet A711 indicates that the height of this extension would be about 3'-0" above the existing 9'-0" wall height. Please Confirm the correct height so that the extension can be accurately priced.

Answer: Based on original drawings, floor to deck height is 12'-0". Extension would be approximately 3'-0".

Question 2: Plans Sheet A101, Architectural Note A12 calls to extend existing CMU Walls up to deck. Please clarify the height of the existing CMU walls and if the deck height is 12'-0" as assumed in RFI #1 above.

Answer: Based on original drawings, floor to deck height is 12'-0". Existing CMU is approximately 7'-4" in height. Extension would be approximately 4'-8".

Question 3: Plans Sheet A101, Architectural Note A13 calls to patch existing CMU Walls where existing or new holes and cracks are present. Many of these areas are located in the Electrical Office and Electric Shop, which were inaccessible during the site visit. In addition the definition of 'holes and cracks' that would need to be patched is open to interpretation. It is suggested that bidding contractors carry an agreed upon Allowance for this effort in their bids. Please advise.

Answer: Definition of 'holes and cracks' are all holes and cracks that would compromise a 2-hour fire rating in the existing CMU walls. The agreed upon allowance for this effort is \$2,000.

Question 4: Plans Sheet A101, Architectural Note A19 calls to infill an area with new concrete to match existing. Please provide a depth of this area, as well as details on desired reinforcement for the concrete and what conditions exist on the walls adjacent to this infill so that proper forming efforts can be accounted for.

Answer: Existing wall condition above is brick with plaster face.

Be advised that a portion of the concrete slab along the exterior wall is over an existing tunnel. The existing tunnel is approximately 4'-0" wide with an 8" thick wall.

Concrete thickness for the elevated slab over the tunnel is approximately 4 inches. Any areas of elevated slab that are cut and demolished shall be reinforced to match existing. Dowel new concrete to existing as noted below. As an alternate to slab removal and replacement, core drilling the top slab of the tunnel is acceptable. Before core drilling, scan the existing concrete slab with GPR and locate reinforcing bars. Do not cut reinforcing. Coordinate location of core with wall above. If adjustments to wall or coring location are required, obtain approval of architect and/or engineer.

Coordinate trenching with plumbing work that is outside of tunnel area. Concrete thickness for the slab on grade is approximately 6 inches. Reinforcement for the slab on grade shall be #4 @12" on center each way. Place slab

reinforcing with 1” cover to top of slab. Adhesive anchor #4 dowels into center of existing slab with 4” minimum embedment all around the perimeter at 12” on center.

Field verify dimensions noted

Question 5: Plans Sheet A101, Architectural Note A26 calls to contractor to provide Roof Fire Damper and Fire Rated Sealant for the new RTU. Based on our discussion during the pre-bid meeting, it would appear that all Roofing scope of work will be addressed with another contract. Please clarify if this scope of work is to be included in this project. If it is to be included, please provide the contact information for the Roofing company who will be providing the RTU Curb installation for this project.

Answer: New roof work and purchase and installation of the roof curb for RTU-1 will be addressed by another contract. Pipe and ductwork penetrations through the roof shall be part of this contract. RTU and fire damper/fire sealant work shall be part of this contract. Coordination between both contracts is necessary. Roof curb purchase and installation (by other contract) shall be coordinated with approved RTU-1 (this contract). Both the curb and RTU need to be approved by engineer and owner prior to ordering. Roofing contractor has not yet been selected by WSU.

Question 6: For Plan Sheet A101, please confirm that Wall Type F4 along the Carpentry Shop is to be constructed adjacent to the existing wall in this area to make it 2-HR fire rated.

Answer: It was indicated in the walk thru that the wall is augmented with additional layers of drywall on each side of the existing wall to achieve the proposed 2-hour rating; there is no additional wall constructed adjacent to the existing wall.

Question 7: Please provide the thickness of the existing concrete flooring on the First and Second Floors that will need to be cut in order to install the new sanitary piping.

Answer: Existing concrete flooring thickness on the first floor is approximately 6 inches. Existing thickness of the second floor is approximately 12 inches

Question 8: Please provide details of the construction of the existing perimeter walls in the ‘Alternate No. 1’ Area and ‘Office 209’ Area so that exterior patching needed for HVAC work can be accurately priced.

Answer: The existing 1929 drawings indicate exterior wall is brick with plaster skim coat on the interior.

Question 9: Can the bid be extended to help us ensure we have accurate scope coverage and adequate time to put together an aggressive proposal?

Answer: We have extended the bid proposal due date to August 23, 2018 by 2:00pm. Electronic submission required.

Question 10: Drawing M601: Curb detail calls for 10 gauge sheet metal, this seems like a lot of overkill given the SMACNA recommendation for the specified static pressure. Please advise if this is intended or if the contractor can use a smaller gauge.

Answer: Supply and return ductwork connected to RTU-1 that penetrates the roof and the connected large supply and return ducts, 72x26” and 76x24” respectively, shall be heavier gauge sheet metal than required by SMACNA for the static pressure. The intention is to help mitigate sound and vibration from the unit. Please provide 16 gauge sheet metal in lieu of 10 gauge, at all locations where 10 gauge sheet metal is noted on the plans.

Question 11: The basement space under the proposed first floor bathroom. Is that area to be considered a confined space?

Answer: The tunnel space under the proposed first floor bathroom per original drawings is 4’ deep by 4’ wide with 8” interior concrete walls and 4” floor. It was not designed for regular occupancy and has limited egress, therefore would be considered a confined space by OSHA standards.

Question 12: What model of MechoSystems is the design intent – Mecho/5?

Answer: Answer forthcoming in Addendum to be issued on August 20, 2018.

Question 13: Which fabric series and openness should be used?

Answer: Answer forthcoming in Addendum to be issued on August 20, 2018.

Question 14: Fabrics vary greatly and therefore pattern series and openness percentage affects pricing.

Answer: Answer forthcoming in Addendum to be issued on August 20, 2018.

Question 15: Please confirm that the Underground Sanitary and Water piping shown on plan sheet P101 is to be performed in a utility chase that will require considerations for Confined Space work to be taken while work is being performed.

Answer: Where space allows, the underground sanitary, vent, and water piping work shown on P101 may be completed through the use of the utility chase. Excavation will be required where new plumbing work is not accessible by the chase. The underground utility chase is a confined space per WSU.

Question 16: Please clarify what note 'WF1' means on Elevation 'Room 203 South Elevation' on Sheet A721.

Answer: WF1 is located on the Finishes Legend on sheet A701. Provide Lumar decorative window film in glacier frosted, or similar from manufacturer. Submit a sample for review.

Question 17: Does the construction space have to be kept at or below 75 degrees during construction as per the specifications?

Answer: For the process of installation and subsequent warranty, provide provisions necessary to keep temperature to a level that construction materials and paint will not be negatively impacted.

IMPORTANT- This is an addendum which MUST be acknowledged on your bid form

We will require your lump sum proposals, vendor qualification questionnaire and your bid bond documents as a single PDF in your electronic submission.

All questions concerning this project must be emailed to: **Robert Kuhn**, Procurement & Strategic Sourcing. Email: ac6243@wayne.edu, and copy **Leiann Day**, Associate Director, at leiannday@wayne.edu.

Bids are due **by electronic submission** on no later than 2:00 p.m., **August 23, 2018**. The link for bid submission will be posted with the bid details at <http://go.wayne.edu/bids> beginning **July 31, 2018**.

Do not contact either FP&M or the Design Firm directly as this may result in disqualification of your proposal.

Thank you for interest shown in working with Wayne State University.

Robert Kuhn
Sr. Buyer

CC: **Kirsten Mellem** (Project Manager), **Leiann Day**, Associate Director, Attendee list.