

ADDENDUM 5

RFP730-17123 Wortham Theatre Building #507 Annex (Rebid)

QUESTIONS AND ANSWERS

1. Will a dumpster enclosure be built for this project? Detail 8/S502 shows a wall section for a dumpster enclosure. The architectural plans do not show a dumpster enclosure for the project.
ANSWER: **Project will use dumpsters utilized for the existing space, no dumpster enclosure will be built.**
2. Section 3.7.A of the unit masonry specifications calls for seismic masonry veneer anchors. Will seismic masonry anchors be required? This area does not use seismic anchors.
ANSWER: **Seismic masonry anchors are not be required and should not be provided.**
3. At the pre-proposal conference it was discussed that the HUB Plan needs to be on the USB, however the USB will be turned in with the proposal the day before the HUB Plan is due. Are we to submit a separate USB with the HUB Plan Only? Please advise.
ANSWER: **Yes, please submit a separate USB with HUB Plan only.**
4. Is this a Prevailing Wage project? If so, please provide Prevailing Wage Scale.
ANSWER: **Yes**
5. Please confirm this project will follow the Harris County Building Construction Prevailing Wage Rates (Quarter 2 of 2017) found at <http://www.eng.hctx.net/Consultants/Construction/Prevailing-Wage-Rates>
ANSWER: **Yes**
6. Please confirm that a full time, on site superintendent is required for the duration of the project.
ANSWER: **Yes**
7. Please confirm that there is no asbestos abatement in this project's scope of work.
ANSWER: **No ACM in this scope.**
8. Please confirm the materials testing and the HVAC test and balance will be by the owner.
ANSWER: **Confirmed.**
9. Please clarify if there are any times during normal business hours (performance dates, etc.) that work will not be able to be performed.

**ADDENDUM 4
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QUESTIONS AND ANSWERS

ANSWER: **Cannot be determined at this time. Circumstances may require some outages of work. None known at this time.**

10. Please confirm no fireproofing will be required for the structure.

ANSWER: **Confirmed.**

11. Please provide a date and time for a site visit. The contractors will need access to the existing electrical room during this visit.

ANSWER: **Will be provided when requested by contractors.**

12. Sheet C6.0 – The water line that is to be relocated was previously indicated as a 2” water line. This is now shown as “Pipe Size Field Verify”. In order for bids to be consistent, a pipe size needs to be assumed for bidding purposes. Please confirm this waterline is assumed to be 2”.

ANSWER: **Confirmed**

Contractor may assume 2” Water line, but they must price unit prices for 3” as well. This existing water line must be field verify once construction begins.

13. Sheet S301, Straight Shaft Note 1 references Sheet S0.01/5 and a Geotechnical Report. Please provide Sheet S0.01 (if needed) and the Geotechnical Report.

ANSWER: **Typo – It should have read section 5 in sheet S101**

14. Sheet S502 – Please confirm Detail 8 is not used in this project. The screen wall shown on the site plan is indicated as the Louvered system shown in Detail 9.

ANSWER: **Detail not used on this project – Arch please verify.**

Correct, not used. Reference specification section 10 82 00 issued in this addendum and provide screen wall per manufacturer instructions.

15. Sheet A0.01 – Notes at the screen wall indicate to reference Structural drawings and Specifications for details. Sheet S502/9 indicates to reference the Architectural drawings. There are no details in the architectural drawings for this screen wall, and no spec sections provided. Please provide specifications and/or manufacture and product information for this louver system.

ANSWER: **Reference specification section 10 82 00 issued in this addendum and provide per manufacturer**

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QUESTIONS AND ANSWERS

instructions.

16. Sheet A2.01 – Please provide details for finishes RB-1 and SC-1. There is no product selection in the Rubber Base spec sections, and no details on the sealed concrete.

ANSWER: Reference spec section 09 65 13 Section 2.1 for RB-1, reference spec section 03 35 00 Section 2.1 for SC-1.

17. Sheet A2.01 – Finish Schedule indicates rubber base at all rooms. Please clarify if tile base should be used at the Restroom (Rm 109), or if wall tile is to be installed above or behind the rubber base.

ANSWER: No base tile shall be used, RB-1 to terminate perpendicular into CT-1

18. Sheet A3.02/12 – Please clarify if the face brick on the existing building is to be removed and replaced per this detail for the expansion joint at the roof.

ANSWER: Correct. Remove brick three courses high, in increments no greater than 4' per detail 12/A3.02.

19. Sheet A7.01 – Detail 2 calls out the Aluminum Canopy and references Sheet A7.10/2. Sheet A7.10 was not provided with the bid documents. Please provide this sheet and/or the details for the canopies.

ANSWER: See detail 23/A7.01.

20. Sheet A10.01 – Detail 3 indicates Plaster ceilings, however all of the ceilings on the RCP appear to be acoustical ceiling tile or gypsum board. Please clarify the plaster requirements for this project.

ANSWER: No plaster ceilings in project.

21. Sheet E1.01 and TS1.00 indicate conduit to run through the Existing Blackbox. Please clarify if the work in this room is able to take place during normal business hours, or if this will be afterhours/weekend work. Verify scheduled work does not conflict with University activities prior to commencing.

- a. Please clarify if the contractor is able to have equipment on the existing stage in order to reach the high ceilings of the Blackbox theater room. Verify with University if equipment use on stage will be acceptable prior to commencing.
- b. Please confirm all conduit/piping must be painted black within this room. Confirmed

ANSWER: See above.

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QUESTIONS AND ANSWERS

22. Spec Section 00 60 08 (page 20 of the specifications PDF) indicates a 5% Security Bond is require. Please confirm no Bid/Security Bond is required on this project.

ANSWER: **Not required**

23. Spec Section 01 50 00 indicates a requirement for an on-site temporary facility for the duration of the project. Due to the small project site, please clarify if this will be required.

ANSWER: **Required**

Omit conference room and conference room furnishings as required by spec section 01 50 00 Section 2.2, Subsection B, and Line Item 2.

24. Spec Section 10 14 23 – Please clarify if building signage is part of the General Contractors scope. If required, please provide sign types and locations.

ANSWER: **Building signage not in scope.**

25. Spec Section 10 73 13, 2.1D indicates the finish of the Aluminum Canopy is to match the finish of the existing metal wall panels. Please provide a finish selection for the canopies of the finish of the existing panels to be matched.

ANSWER: **Duranar XL Pewter UC110998XL or similar as approved by architect.**

26. Spec Section 10 82 00 is shown in the Table of Contents, but is not included in the project specifications. Please provide.

ANSWER: **Included in addendum.**

Provide signature of receipt above and submit this document with bid package

SECTION 10 82 00 - PREFINISHED ALUMINUM EQUIPMENT SCREENS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Conditions of the Contract and Division 01 Sections, as applicable, apply to this section.

1.2 SECTION INCLUDES

- A. Furnish all labor, materials, equipment and incidentals required and install exterior aluminum equipment screens as shown on drawings and specified herein.

1.3 REFERENCE STANDARDS

- A. Architectural Aluminum Manufacturer's Assn. (AAMA).
 - 1. 605, Voluntary Specification for High Performance Organic Coatings on Architectural Extrusions and Panels.
- B. American Society for Testing and Materials (ASTM).
 - 1. B209, Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
 - 2. B221, Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- C. National Association of Architectural Metal Manufacturers (NAAMM).
 - 1. Metal Finishes Manual.
- D. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA).
 - 1. Architectural Sheet Metal Manual.

1.4 SUBMITTALS

- A. Product Data:
 - 1. Manufacturer's printed specifications and product data, including finishes.
 - 2. Manufacturer's installation instructions.
 - 3. Manufacturer's finish maintenance instructions.
- B. Color Selection: Submit color chart showing full range available for Architect's selection from manufacturer's standard colors.
- C. Shop Drawings: Include all information necessary for fabrication and installation of equipment screens. Indicate materials, sizes, thickness, fastenings, and profiles.
- D. Samples: Submit two (2) inch x three (3) inch metal samples of each required finish.
- E. Fabricator's Qualifications: Furnish evidence that the proposed fabricator of this work has a minimum of five (5) years experience fabricating, finishing and installing similar work.
- F. Certification: Manufacturer's certification that system conforms to wind loading requirements of this specification and code authorities having jurisdiction.

1.5 DELIVERY, STORAGE AND PROTECTION

- A. Deliver, store and handle products to avoid any distortion or damage due to moisture, physical abuse or other cause. Equipment screens shall be free from nicks, scratches, and blemishes. Replace defective or damaged materials with new undamaged materials.

1.6 COORDINATION

- A. Contractor shall coordinate requirements, quantities and sizes with Architectural and Structural Drawings.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURER/PRODUCT

- A. Specifications are based on "Econospan 22.5" Pitched Louver" as manufactured by Willard Shutter Company, Inc., Miami, FL; (800) 826-4530. Manufacturers listed whose products meet or exceed the specifications are approved for use on the Project. Other manufacturers must have a minimum of five (5) years experience manufacturing products meeting or exceeding the specifications and comply with Division 1 requirements regarding substitutions to be considered.
 1. AMETCO Architectural Products, Willoughby, OH, 1-800-321-7042.
 2. Airolite Co. (The), Marietta, OH; (740) 373-7676.
 3. Cityscapes Architectural Innovations; (877) 727.3367.

2.2 GENERAL

- A. All equipment screens, fasteners and components are subject to compliance with the specification requirements.

2.3 MATERIALS

- A. Aluminum Sheet: ASTM B209 Alloy 5005 with temper as required for forming, or as otherwise recommended by metal producer to provide required finish.
- B. Aluminum Extrusions: ASTM B221, Alloy 6063-T5
- C. Fastenings: Provide stainless steel screws and fasteners for aluminum equipment screens and zinc-coated or stainless steel screws and fasteners for steel units. Provide other accessories as required for complete and proper installation.

2.4 FABRICATION

- A. Performance: Fabricate as required for optimum performance with respect to strength, durability and uniform appearance.
- B. Size: Fabricate equipment screens to outside dimensions indicated.
- C. Field Measurements: Verify size, location and placement of equipment screen prior to fabrication.
- D. Shop Assembly:
 1. Fabricate to minimize field adjustments, splicing, mechanical joints and field assembly of units.
 2. Preassemble units in shop to greatest extent possible and disassemble as necessary for shipping and handling.

3. Clearly mark units for reassembly and coordinated installation.
 4. Provide straps, plates and brackets as required for support and anchorage of fabricated items.
 5. Provide University of Houston logo mechanically fastened to louver blades. Architect to review design prior to fabrication.
- E. Provide vertical or horizontal mullions as recommended by the manufacturer and to meet necessary building codes.
- F. Join frame and blade members to one another by welding, except where field-bolted connections between frame members are made necessary by size of equipment screens.
- G. Maintain equal blade spacing to produce uniform appearance.

2.5 EQUIPMENT SCREEN COMPONENTS

- A. Blades:
1. Shall be fabricated of 0.025 inch roll-formed aluminum.
 2. Shall be fabricated in maximum blade lengths for continuous blade appearance and shipped loose.
 3. Shall snap into blade carriers by means of vinyl blade locks.
- B. Blade Carriers: Shall be 0.081 inch extruded aluminum hat channels.
- C. Hat Channels: Shall be furnished at a maximum of 30 inches o.c.

2.6 FINISHES

- A. Equipment screens shall be factory finished in an organic coating.
- B. Organic Coating: Clean and prime exposed aluminum surfaces and apply a Kynar 500/Hylar 5000 two (2) coat finish conforming to AAMA 605 in color selected by Architect. Minimum dry film thickness shall be 1.2 mil.

PART 3 - EXECUTION

3.1 INSPECTION

- A. All sizes to be field verified by the contractor prior to fabrication. Coordinate changes in locations and structural framing to allow installation.

3.2 INSTALLATION

- A. Install in accordance with shop drawing submittals and manufacturer's written instructions.
- B. Form tight joints within Work of this Section. Fit exposed connections accurately.
- C. Protect from damage from subsequent building operations.
- D. Protect metal surfaces from corrosion of galvanic action by application of a heavy coating of bituminous paint on surfaces which shall be in contact with concrete, masonry or dissimilar metals.

3.3 CLEANING

- A. Touch up damaged finishes and field-paint all fasteners.

- B. Cleaning and maintenance in accordance with manufacturer's maintenance instructions.

END OF SECTION 10 82 00