

**TERMINAL BUILDING REHABILITATION PROJECT
&
TERMINAL ASBESTOS ABATEMENT PROJECT**

**MARSHALL MEMORIAL AIRPORT
STATE BLOCK GRANT NO. 13-018B-1
BMcD Project No. 76127**

ADDENDUM NO. 2

May 28, 2015

Addendum No. 2 consists of the following clarifications, changes, or additions as received from Bidders and questions at the pre bid meeting.

Attachments:

1. None

A. Terminal Building Rehabilitation Project: The following are responses to questions, clarifications, changes or additions from perspective Bidders:

1. **Question:** Roofing: The roofing specifications call out for the membrane roofing system to be installed in a cold process adhesive (reference section 2.05C). This membrane is to be installed over a cover-board (reference 2.08A). The cover-board called out is not a suitable substrate to be used with the adhesive for the roof membrane.

RESPONSE: Specifications are non-proprietary and thus allow variations in materials to meet manufacturer's recommendations for an approved system equivalent to that specified. Roofing Contractor shall follow Manufacturer's recommendations for roof system materials and installation. Final evaluation and approval of roofing system will be provided in the "Shop Drawing Review" process.

2. **Question:** Roofing: If the roof manufacturer will allow the roof membrane to be installed directly to the ISO insulation, therefore eliminating the cover-board, will this be allowed?

RESPONSE: Cover-board shall be provided.

3. **Question:** Roofing: If a cover-board is required for this project, can we install a manufacturer's recommended board?

RESPONSE: The Manufacturer's recommendation for cover-board (based on approved system) is acceptable. The final evaluation and approval will be provided in the "Shop Drawing Review" process.

4. **Question:** Is Manufacturer's for SBS modified portion and ISO as well?

RESPONSE: This is a public bid project/process. The project specifications are non-proprietary. Any manufacturer's system may be used as long as the specified criterion is met.

5. **Question:** Can we use Certainteed Performa tile as it is the same finish and texture as Tegular Symphony?

RESPONSE: Bidders shall bid the specified tile or equal products. Determination of equal products will be made in the "Shop Drawing Review" process.

6. **Question:** I don't think the Marshall area has the earthquake splay wires. Is this assumption correct?

RESPONSE: There are no earthquake design provisions in the Acoustical Tile Ceiling specifications Section 095123.

7. **Question:** What is the date and time for bid submission?

RESPONSE: Per Addendum No. 1, the Bid Opening is June 3, 2015, at 2:00 P.M. CDT.

8. **Question:** Can I use my proposal or are special forms required? If they are needed, please email me blank forms.

RESPONSE: The approved bid form and required submittal documents are included in the project manual. These forms must be used.

9. **Question:** Can I bid the ceilings alone or do I have to bid with a general contractor?

RESPONSE: Bids for individual items will not be accepted. It is suggested to contact interested general contractors for this project.

10. **Question:** Can you provide a listing of the general contractors that are bidding?

RESPONSE: Please reference the Drexel Technology website for this information.

11. **Question:** Please forward bid form/abatement quantities for the Asbestos Abatement Bid Package for coordination with the Terminal Rehabilitation Project. Has this package been awarded?

RESPONSE: This documentation is available for viewing on the Drexel Technology website. The Abatement project was bid on May 12, 2015. Recommendation and award is currently under review.

12. **Question:** On page 28 of Addendum No. 1, the Lead X-Ray test indicated hazardous lead at samples #80, #83, #84 and #87. These samples were taken from the exterior window frames. Is the Asbestos Abatement Bid Package responsible for removing these windows and providing temporary weather protection?

RESPONSE: The Abatement Contractor is responsible for demolition but will not provide temporary weather protection. The Abatement Contractor is required to coordinate demolition work with the Building Contractor.

13. **Question:** per A201, General Note 1: Please clarify the quantity to include for the grout joint repair in our bid.

RESPONSE: Contractors shall include grout (mortar) joint repair (pointing, re-pointing) for a total of 660 square feet of brick area. This value represents approximately 15% of the total brick clad wall area. Grout repair work is to include multiple locations of isolated mortar joint failures in brick walls, coping sill and but joints, brick chimney and cap. The contractor is responsible for identifying the mortar joint repair areas and obtaining owner/engineer approval prior to beginning these repairs.

14. **Question:** Please provide specification for the metal panel siding.

RESPONSE: Metal panel siding is to be Centria Panel IW 10A or approved equal.

15. **Question:** Please confirm that the roofing demolition is included in the Terminal Building Rehabilitation Project.

RESPONSE: The roof demolition is not in the Terminal Building Rehabilitation Project. The roof demolition will be performed by the Asbestos Abatement Project.

16. **Question:** Please clarify if the Asbestos Abatement Project will be performed prior to or simultaneously with the Terminal Building Rehabilitation. Is the 150 calendar day schedule the time allowed for both projects to be completed?

RESPONSE: Calendar days for the Asbestos Abatement are counted separate from the Terminal Building Rehabilitation project. Asbestos Abatement work will be completed prior to the start of the 150 calendar day Terminal Building Rehabilitation project.

17. **Question:** If the existing roofing removal is included in the Asbestos Abatement Package, will the Terminal Building Rehabilitation Package be required to maintain a weather-tight roof system?

RESPONSE: The roof deck is cast concrete. The intent is for the building rehabilitation contractor to coordinate with the roofing demolition and follow soon after roof demolition with the installation of the new roof system. Abatement Contractor does not install a temporary roof.

18. Question: Please provide specification for the weather & air barrier per A311/1.

RESPONSE: Weather and air barrier shall be DuPont Tyvek Commercial Wrap or equivalent and installed on the outside face of the exterior sheathing.

19. Question: Please provide metal stud framing specifications:

RESPONSE: Refer to partition types on sheet A501 and General Notes for metal stud specification.

20. Question/Clarification: The following information is provided regarding material substitutions:

RESPONSE:

Section 08900 – Louvers and Vents; Paragraph 20.3, A., 1., manufacturers: Industrial Louvers Inc. is an acceptable manufacturer.

Section 084113 – Aluminum Framed Entrances and Storefronts paragraph 2.01, A., 1., Basis of Design Product: EFCO Corporation is and an acceptable manufacturer. EFCO Thermal Storefront Framing and Thermastile Entrance Doors are acceptable products.

21. Question: Can Onyz which is produced by Invia with the emulsified sealer specified be used as an accepted substitution?

RESPONSE: It may be used if it is listed with the Missouri Department of Transportation’s approved list of products and can meet the project requirements.

22. Question: Section 2 – Page 1 of the Instruction To Bidders states “Proposal form must be submitted in original bound project manual” Does this mean Bidders are required to submit both volumes of the project manual with their bids?

RESPONSE: All submitted bids shall include the following items:

- A. Items 2 -8 as identified in Section 2 – INSTRUCTION TO BIDDERS which also includes:
 - i. Bid Bond
 - ii. Pages PF-1 – PF-18 (which includes:)
 - iii. Proposal Form
 - iv. Acknowledgement By Bidder
 - v. Representations By Bidder
 - vi. Certifications By bidder
 - vii. Buy American Certification
 - viii. Worker Eligibility Verification Affidavit for all Contracts Agreement in Excess of \$100,000.
 - ix. Disadvantage Business Enterprise (DBE) Participation
 - x. Signature of Bidder

23. Question: Is there a special Bid Bond required for this project?

RESPONSE: Bidders shall reference Section 2 – INSTRUCTION TO BIDDERS.

24. Question: On drawing M101, units F-3 and F-4 condensate pipes run out though the wall to an outdoor condensate drain pit. Will the outside condensate pipes require insulation? If so, what are the specifications and will they require the 0.024 aluminum field jacket?

RESPONSE: The condensate piping needs to be insulated per specification 230719. Part 3.12 of 230719 requires ¾” Flexible Elastomeric. The outdoor field applied jacket is required and specified in part 3.13 because the piping is exposed.

25. Clarification: Buy American

RESPONSE: Bidders shall note that the Buy American practice is applicable to all products required for the project. This includes products identified in the project manual and allowed equivalents/substitution.

Acknowledge receipt and acceptance of this addendum in the appropriate space below.

David G. Hadel, P.E.
Project Manager
Burns & McDonnell

Name of Firm

Signature of Authorized Person of Above Firm

Title

Date