

Date: March 10, 2016

Project: FedEx Hangar Mechanical and
Electrical Upgrade Design-build

Solicitation No.: 16120

Addendum No. Five

TO ALL PLANHOLDERS:

The enclosed addendum amends the proposal documents for the above referenced Project.

Acknowledgment of this addendum is required on the Proposal Submittal. Failure to do so may subject the proposer to disqualification.

Sincerely,

Rich Wooten, CDT, CPSM
Contract Compliance Specialist

ADDENDUM TO THE DESIGN/BUILD DOCUMENTS	Page Number 1	No. of Pages 5
Addendum No. FIVE	Date Addendum Issued: March 10, 2016	
Issuing Office Rich Wooten, CDT, CPSM Alaska Industrial Development Export Authority 813 W Northern Lights Blvd Anchorage, AK 99503 Phone: (907) 771-3019 Fax: (907) 771-3044	Previous Addenda Issued Addendum One, February 24, 2016 Addendum Two, February 26, 2016 Addendum Three, March 1, 2016 Addendum Four, March 7, 2016	
Project: FedEx Hangar Mechanical and Electrical Upgrade Design-build Solicitation No.: 16120	Date and Hour Quotes Due: March 17, 2016 at 4:00 p.m., prevailing Anchorage time.	

NOTICE TO PROPOSERS:

Proposers must acknowledge receipt of this addendum prior to the hour and date set for proposal due date by one of the following methods:

- (a) By acknowledging receipt of this addendum on the proposal form submitted.
- (b) By email or telefacsimile which includes a reference to the project and addendum number.

The proposal documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any proposal received without acknowledgment of receipt of addenda may be classified as not being a responsive proposal. If, by virtue of this addendum it is desired to modify a proposal already submitted, such modification may be made by email or telefacsimile provided such an email or telefacsimile makes reference to this addendum and is received prior to the opening hour and date specified above.

The Design/Build documents for the above project are amended as follows (All other terms and conditions remain unchanged):

PROPOSAL AND CONTRACT REQUIREMENTS

1) The proposal due date has been changed from March 15, 2016 to March 17, 2016 at 4:00p.m.

2) **Section 00 20 00 Request for Proposals, Notices, 3. Pre-proposal Conference:** Add after the last sentence:

“An additional site visit will be held during the advertising period at 1:00 p.m. on March 14, 2016. Offerors need to submit their name and date of birth to Rich Wooten at Rwooten@aidea.org no later than Friday, March 11, 2016 at 1:00 p.m. to gain access to the work area for the site visit. We ask that you hold all questions during the site visit, questions must be submitted in writing, via email. Companies must limit the number of their attendees to four or less. On the date of the visit, all attendees shall park in the hangars northern parking lot. All attendees shall bring nothing they would not otherwise bring to an airport screening. All similar rules and confiscation risks apply. Cameras will be allowed provided no FedEx employees, FedEx logos or anything other than strict mechanical related data are in any photos. This site visit is **not** mandatory.”

3) **Section 00 20 00 Request for Proposals, Notices, 5. Technical Questions:** Remove the last sentence and replace with the following:

“All questions must be submitted by 12:00pm, March 15, 2016, any questions received after may be disregarded. An addendum answering questions received before the question due date will be issued no later than 12:00pm, March 16, 2016.

GENERAL – QUESTIONS & ANSWERS

- 4) **Q:** Where is the existing ABCO auxiliary power unit compressed air underground piping connection, what size is it, and what is the required ACFM and SCFM?

A: The existing ABCO gas piping connection is not identified on the drawings. The contractor shall field locate and verify CFM requirements of the existing equipment per the RFP documents. See Project Scope Item P31 on M 02.

- 5) **Q:** What is the acceptable pressure drop in the compressed air piping system?

A: The system shall be designed to deliver the specified CFM at 120 psi. System pressure loss shall be determined by the mechanical engineer of record.

- 6) **Q:** How long are the flexible compressed air lines connecting to the (4) point of use lines on the distribution manifold?

A: The compressed air lines from the distribution manifold may be assumed to be 50' in length.

- 7) **Q:** What are the input and output parameters for the plate and frame heat exchanger HEX-1 for the radiant floor system?

A: Input and output parameters for HEX-1 to be determined by the engineer of record.

- 8) **Q:** What is the GPM and head requirement for the new pump SHP-2?

A: See Project Scope Item P33 on M 02 where the SHP-2 pump is specified.

- 9) **Q:** Will AutoCAD versions of the RFP drawings (M 01 through E 02) be made available to the successful contractor?

A: Yes.

- 10) **Q:** Will AutoCAD versions of the RFP exhibit drawings (Ex 01 through EX 13) be made available to the successful contractor?

A: Only adobe acrobat copies are available as scanned drawings.

- 11) **Q:** Is it intended that the AFFF fire suppression system will be tested after the system upgrades are completed? And if it is to be tested, will the contractor be responsible for conducting the test?

A: As a design build project, the contractor is responsible for delivery of a complete and operational system, including performance of all testing, observations, and inspections necessary to assure quality.

- 12) **Q:** The Package 3 Item 2 calls for two boiler options "option one" and "option 2". However, the BID SCHEDULE does not make provisions for the two separate lump sum prices for the two packages. Please clarify how we are to record the separate prices.

A: Please see Addendum No. 4 issued March 7, 2016; Proposal and Contract Requirements, 10).

- 13) **Q:** Due to the discrepancy between the BID SCHEDULE and line item #32, has one boiler option or the other already been selected? And, if so, should one option be deleted from the drawing scope items?

A: Please see Addendum No. 4 issued March 7, 2016; Proposal and Contract Requirements, 10).

- 14) **Q:** Reference Drawing M 02, tag note #31, tag note #31 seems to indicate that the air compressor is

located in the same location as the existing pump PHP-1. Please clarify the location of the compressor.

A: Two tag Note 31 are on M02 indicating the location of the air compressor and the new location for rigid pipe compressed air fittings. The air compressor is near the existing makeup air unit, N-W corner of mechanical room.

15) **Q:** The Project Scope Items indicate that there are Packages #2 and #3, is there a package #1?

A: Scope Items and packages were based on Lessor – Lessee priorities. Package #1 included work not related to Mechanical and Electrical and was therefore omitted from the RFP. Refer to General Note 1, M00

16) **Q:** Specification Section 23 15 00 calls for the compressed air piping to be 6063-T5 extruded aluminum with a blue powder coating RAL 5012. Project Scope Item calls for the compressed air piping to be “corrosion Proof”. Which is desired, the specified “blue aluminum piping” or the “corrosion proof” piping called for on drawing M 02? Please note, there probably is no economical piping material that is truly “corrosion proof”.

A: The compressed air piping specified under Section 23 15 00 is requested by the owner. Design drawings shall include this piping system per specification.

17) **Q:** Is commissioning of the mechanical systems required?

A: As a design build project, the contractor is responsible for delivery of a complete and operational system, including performance of all testing, observations, and inspections necessary to assure quality. No formal commissioning agent will be employed for this project.

18) **Q:** Addendum 4 provides a revised bid form. In it, there is a single lump sum price allowance for P32 – replace/repair heating system. Drawing M02 item P-32 requests 2 different pricing options for the boiler replacement. Please clarify what lump sum pricing is to be provided?

A: Proposers should follow the instruction listed under the “Proposal and Contract Requirements” item 11) of Addendum 4 where you will see information related to Project Scope Item P32.

19) **Q:** Why is existing air compressor being replaced? Based on our site visit, it was mentioned that the existing air jack was operating slowly. Is the recommended replacement (Quincy QR-25) assumed to be sufficiently sized to overcome all current operational shortcomings and handle the scope of the RFP?

A: Existing compressed air piping is reported to have developed leaks. New corrosion resistant piping is required per owner request. Compressor system (compressor, dryer, piping) shall be sized to meet minimum flow rates as noted on RFP documents.

20) **Q:** M02 Note P31 states: "Demolish existing compressed air system in its entirety." To us, this means everything including underground air start system piping. Is this correct? If not, what specifically in the existing compressed air system is to remain/connection points?

A: Revise to read "Demolish existing above ground interior compressed air system in its entirety". The contractor is required to reconnect to the existing below grade piping serving the ABCO auxiliary power unit as noted on the RFP documents.

21) **Q:** Piping to serve wing tank/jack air high volume main with manifold and shop tools. We understand

this to mean similar to existing installation with approximately 30 separate hose reels. Is this correct (EX06/EX07)?

A: Incorrect. Refer to RFP for description of required compressed air fittings, outlets and locations.

22) **Q:** Is the volume of the hydronic heating system known? Please provide volume estimate (gallons) for pricing purposes.

A: The volume of the hydronic heating system is not known. The design build contractor is responsible to estimate this value based on as-built drawings and site investigation information.

23) **Q:** Will the existing triple duty valves remain in service?

A: Yes.

24) **Q:** Please provide IO&M information for diverter valve itself. RFP only provides information for the valve actuator.

A: IO&M information for the diverted valve is not available. The contractor is responsible to perform discovery and replace this valve in-kind.

25) **Q:** Can it be assumed that the existing exhaust fan has adequate SPD capacity to be relocated to the mezzanine without needing to be resized due to the additional exhaust duct run?

A: It may be assumed the existing exhaust fan has capacity for extension of the exhaust duct. If the engineer of record determines the fan will not perform for its intended performance, the option to replace the fan will be considered.

26) **Q:** Is the intent of the new heaters to replace existing heating units, or augment existing heating capacity?

A: New heaters will augment existing heating capacity. The intent of the heaters is to provide electric backup in case of a heating system failure.

27) **Q:** Why specifically are the heating coils being replaced?

A: Existing air handler coils are reported to have developed leaks. New coils are required per owner request.

28) **Q:** Define repipe. Are we just trying to "match-up" to the new heating coil header connections or are we repiping to make valving accessible?

A: The minimum requirement is to re-connect to the new coils. As a betterment the engineer of record may offer re-configuring the connection to allow for ease of future access.

29) **Q:** Please explain how deviations should be proposed/approved.

A: As an example, P32 Option 2 (only option after issuance of Addendum 4) is specified as a Bryan HE-

RV or approved equal. Proposal Criteria allows the option for a deviation from the design provided that the deviation is approved by AIDEA at “4. Design Narratives/Drawings and Deviations.” The proposer will have to elaborate on the deviation as part of the proposal. In order for us to say it is approved, we need data on functionality and cost savings. Once again, proposers that plan to submit a deviation need to provide a response in their proposal that addresses their deviation and compares it to the listed equipment demonstrating it is equal or better from a functionality and cost savings standpoint.”

END OF ADDENDUM