

Date: March 18, 2016

Project: FedEx Hangar Mechanical and
Electrical Upgrade Design-build

Solicitation No.: 16120

Addendum No. Seven

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 3 |
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| Addendum No. SEVEN | Date Addendum Issued: March 18, 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 Addendum Five, March 10, 2016 Addendum Six, March 16, 2016 | |
| Project: FedEx Hangar Mechanical and Electrical Upgrade Design-build Solicitation No.: 16120 | Date and Hour Quotes Due: March 22, 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):

CLARIFICATIONS

- 1) **Clarification on Project Scope Item P31:** It is the intent of the Owner to redesign the air system to operate more efficiently and functionally for the building. Purge cycle desiccant dryers are omitted from consideration due to previous operational problems. The air quality standard is ISO 8573.10 Class 2 with a pressure dew point of -40 Deg. F. A desiccant air dryer that minimizes the use of dried compressed air [diverted from the air system for desiccant regeneration] is the expected performance of the new dryer. Proposers shall provide a complete system that meets the performance requirements specified in the RFP. Proposers are no longer required to provide a heated blower desiccant dryer as stated on M 02, P31. If a proposer has a deviation or other suggestion they believe meets the requirements, they should provide it for consideration. If you are unable to provide an air dryer that meets the requirements, please notify AIDEA in writing.

GENERAL – QUESTIONS & ANSWERS

- 2) **Q:** The Specified compressed air dryer does not appear to be suitable for the required compressed air capacity of 30 acfm @ 120 psi. For example, the smallest Atlas Copco series AD is rated for 763 CFM @ 100 psi, the Gardner Denver series DHP for 300 @ 100 psi, and the FS Elliot series BP for 500 @ 100 psi. Please clarify compressed air dryer specification.

A: See the clarification on Project Scope Item P31.
- 3) **Q:** Hydrostatic Testing- Please provide clarification of Entire System, as answered in Addendum #6
 - a-All piping in Fire Pump House, including wet system?
 - b-All piping on the discharge side of the fire pumps, that is replaced for pump replacements?

c- All piping inside hanger building?

A: Refer to Specification Section 21 05 00, Common Work Results for Fire Suppression, G. System Test. Testing performed shall satisfy all requirements of FM Global Standards, NFPA Standards, the Authority Having Jurisdiction (AHJ).

- 4) **Q:** Please provide clarification for answer # 21 in Addendum #6? The Municipality of Anchorage will not require a full submittal of “entire system” to perform the scope of work to replace exiting pumps and the addition of the pump by-pass loop.

A: The answer that should have been provided to question 21 in Addendum 6 is as follows:

All new, and replacement fire protection equipment and piping shall be designed and indicated on fire protection shop drawings stamped by the qualified designer. The fire protection shop drawings shall be submitted for review and approved by the A/E, Municipality of Anchorage Fire Marshal and the Owner's insurance underwriters.

- 5) **Q:** Does entire system mean just the pump house?

A: All new, and replacement fire protection equipment and piping shall be designed and indicated on fire protection shop drawings stamped by the qualified designer. The fire protection shop drawings shall be submitted for review and approved by the A/E, Municipality of Anchorage Fire Marshal and the Owner's insurance underwriters.

- 6) **Q:** Will full shop drawings showing the design of new bypass loop, installation of valves, and replacement of fire pumps inside the pump building , be acceptable to comply 21 05 00- “Obtain approval for the entire fire protection System”

A: All new, and replacement fire protection equipment and piping shall be designed and indicated on fire protection shop drawings stamped by the qualified designer. The fire protection shop drawings shall be submitted for review and approved by the A/E, Municipality of Anchorage Fire Marshal and the Owner's insurance underwriters.

- 7) **Q:** Can the hanger doors be opened partial to facilitate ventilation of equipment (ie. forklifts, boom lifts, etc.)?

A: Yes. However, vendor responsible for securing AOA perimeter when doors are left open.

- 8) **Q:** If the duct detectors are removed from the Air Handlers, what portions of the system will need to be certified?

A: The requirements to design the system are the responsibility of the qualified designer. The Authority Having Jurisdiction (AHJ) shall determine the extent of the system to be certified.

- 9) **Q:** Will any fuels (not by contractor) be present in the hanger during the job time frame?

A: All appropriate hot work measures and preventions will need to be taken on a day-to-day and case-by-case basis. Proposers to assume the possible presence of fuels.

- 10) **Q:** Please see attached Picture (attachment one, one page) with mark-ups- The tank would need to be fully drained to attach the new 10” test by-pass loop downstream of the altitude valve. Please confirm this is the intention, or if there is another means to isolate the tank from the location shown in picture.

A: The wafer style valves are threaded on both sides and the bolts can be removed from one side and secured on the other side - permitting removal of the butted flange or valve. Methods and means are the responsibility of the selected design-build firm. For the purpose of the proposals you should assume the tank can be isolated.

END OF ADDENDUM