

ADDENDUM NO. 2

July 9, 2002

Notice to All Bidders:

The attention of Bidders submitting proposals for the 103rd Air Control Squadron project indicated above is called to the following Addendum to the Plans and Specifications. The revisions set forth herein, whether of omission, addition or substitution, are to be included in and form a part of the Proposal submitted.

The number of this Addendum must be entered in the space provided on the Bid Form.

Changes to the Specifications:

Section 01400, Quality Control

- A. In Paragraph 1.01C, delete the word “continuous” shown in parenthesis and the phrase “testing, Contracting Officer, and other specified services.”
- B. Delete Paragraph 1.01E in its entirety.
- C. Delete Paragraph 1.03B in its entirety.

Section 01500, Temporary Facilities and Controls

- A. In Paragraph 1.02B, delete items 4 and 5 regarding gas service and heat service, respectively.
- B. In Paragraph 3.02C, in Item 1, insert the phrase “sign on 4’ x 8’ plywood” after the word “identification.”
- C. Delete Paragraph 3.04C in its entirety.

Section 15075, Mechanical Identification

- A. Insert the following after Paragraph 2.06:

2.07 POSTED OPERATING INSTRUCTIONS (POI's)

- A. Posted Operating Instructions (POI's) shall be provided in color, with professionally prepared graphics, printed on full-size sheets. POI's shall be prepared for all mechanical systems and shall include the following:
1. Comprehensive schematics for air distribution and handling systems.
 2. Facility floor plans showing location of all equipment with coordinated identification.
 3. Piping diagrams (heating, chilled).
 4. System diagrams, including isometrics of equipment and systems (boilers, pumps, AHU's, VAV's, FCU's, ventilation systems, etc.).
 5. Valve charts.
 6. Equipment schedules.
- B. POI's shall be mounted under glass in extruded metal frames and affixed to the clear wall area reserved in each mechanical room.

Section 15900, HVAC Instrumentation and Controls

- A. Insert the following after Paragraph 2.09:

2.10 POSTED OPERATING INSTRUCTIONS (POI's)

- A. POI's shall include full control diagrams with the following:
1. Sequence of operation control diagrams.
 2. Points list with all defined PI/AI/AO/DI/DO points and the specific sequence of operation.
 3. Schematic HVAC systems and operations diagrams showing piping and ducting systems relative to each major item of equipment.
- B. All control termination points shall be permanently labeled and documented at the panel and in the POI's.
- C. POI's shall be mounted under glass in extruded metal frames and affixed to the clear wall area reserved in each mechanical room.
- D. For facilities with a BAS system, POI's may be included as part of the BAS database. POI's may be prepared in word and graphic format and incorporated into the Base's BAS system PC graphics point-and-click system. All systems diagrams, floor plans, systems details, and operations text shall be prepared in

formats suitable for that PC system and detailed into the BAS database for ease of use.

- B. In Paragraph 3.6A.2, change “40 hours” to “80 hours’.”

Changes to the Drawings:

Drawing M101 Lower Level Ductwork Plan

- A. Add the following to the list of notes at the upper right-hand corner:

13. Indicate equipment access clear zones by painting the mechanical room floor in accordance with the manufacturer’s printed instructions.
14. Provide a wall-mounted mesh-style lockable storage cabinet for housing copies of the O&M manuals in the mechanical room. Locks for multiple cabinets shall be keyed alike.
15. Locate framed POI’s in suitable locations on the mechanical room wall.

Drawing M102 Upper Level Ductwork Plan

- A. Refer to revised Drawing M102 included herewith for additional ventilation requirements in Hazmat Room 249.

Drawing M105 Attic Ductwork Partial Plan

- A. Add the following to the list of notes at the upper right-hand corner:

9. Indicate equipment access clear zones by painting the mechanical room floor in accordance with the manufacturer’s printed instructions.

10. Provide a wall-mounted mesh style lockable storage cabinet for housing copies of the O&M manuals in the mechanical room. Locks for multiple cabinets shall be keyed alike.

11. Locate framed POI's in suitable locations on the mechanical room wall.

Drawing M301 HVAC Schedules

A. Add the following to the Fan Schedule:

Symbol: EF-18; Manufacturer: Greenheck; Model No.: BSQ-80; CFM: 300; SP: 0.5;
Type: In-Line Centrifugal; Drive Type: Belt; RPM: 1,300; HP: ¼; Electrical V/Ph/Hz:
115/1/60; Location: Hazmat 249; Service: Hazmat 249; Remarks: 1, 2, 3, 6 and 7.

End of Addendum No. 2