



13 August 2012

MILITARY DEPARTMENT
STATE of NEBRASKA
LINCOLN, NEBRASKA

**NEBRASKA ARMY NATIONAL GUARD
CHADRON READINESS CENTER HVAC REPLACEMENT**

at

Chadron Readiness Center
485 East 12th Street
Chadron, NE

PROJECT NO. 31030092

ADDENDUM NO. 1

The original specifications and drawings on the STATE OF NEBRASKA REQUEST for PROPOSAL FORM for the project noted above are amended as noted in this Addendum No. 1.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

ADDENDUM NO. 1

NOTE TO ALL PLANHOLDERS: Please insert this Addendum into your copy of the Contract Documents for the above named project.

The following changes to the Contract Documents are issued by the CFMO-CMB and shall have the same force and affect as though a part of the original issue.


THE RECEIPT DATE, TIME and LOCATION of the BID PROPOSAL submission HAS NOT CHANGED.

ITEM NO.

- ADD 1-1 Pre-Bid Meeting Sign-In Sheet. Refer to the sign-in sheet, attached at the end of this addendum.
- ADD 1-2 Specifications Addition of the following section
A. Specification section 15855 Diffusers, Registers, and Grills
- ADD 1-3 Sheet A101.
A. Provide an access panel to the existing perimeter chase at Telecom Room #108 and Locker Room #130.
B. Panel to be a retro fit panel, Acudor Model FT-8040, nominal door size to be 30"x30". Infill access door assembly with vct at room #108, and #130. After installation in room #130, simply relay the removable weight flooring over the unit.
C. Anchor system to concrete through the top flange of the access panel. Minimum of 3 anchors per side. Anchor size per manufacturers recommendation.

- ADD 1-4 Sheet A400, Detail D-6, Fresh Air Duct Removal
1. Note indicates the installation of a new panel at the location of opening being in filled. Note to be changed to indicate the replacement of the full panel from top to bottom, instead of a partial panel. This will reflect the removal and replacement of two full panels.
- ADD 1-5 Sheet M002, First Level Mechanical Demolition Plan
A. Clarification: Existing underground gas piping to be utilized as best as possible for the new installation of the gas meter. Tap into the existing gas line for relocation of the meter, as well as tapping into the existing underground line to the unit heaters.
- ADD 1-6 Sheet M101, Lower Level Mechanical Plan
A. The under floor chase area to have all of the existing poly to be removed and replaced with new 10 mill vapor barrier.
- ADD 1-7 Sheet M102, Gas Riser Schematics
A. Provide a shut off valve to each of the building zones. Building zones to be the office portion of the facility, the Drill area, and the Vehicle Storage.

THIS ADDENDUM SHALL BE ATTACHED TO AND MADE A PART OF THE DRAWINGS AND SPECIFICATIONS AND SHALL BE ACKNOWLEDGED WITH THE BIDDER'S PROPOSAL.



J U D D H . L Y O N S
MAJOR GENERAL The Adjutant General

End of Addendum No. 1





PRE - BID CONFERENCE

CHADRON READINESS CENTER HVAC REPLACEMENT
485 East 12TH STREET, Chadron, NE

7 AUGUST 2012 1100 HOURS

<u>NAME</u>	<u>COMPANY / FIRM</u>	<u>ADDRESS</u>	<u>PHONE #</u>	<u>E-MAIL</u>
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Terry Brown	Small Services Inc	2345 No. 10 th Geny, NE 68541	308-436-7312	
SFC Colby McGay	1057 th TC/MIL DEPT	485 E. 12 th St, Chadron, NE 68337	402 309-8501	
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SECTION 15855 - DIFFUSERS, REGISTERS, AND GRILLES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes ceiling- and wall-mounted diffusers, registers, and grilles.

1.2 SUBMITTALS

- A. Certificates: Provide a separate, individual submittal on all products submitted under this section. Submittal to be a certificate of a United States produced product. Certificate to list product, where it is produced, and a statement of compliance with the Buy American requirements contained in Section 50101 of Title 49 United States Code (USC) ("the Act"), and the Regulation promulgated pursuant thereto.
- B. Product Data: For each product indicated, include the following:
 - 1. Data Sheet: Indicate materials of construction, finish, and mounting details; and performance data including throw and drop, static-pressure drop, and noise ratings.

PART 2 - PRODUCTS

2.1 BUY AMERICAN

- A. All materials, equipment, and system components to be produced in the United States as defined in the Buy American requirements contained in Section 50101 of Title 49 United States Code (USC) ("the Act"), and the Regulation promulgated pursuant thereto. If material, equipment, or system components are listed in this section as approved manufacturers or listed or shown on the drawings, they are only acceptable manufacturers if manufactured and produced meeting the requirements of the above listed Act and accompanied by the certificate required under Submittals.
- B. In the event the listed manufacturers do not fully comply with the "Buy American" requirement, notify the Engineer and provide for prior approval, an alternate manufacturer that can meet the requirements. The supporting information shall be provided 10 business days prior to bid date for Engineer review.

2.2 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the manufacturers specified.

2.3 GRILLES AND REGISTERS

A. Adjustable Bar Grille or Register:

1. Manufacturers:
 - a. Krueger.
 - b. Price Industries.
 - c. Titus.
 - d. Tuttle & Bailey.
2. Finish: Finish selected by Architect/Engineer on drawings.
3. Blade Arrangement: Streamlined blades, single or double deflection as scheduled.
4. Mounting Frame: Ceiling and wall frame types and dimensions shall be verified from architectural drawings.
5. Mounting: Verify ceiling frame and panel style and dimension with reflected ceiling plan, room finish schedule and material type.
6. Damper Type: Adjustable opposed-blade assembly. Integral volume dampers shall be used only if devices are installed directly on trunk duct.

2.4 SOURCE QUALITY CONTROL

- A. Verification of Performance: Rate diffusers, registers, and grilles according to ASHRAE 70, "Method of Testing for Rating the Performance of Air Outlets and Inlets."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas where diffusers, registers, and grilles are to be installed for compliance with requirements for installation tolerances and other conditions affecting performance of equipment.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install diffusers, registers, and grilles level and plumb according to manufacturer's written instructions and coordination drawings.
- B. Ceiling-Mounted Outlets and Inlets: Drawings indicate general arrangement of ducts, fittings, and accessories. Air outlet and inlet locations have been indicated to achieve design requirements for air volume, noise criteria, airflow pattern, throw, and pressure drop. Make final locations where indicated, as much as practicable. For units installed in lay-in ceiling panels, locate units in the center of panel. Where architectural features or other items conflict with installation, notify Architect/Engineer for a determination of final location.
- C. Install diffusers, registers, and grilles with airtight connections to ducts and to allow service and maintenance of dampers, air extractors, and fire dampers.

- D. All return grilles in plenums shall be installed with 24 x 24 x 12 or 24 x 12 x 12 back pan matching return grille dimensions unless detailed otherwise in documents. Back pan shall be painted black.

3.3 ADJUSTING

- A. After installation, adjust diffusers, registers, and grilles to air patterns indicated, or as directed, before starting air balancing.

3.4 CLEANING

- A. Inspect exposed finish of diffusers, registers, and grilles after installation. Clean exposed surfaces and replace diffusers, registers, and grilles having damaged finishes.

END OF SECTION 15855