



27 JAN 2015

MILITARY DEPARTMENT
STATE of NEBRASKA
LINCOLN, NEBRASKA

**NEBRASKA ARMY NATIONAL GUARD
LINCOLN COMPLEX, FMS#1 SUSTAINMENT PROJECT**

at the

**FMS #1
1111 Military Rd
Lincoln, NE 68508**

for the

MILITARY DEPARTMENT
STATE of NEBRASKA
Lincoln, Nebraska

PROJECT NO. 31100108

A D D E N D U M N O . 2

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. 2.

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

ADDENDUM NO. 2

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

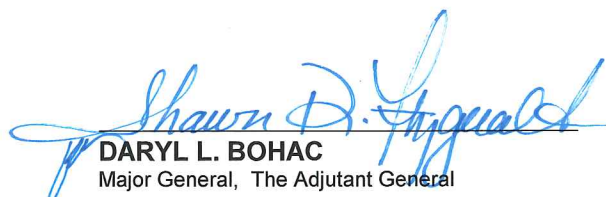
The following changes to the Contract Documents are issued by the CFMO-CMB and shall have the same force and affect as though a part of the original issue.

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

ITEM NO.:

ADD 1-1: Section 077200 - Roof Accessories, entire section is attached.

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


DARYL L. BOHAC
Major General, The Adjutant General

End of Addendum No. 2



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SECTION 077200 - ROOF ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Roof hatches.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of roof accessory indicated.
- B. Shop Drawings: For roof accessories showing construction and opening direction.
- C. Samples: For each exposed product specified.

1.3 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Roof plans, drawn to scale, and coordinating penetrations and roof-mounted items.

1.4 CLOSEOUT SUBMITTALS

- A. Operation and maintenance data.

PART 2 - PRODUCTS

2.1 ROOF HATCH

- A. Roof Hatches: Metal roof-hatch units with insulated lids and insulated double-walled curbs, welded or mechanically fastened and sealed corner joints, continuous lid-to-curb counterflashing and weathertight perimeter gasketing, and integrally formed deck-mounting flange at perimeter bottom.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Bilco Company (The).
 - b. J. L. Industries, Inc.
 - c. Milcor Inc.; Commercial Products Group of Hart & Cooley, Inc.
 - d. Nystrom.
 - e. O'Keeffe's Inc.

- B. Type and Size: Single-leaf lid, **30 by 48 inches** clear inside.

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- C. Loads: Minimum 40-lbf/sq. ft. external live load and 20-lbf/sq. ft. internal uplift load.
- D. Hatch Material: Steel sheet, 0.074 inch thick or as required to meet loading.
 - 1. Finish: Manufactures standard powder coat finish. Color shall be Bronze.
- E. Construction:
 - 1. Insulation: 1" polyisocyanurate in curb and lid.
 - 2. Hatch Lid: Opaque, with insulation, with manufacturer's standard metal liner of same material and finish as outer metal lid with extruded EPDM gasket, fully welded at corners
 - 3. Curb: Double wall curb, 14 gauge, insulated, with integral metal cap flashing, fully welded at corners including flashing system for built-up membrane roofing system of same material and finish as hatch lid.
 - 4. Fabricate curbs to minimum height of 12 inches above membrane roof surface.
 - 5. Lift assistance: Compression spring operators enclosed in telescopic tubes. Automatic hold-open arm with grip handle release.
- F. Hardware: Galvanized-steel spring latch with turn handles, heavy stainless steel pintle-type hinge system, and padlock hasps.
- G. Ladder-Assist Post: Roof-hatch manufacturer's standard device for attachment to roof-access ladder. Post locks in place automatically on full extension; manual release mechanism un-locks and allows for return to closed position.

2.2 MISCELLANEOUS MATERIALS

- A. General: Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items required by manufacturer for a complete installation.
- B. Wood Nailers: Softwood lumber, not less than 1-1/2 inches thick.
- C. Fasteners: Roof accessory manufacturer's recommended fasteners suitable for application and metals being fastened. Match finish of exposed fasteners with finish of material being fastened. Provide nonremovable fastener heads to exterior exposed fasteners.
- D. Sealants: As recommended by roof accessory manufacturer for installation indicated.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Verify dimensions of roof openings for roof accessories. Install roof accessories according to manufacturer's written instructions.
 - 1. Install roof accessories level, plumb, true to line and elevation, and without warping, jogs in alignment, excessive oil canning, buckling, or tool marks.
 - 2. Anchor roof accessories securely in place so they are capable of resisting indicated loads.

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3. Use fasteners, separators, sealants, and other miscellaneous items as required to complete installation of roof accessories and fit them to substrates.
4. Install roof accessories to resist exposure to weather without failing, rattling, leaking, or loosening of fasteners and seals.

B. Seal joints with sealant as required by roof accessory manufacturer.

3.2 REPAIR AND CLEANING

A. Touch up factory-painted surfaces as recommended by the manufacturer.

B. Replace roof accessories that have been damaged or that cannot be successfully repaired by finish touchup or similar minor repair procedures.

END OF SECTION 077200