DAVIS DESIGN

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ADDENDUM

PROJECT: State of Nebraska
Grand Island Veteran's Home
WWII / Phillips Building
Mechanical, Electrical, and ADA Upgrades
Grand Island, Nebraska

ADDENDUM NUMBER

AD-5

ISSUED BY:

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PROJECT #: 08-0059

DATE ISSUED: Thursday, February 2, 2012

This addendum is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.
BIDDER MUST ENTER THE NUMBER OF THIS ADDENDUM ON HIS PROPOSAL SHEET

THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:

AD-5, ITEM 1:

In reference to the Notice to Bidders, Pre-bid Meeting is no longer mandatory; site visits are recommended. Contractors are to contact Veteran's Home Maintenance Department for access to building.

AD-5, ITEM 2:

In reference to the Special Conditions, add the following:

16. BUILDERS RISK INSURANCE

For clarification, the builder's risk insurance is to only cover the value of the project and not the entire campus.

AD-5, ITEM 3:

In reference to specification Section 003126 – Existing Hazardous Material Information, asbestos remediation under separate contract will have to be complete before work can be done by General Contractor. Contractor must coordinate each phase with asbestos remediation.

AD-5, ITEM 4:

In reference to specification Section 074213.19 – Insulated Metal Wall Panels, note the following changes:

Use a panel thickness to achieve a minimum insulation value of wall is R-16.

Remove Article 2.3 and associated paragraphs and subparagraphs. Laminated Insulation Core Panels will no longer be accepted.

AD-5, ITEM 5:

In reference to specification Section 092216 – Non-structural Metal Framing, see attached section.

AD-5, ITEM 6:

In reference to the Specifications, the following manufacturers are approved for the products in the corresponding sections:

23 37 37 Diffusers, Registers, and Grilles - Nalor
Radiant Ceiling Panels - Raywall

THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:

AD-5, ITEM 7:

In reference to drawing Sheet A-601, all new interior door frames to receive paint finish.

AD-5, ITEM 8:

In reference to drawing Sheet A-601, Alternate A-1 on bid form is to include removal of wall covering and preparation for paint on all bedrooms of the Phillips Building.

AD-5, ITEM 9:

In reference to drawing Sheet M-402, Mechanical Schedules, Cooling Coil Data:

Change the Entering Air Temperatures for CC-1, 2, 3, 4 to 81 DB and 68 WB.
Change the water flow rate and total MBH for CC-1 and CC-2 to 45.3 GPM and 227 MBH.
Change the water flow rate and total MBH for CC-3 and CC-4 to 32.5 GPM and 163 MBH.

AD-5, ITEM 10:

In reference to drawing Sheet FS-103, Third Level Fire Sprinkler Plan, provide a new wet-pipe fire sprinkler system in WWII Penthouse and the Phillips Penthouse.

AD-5, ITEM 11:

In reference to drawing Sheet E-501, refer to the Lighting Fixture Schedule. The following shall be acceptable manufacturers:

Type A1: Cooper 2GC8
Type A2: Cooper 2GC8
Type A3: Cooper 2GC8
Type AE: Cooper 2GC8
Type B1: Cooper 2GC8
Type B2: Cooper 2GC8
Type C1: Cooper CFG
Type D1: Cooper CSQ6
Type G1: Cooper BAU (ANTIMICROBIAL)
Type H2: Lumiere 904
Type J1: Cooper GC
Type K1: Cooper 2GC8
Type L1: Cooper DMFN
Type L1E: Cooper DMFN
Type N1: Cooper GC8
Type Q1: Cooper CFG
Type S1: Cooper LDSQ6
Type X1: Cooper LPX

END AD-5

SECTION 092216 - NON-STRUCTURAL METAL FRAMING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Non-load-bearing steel framing systems for interior gypsum board assemblies.
2. Suspension systems for interior gypsum ceilings and soffits.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: Provide materials and construction identical to those tested according to ASTM E 119.

B. STC-Rated Assemblies: Provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413.

2.2 FRAMING SYSTEMS

A. Steel Studs and Runners: ASTM C 645. Use either steel studs and runners or dimpled steel studs and runners of equivalent minimum base-metal thickness.

1. Minimum Base-Metal Thickness: 0.033 inch.
2. Depth: As indicated on Drawings.

B. Slip-Type Head Joints: Where indicated, provide one of the following in thickness not less than indicated for studs and in width to accommodate depth of studs:

1. Single Long-Leg Runner System: ASTM C 645 top runner with 2-inch- deep flanges, installed with studs friction fit into top runner and with continuous bridging located within 12 inches of the top of studs to provide lateral bracing.
2. Double-Runner System: ASTM C 645 top runners, inside runner with 2-inch- deep flanges and fastened to studs, and outer runner sized to friction fit inside runner.

3. Slotted Deflection Track: Slotted steel sheet top runner manufactured to prevent cracking of finishes due to deflection of structure above.

   a. Products: Subject to compliance with requirements, provide one of the following:

      1) Dietrich Metal Framing; SLP-TRK Slotted Deflection Track.
      2) MBA Building Supplies; Slotted Deflecto Track.
      3) Telling Industries; Vertical Slip Track.

C. Firestop Tracks: Manufactured to allow partition heads to expand and contract with movement of the structure while maintaining continuity of fire-resistance-rated assembly indicated; in thickness not less than indicated for studs and in width to accommodate depth of studs.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

   a. Fire Trak Corp.; Fire Trak System attached to studs with Fire Trak Posi Klip.
   b. Grace Construction Products; FlameSafe FlowTrak System.
   c. Metal-Lite, Inc.; The System.

D. Flat Strap and Backing Plate: Steel sheet for blocking and bracing in length and width indicated.

1. Minimum Base-Metal Thickness: 0.033 inch.

E. Hat-Shaped, Rigid Furring Channels: ASTM C 645.

1. Minimum Base-Metal Thickness: 0.018 inch.
2. Depth: As indicated on Drawings.

F. Resilient Furring Channels: 1/2-inch deep, steel sheet members designed to reduce sound transmission.

1. Configuration: Asymmetrical or hat shaped.

G. Z-Shaped Furring: With slotted or nonslotted web, face flange of 1-1/4 inches, wall attachment flange of 7/8 inch, minimum uncoated-metal thickness of 0.018 inch, and depth required to fit insulation thickness indicated.

2.3 SUSPENSION SYSTEMS

A. Tie Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.062-inch diameter wire, or double strand of 0.048-inch diameter wire.

B. Hanger Attachments to Concrete:

1. Anchors: Capable of sustaining a load equal to 5 times that imposed as determined by ASTM E 488.

   a. Type: Postinstalled, chemical anchor or postinstalled, expansion anchor.

2. Powder-Actuated Fasteners: Capable of sustaining, a load equal to 10 times that imposed as determined by ASTM E 1190.

C. Wire Hangers: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.16 inch in diameter.

D. Flat Hangers: Steel sheet, 1 by 3/16 inch by length indicated.

E. Carrying Channels: Cold-rolled, commercial-steel sheet with a base-metal thickness of 0.053 inch and minimum 1/2-inch- wide flanges.

1. Depth: As indicated on Drawings.

2.4 AUXILIARY MATERIALS

A. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

B. Isolation Strip at Exterior Walls: Provide asphalt saturated organic felt or foam gasket.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Installation Standard: ASTM C 754.

1. Gypsum Board Assemblies: Also comply with requirements in ASTM C 840 that apply to framing installation.

B. Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction.

C. Install bracing at terminations in assemblies.

D. Do not bridge building control and expansion joints with non-load-bearing steel framing members. Frame both sides of joints independently.

3.2 INSTALLING FRAMED ASSEMBLIES

A. Install framing system components according to spacings indicated, but not greater than spacings required by referenced installation standards for assembly types.

B. Where studs are installed directly against exterior masonry walls or dissimilar metals at exterior walls, install isolation strip between studs and exterior wall.

C. Install studs so flanges within framing system point in same direction.

D. Install tracks (runners) at floors and overhead supports. Extend framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing around ducts penetrating partitions above ceiling.

1. Slip-Type Head Joints: Where framing extends to overhead structural supports, install to produce joints at tops of framing systems that prevent axial loading of finished assemblies.

    a. Remove top screws of non-slotted deflection track prior to covering top portion with gypsum board.

2. Door Openings: Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.

    a. Install two studs at each jamb unless otherwise indicated.
    b. Install cripple studs at head adjacent to each jamb stud, with a minimum 1/2-inch clearance from jamb stud to allow for installation of control joint in finished assembly.
    c. Extend jamb studs through suspended ceilings and attach to underside of overhead structure.

3. Other Framed Openings: Frame openings other than door openings the same as required for door openings unless otherwise indicated. Install framing below sills of openings to match framing required above door heads.
4. Fire-Resistance-Rated Partitions: Install framing to comply with fire-resistance-rated assembly indicated and support closures and to make partitions continuous from floor to underside of solid structure.

    a. Firestop Track: Where indicated, install to maintain continuity of fire-resistance-rated assembly indicated.

5. Sound-Rated Partitions: Install framing to comply with sound-rated assembly indicated.

E. Direct Furring:

1. Screw to wood framing.
2. Attach to concrete or masonry with stub nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 inches o.c.

F. Z-Furring Members:

1. Erect insulation vertically and hold in place with Z-furring members spaced 24 inches o.c.
2. Except at exterior corners, securely attach narrow flanges of furring members to wall with concrete stub nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 inches o.c.
3. At exterior corners, attach wide flange of furring members to wall with short flange extending beyond corner; on adjacent wall surface, screw-attach short flange of furring channel to web of attached channel. At interior corners, space second member no more than 12 inches from corner and cut insulation to fit.

3.3 INSTALLING SUSPENSION SYSTEMS

A. Install suspension system components according to spacings indicated, but not greater than spacings required by referenced installation standards for assembly types.

B. Isolate suspension systems from building structure where they abut or are penetrated by building structure to prevent transfer of loading imposed by structural movement.

C. Suspend hangers from building structure as follows:

1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structural or suspension system.

    a. Splay hangers only where required to miss obstructions and offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.

2. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with locations of hangers, install supplemental suspension members and hangers in the form of trapezes or equivalent devices.
3. Do not attach hangers to steel roof deck.
4. Do not attach hangers to permanent metal forms. Furnish cast-in-place hanger inserts that extend through forms.
5. Do not attach hangers to rolled-in hanger tabs of composite steel floor deck.
6. Do not connect or suspend steel framing from ducts, pipes, or conduit.

D. Fire-Resistance-Rated Assemblies: Wire tie furring channels to supports.

E. Installation Tolerances: Install suspension systems that are level to within 1/8 inch in 12 feet measured lengthwise on each member that will receive finishes and transversely between parallel members that will receive finishes.

END OF SECTION 092216