

DATE: March 2, 2016

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TO: Prospective Bidders and Plan Holders

RE: Addendum No. 2 to the Bidding Documents for:  
Bowen Hall Renovation and Addition  
Schemmer Project No. 06714.002

This addendum is issued by the Architect to the Contractor. This Addendum shall be made a part of the Contract Documents. Acknowledge receipt of this Addendum shall be provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

Prior approval of manufacturers is a general approval only for bidding purposes. Final approval of the products is contingent upon the submittal of product data and/or shop drawings which will have to meet the specific design requirements and the specifications.

This addendum consists of five (5) pages of written addendum items and zero (0) pages of supplemental drawings.

THE SCHEMMER ASSOCIATES INC.  
ARCHITECTS | ENGINEERS | PLANNERS

# **PROJECT MANUAL**

## **ARCHITECTURAL**

### **Item No. SA-1**

The manufacturers listed below shall be added to the specifications and are listed for the purposes of bidding only. These are not pre-approvals. Final approval of the products is contingent upon the submittal of product data and/or shop drawings, which have met the specific design requirements as scheduled and/or specified for this project.

<u>Section</u>	<u>Item</u>	<u>Manufacturer</u>
033000	Cast-In-Place-Concrete	SpecChem, Cure N Seal 25 WB
072729	Air-Barrier Coatings	Carlisle Coatings & Waterproofing, Barritech VP
101423	Panel Signage	Graphic Solutions, Inc.

### **Item No. SA-2**

Per Nebraska State College System (NSCS) Design Guidelines provide the following attic stock for interior finish materials:

Tiling - Provide 5% of total tile area of each type of tile.

Acoustical Ceiling Tile - Provide 5% of total acoustical unit area of each type of acoustical unit.

Carpet Tile - 10 tiles of each type, color and pattern installed.

### **Item No. SA-3**

Section 042000 UNIT MASONRY

2.2.C.5. Revise Item a. as follows:

- a. Endicott Brick, custom blend, modular smooth - 30% Medium Ironspot 77 / 30% Executive Ironspot / 20% Desert Ironspot (Dark Range) / 10% Medium Ironspot 46 / 10% Light Sandstone.

### **Item No. SA-4**

Section 084113 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Add paragraph 2.9 as follows for operable windows:

#### 2.9 VENTING WINDOWS

- A. Aluminum Windows: Manufacturer's standard units, complying with AAMA/WDMA/CSA 101/I.S.2/A440, with self-flashing mounting fins, and as follows:
  1. Window Type: Horizontal sliding As indicated on Drawings.
  2. Minimum Performance Class: AW.
  3. Minimum Performance Grade: 90.
  4. Aluminum Extrusions: ASTM B 221M (ASTM B 221), alloy and temper recommended by manufacturer for strength, corrosion resistance, and application of required finish, but not less than -0.064-inch thickness at any location for main frame and sash members.
    - a. Thermally Improved Construction: Fabricate window units with an integral, concealed, low-conductance thermal barrier; located between exterior materials and window members exposed on interior side; in a manner that eliminates direct metal-to-metal contact.
  5. Mullions: Between adjacent windows, fabricated of extruded aluminum matching finish of window units.
  6. Fasteners, Anchors, and Clips: Nonmagnetic stainless steel, aluminum, or other

noncorrosive material, compatible with aluminum window members, trim, hardware, anchors, and other components of window units. Fasteners shall not be exposed, except for attaching hardware.

- a. Reinforcement: Where fasteners screw-anchor into aluminum less than 0.128 inch thick, reinforce interior with aluminum or nonmagnetic stainless steel to receive screw threads, or provide standard, noncorrosive, pressed-in, spline grommet nuts.
7. Hardware: Manufacturer's standard; of aluminum, stainless steel, die-cast steel, malleable iron, or bronze; including the following:
    - a. Spring-loaded, snap-type lock at jambs.
    - b. Nylon sash rollers for horizontal-sliding units.
  8. Sliding-Type Weather Stripping: Woven-pile weather stripping of wool, polypropylene, or nylon pile and resin-impregnated backing fabric; complying with AAMA 701/702.
  9. Insect Screens: Provide removable insect screen on each operable exterior sash, with screen frame finished to match window unit, complying with SMA 1004 or SMA 1201, and as follows:
    - a. Aluminum Wire Fabric: 18-by-18, 18-by-16, or 18-by-14 mesh of 0.013-inch diameter, coated aluminum wire.
- B. Glazing: Same as adjacent aluminum-framed entrances and storefront glazing.  
C. Finish: Match adjacent aluminum-framed entrances and storefront finish.

#### **Item No. SA-5**

##### Section 08084413 GLAZED ALUMINUM CURTAIN WALL

Add paragraph 2.7 as follows for operable windows:

#### 2.7 VENTING WINDOWS

- A. Aluminum Windows: AAMA/WDMA/CSA 101/I.S.2/A440, manufacturer's standard, with self-flashing mounting fins, and as follows:
  1. Window Type: Outward projecting as indicated on Drawings. Note that the Window Type W22 on sheet A3-03 graphically shows the student bedroom Alternate No. 1 windows as hinged at the bottom, but should show the hinge at the top. Intent is an awning style, not a hopper, project out panel as noted.
  2. Minimum Performance Class: AW.
  3. Minimum Performance Grade: 90.
  4. Aluminum Extrusions: ASTM B 221M (ASTM B 221), alloy and temper recommended by manufacturer for strength, corrosion resistance, and application of required finish, but not less than 0.064-inch thickness at any location for main frame and sash members.
    - a. Thermally Improved Construction: Fabricate window units with an integral, concealed, low-conductance thermal barrier; located between exterior materials and window members exposed on interior side; in a manner that eliminates direct metal-to-metal contact.
  5. Mullions: Between adjacent windows, fabricated of extruded aluminum matching finish of window units.

6. Fasteners, Anchors, and Clips: Nonmagnetic stainless steel, aluminum, or other noncorrosive material, compatible with aluminum window members, trim, hardware, anchors, and other components of window units. Fasteners shall not be exposed, except for attaching hardware.
    - a. Reinforcement: Where fasteners screw-anchor into aluminum less than 0.128 inch thick, reinforce interior with aluminum or nonmagnetic stainless steel to receive screw threads, or provide standard, noncorrosive, pressed-in, spline grommet nuts.
  7. Hardware: Manufacturer's standard; of aluminum, stainless steel, die-cast steel, malleable iron, or bronze; including the following:
    - a. Cam-action sweep sash lock and keeper at meeting rails.
    - b. Steel or bronze operating arms.
    - c. Limiting device that allows for no more than 4" opening.
  8. Insect Screens: Provide removable insect screen on each operable exterior sash, with screen frame finished to match window unit, complying with SMA 1004 or SMA 1201, and as follows:
    - a. Aluminum Wire Fabric: 18-by-18, 18-by-16, or 18-by-14 mesh of 0.013-inch diameter, coated aluminum wire.
- C. Glazing: Same as adjacent glazed aluminum curtain-wall glazing.  
 D. Finish: Match adjacent glazed aluminum curtain-wall finish.

**Item No. SA-6**

Section 087100 DOOR HARDWARE

3.3 Add Item G. as follows:

- A. Owner will install permanent lock cylinder cores. Contractor may install construction cores to secure building area during construction period.

**Item No. SA-7**

Section 104414 FIRE-PROTECTION SPECIALTIES

2.3 Revise Item A. as follows to limit pre-approved manufacturer per NSCS Guidelines:

- A. Manufacturers:
  1. JL Industries, Inc.
  2. Larsen's Manufacturing Company.
  3. Or approved equal.

**MECHANICAL**

**Item No. SM-1**

The following shall be considered approved equals:

- 230593 – Approved Balancers – ReCom Inc.  
 232216 – Flash Tanks – Armstrong, Shippensburg Pump Co.  
 232216 – Steam Traps – Sterling, Watson McDaniel Co., Mepco  
 232216 – Steam Safety Relief Valve – Kunkle  
 233413 – Axial HVAC Fans – Twin City Fans

**Item No. SM-2**

Regarding domestic water piping, specification 221116. At the contractor's option, aquatherm piping may be used in place of piping as specified. Contractor shall make all fusion weld joints per the manufacturer's requirements and shall be trained in the installation of Aquatherm piping. Piping shall be supported per the specifications and manufacturer recommended intervals.

**Item No. SM-3**

Regarding chilled water and heatpump water piping, specification 232113. At the contractor's option, aquatherm piping may be used in place of piping as specified for systems listed above. Contractor shall make all fusion weld joints per the manufacturer's requirements and shall be trained in the installation of Aquatherm piping. Piping shall be supported per the specifications and manufacturer recommended intervals.

## **DRAWINGS**

### **ARCHITECTURAL**

**Item No. DA-1, Sheet A0-02**

Demolition Plan Notes: ADD the following verbiage to Note D7a: "AT TRASH CHUTES, ALSO REMOVE FOOT LEVER ASSEMBLY IN ITS ENTIRETY."

**Item No. DA-2, Sheet A1-04**

Enlarged Plan Notes: ADD the following verbiage to Note 6a: "ALSO UNDER BASE BID: INFILL THE FOOT PEDAL OPENING BELOW THE TRASH CHUTE WITH 2-HOUR FIRE RATED CONSTRUCTION. UNDER ALTERNATE #2, FOOT PEDAL OPENING MAY BE INFILLED WITH NON-RATED CONSTRUCTION. PATCH GAP IN WOOD BASE WITH SIMILAR PROFILE – SALVAGED OR NEW."

### **MECHANICAL**

**Item No. DM-1, Sheet M5-01**

Air/Dirt Separator AS-2 shall be listed as a VDN400 in the Miscellaneous Mechanical Equipment Schedule.

END OF ADDENDUM NO. 2