

Addendum No. 1
March 4, 2021

Project: Beadle County Highway Maintenance Building
Huron, SD
2832

Architect: Architecture Incorporated

Letting: March 11, 2021
2:00 PM
Beadle County Auditor
450 3rd Street SW, Suite 201
Huron, South Dakota, 57350

Scope of this Addendum:

To all bidders and all others to whom drawings and specifications have been issued by Architecture Incorporated, this Addendum forms a part of the Contract Documents. Acknowledge receipt of this addendum by listing its number and date in the bidder's Form of Proposal. Failure to do so may subject bidder to disqualification. This addendum modifies the drawings and specifications as follows:

GENERAL ITEMS:

1) SPECIFICATION SECTION 081416 – FLUSH WOOD DOORS

- a) See specification information below regarding Wood Doors.

(1) FLUSH WOOD DOORS, GENERAL

- (a) WDMA I.S.1-A Performance Grade: [**Extra Heavy Duty**].
- (b) Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to [**NFPA 252**] [**or**] [**UL 10C**].
- (i) Oversize Fire-Rated Door Assemblies: For units exceeding sizes of tested assemblies, provide certification by a qualified testing agency that doors comply with standard construction requirements for tested and labeled fire-rated door assemblies except for size.
- (ii) Cores: Provide core specified or mineral core as needed to provide fire-protection rating indicated.
- (iii) Edge Construction: Provide edge construction with intumescent seals concealed by outer stile. Comply with specified requirements for exposed edges.
- (iv) Pairs: Provide fire-retardant stiles that are listed and labeled for applications indicated without formed-steel edges and astragals. Provide stiles with concealed intumescent seals. Comply with specified requirements for exposed edges.
- (c) Particleboard-Core Doors:
- (i) Particleboard: ANSI A208.1, [**Grade LD-1**] [**or**] [**Grade LD-2**], **made with binder containing no urea-formaldehyde**].

(ii) Blocking: Provide wood blocking in particleboard-core doors as **[needed to eliminate through-bolting hardware]**, as follows:

1. **5-inch (125-mm)** top-rail blocking, in doors indicated to have closers.
2. **5-inch (125-mm)** bottom-rail blocking, in exterior doors and doors indicated to have kick, mop, or armor plates.
3. **5-inch (125-mm)** midrail blocking, in doors indicated to have exit devices.

(d) Mineral-Core Doors:

(i) Core: Noncombustible mineral product complying with requirements of referenced quality standard and testing and inspecting agency for fire-protection rating indicated.

(ii) Blocking: Provide composite blocking with improved screw-holding capability approved for use in doors of fire-protection ratings indicated as **[needed to eliminate through-bolting hardware]**, as follows:

1. **5-inch (125-mm)** top-rail blocking.
2. **5-inch (125-mm)** bottom-rail blocking, in doors indicated to have protection plates.
3. **5-inch (125-mm)** midrail blocking, in doors indicated to have armor plates.
4. **[4-1/2-by-10-inch (114-by-250-mm) lock blocks] [5-inch (125-mm) midrail blocking]**, in doors indicated to have exit devices.

(iii) Edge Construction: At hinge stiles, provide laminated-edge construction with improved screw-holding capability and split resistance. Comply with specified requirements for exposed edges.

(e) Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-3. Comply with final hardware schedules, door frame Shop Drawings, BHMA-156.115-W, and hardware templates

(2) VENEER-FACED DOORS FOR TRANSPARENT FINISH

(a) Interior **[Factory-Finished]** Solid-Core Doors:

(i) Grade: **[Premium, with Grade A faces]**.

(ii) Species: **[Red oak]**.

(iii) Cut: **[Plain sliced (flat sliced)]**.

(iv) Match between Veneer Leaves: **[Book]** match.

(v) Assembly of Veneer Leaves on Door Faces: **[Balance]** match.

(vi) Pair and Set Match: Provide for doors hung in same opening **[or separated only by mullions]**.

(vii) Exposed Vertical **[and Top]** Edges: **[Same species as faces - edge Type A]**.

(viii) Core: **[Particleboard] [Engineered wood core at full-glass doors]**.

(ix) Construction: **[Five]** plies. Stiles and rails are bonded to core, then entire unit is abrasive planed before veneering. **[Faces are bonded to core using a hot press.]**

(x) WDMA I.S.1-A Performance Grade: **[Extra Heavy Duty]**.

(xi) Door Thickness: Provide **[1-3/4 inch]** door leaves, unless indicated otherwise.

(3) LIGHT FRAMES

- (a) Wood Beads for Light Openings in Wood Doors: Provide manufacturer's standard wood beads unless otherwise indicated.
 - (i) Wood Species: [**Same species as door faces**].
 - (ii) Profile: [**Manufacturer's standard lipped shape**].
 - (iii) At wood-core doors with 20-minute fire-protection ratings, provide wood beads and metal glazing clips approved for such use.
- (b) Metal Frames for Light Openings in Fire-Rated Doors: Manufacturer's standard frame formed of **0.048-inch- (1.2-mm-)** thick, cold-rolled steel sheet; [**factory primed for field-applied paint**] finish; and approved for use in doors of fire-protection rating indicated.

(4) FACTORY FINISHING

- (a) General: Comply with referenced quality standard for factory finishing. Complete fabrication, including fitting doors for openings and machining for hardware that is not surface applied, before finishing.
 - (i) Finish faces, all four edges, edges of cutouts, and mortises. Stains and fillers may be omitted on [**top and**] bottom edges, edges of cutouts, and mortises.
- (b) Finish doors at factory unless indicated otherwise.
- (c) Transparent Finish:
 - (i) Grade: [**Premium**].
 - (ii) Finish: AWI [**conversion varnish**] system.
 - (iii) Stain Color: [**As selected by Architect from manufacturer's full range of standard colors**].
 - (iv) Effect: [**Semi-filled finish, produced by applying an additional finish coat to partially fill the wood pores**].
 - (v) Sheen: [**Satin**].

2) SPECIFICATION SECTION 123623 – PLASTIC-LAMINATE-CLAD COUNTERTOPS

- a) CLARIFICATION: Countertop edge treatment to be half-bullnose in lieu of 3-mm PVC edging as specified.

3) DRAWING 2.30 – SITE GEOMETRY & UTILITIES PLAN

- a) The proposed gravel surfacing shown on sheet 2.30 will be furnished by the Owner and stockpiled on-site for use by the Contractor. This is in the same manner as other granular materials (as noted on sheet 2.20). The Contractor will place and compact the gravel surfacing to a thickness of 6 inches.

GENERAL APPROVALS:

The following material or equipment furnished by the manufacturers listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
102113	Toilet Compartments	Scranton Products Hiny Hiders Solid Plastic
105113	Metal Lockers	Scranton Products Scranton Diralife Lockers Scranton Tufftec Bench
123216	Manufactured Plastic-Laminate-Faced Casework	Maloney Inc.
133419	Metal Building Systems	Behlen Building Systems

MECHANICAL ITEMS:

1) SPECIFICATION SECTION 237225 - AIR TO AIR HEAT RECOVERY UNITS

- a) Add the following line to section 237225 2.6 A 12. Line to read as follows: “Air can only switch directions within the unit. Air direction must stay the same in the ductwork and hoods attached to the Air-to-air Heat Recovery Unit.”

ELECTRICAL ITEMS:

2) SPECIFICATION SECTION 263213 – ENGINE GENERATORS

- a) Under sub-section 1.5 Quality Assurance, item B shall require an authorized service facility located within 350 miles.
- b) Under sub-section 1.5 Quality Assurance, item D shall require a contract maintenance office located within 350 miles.

3) SPECIFICATION SECTION 263600 - TRANSFER SWITCHES

- a) Under sub-section 2.2, note that the transfer switch shall be closed-transition type.
- b) Under sub-section 1.5 Quality Assurance, item B shall require an authorized service facility located within 350 miles.
- c) Under sub-section 1.5 Quality Assurance, item D shall require a contract maintenance office located within 350 miles.

4) SPECIFICATION SECTION 271000 - STRUCTURED CABLING

a) Add to sub-section 2.5

B. Equipment Frames, Racks and Cabinets:

1. Component Racks: EIA/ECA-310 standard 19 inch wide.
2. Wall Mounted Racks: Steel construction, hinged to allow access to back of installed components.
3. Wall Mounted Cabinets: Front doors with locks, louvered side panels, top and bottom cable access, and ground lug.
4. Cabinets: Steel construction with corrosion resistant finish.
5. Locks: Keyed alike.

5) SPECIFICATION SECTION 284600 - FIRE DETECTION AND ALARM

a) Under sub-section 2.1 Manufacturers; delete line item 2.1.A.3. Honeywell Security and Fire Solutions/Vista.

MECHANICAL / ELECTRICAL APPROVALS:

The following material or equipment furnished by the manufacturers listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
221006	Plumbing Piping Specialties	Watts
223000-2.4	Plumbing Equipment	Taco
223000-2.4	Plumbing Equipment	Pentair
223000-2.1 and 2.2	Plumbing Equipment	Lochinvar
223000-2.1	Plumbing Equipment	Camus
223000-2.2	Plumbing Equipment	Intellihot
223000	Plumbing Equipment	State
224000	Plumbing Fixtures	Gerber
224000	Plumbing Fixtures	American Standard
232114	Hydronic Specialties	Pentair
232114-2.1	Hydronic Specialties	American Wheatley
232115	Infloor Heating System	HeatLink
232123	Hydronic Pumps	Pentair
232500-2.2	HVAC Water Treatment	J.L. Wingert
233100	HVAC Ducts and Casings	SPOT
233416	Centrifugal HVAC Fans	Greenheck
233416	Centrifugal HVAC Fans	Twin City Fan
233423	HVAC Power Ventilators	Twin City Fan
237225	Air to Air Heat Recovery Units	Tempeff
238101	Terminal Heat Transfer Units	QMark
238101	Terminal Heat Transfer Units	Stelpro
238129	Duct Free Split Systems	Lennox
284600	Fire Detection and Alarm	Gamewell FCI

END OF ADDENDUM