Proposal 2544

Project No. 1342.01

April 12, 2016

ADDENDUM NO. 3
TO THE
DRAWINGS AND PROJECT MANUAL
FOR
DRISCOLL ISD CENTRAL ADMINISTRATION AND GYMNASIUM BUILDING RENOVATION
DRISCOLL I.S.D.
DRISCOLL, TEXAS

04/12/16

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3.1 GENERAL

A. This addendum modifies the drawings and project manual, dated March 21, 2016, as noted within and shall become part of the Contract Documents.

B. Proposers shall acknowledge receipt of this addendum in the space provided on the proposal form. Failure to do so may subject proposer to disqualification.

C. Each holder of proposal documents registered with the Architect will receive a copy of the addendum. Each prime proposer is responsible for distribution of information conveyed by this addendum to its sub-proposers and suppliers.

3.2 SECTION 01 21 00 - ALLOWANCES

A. Page 01 21 00 - 2, Article 3.3 (SCHEDULE OF ALLOWANCES): Add the following Paragraph:

"B. Allowance No. 2: Allow the lump sum of $35,000.00 to design, inspect and install the framing necessary for all window openings by a Texas PE to meet TDI requirements and to meet window specification requirements. GC will provide District with proposals for framing design, framing installation cost and GC markups to justify allowance expenditure. GC will also provide Driscoll ISD certification by Texas PE that windows were installed to meet TDI requirements."

3.3 SECTION 10 22 35 - STRUCTURE FOR FOLDING PANEL PARTITION

A. This Section, attached hereto, is entirely new and hereby made a part of this addendum.

3.4 SECTION 10 22 39 - FOLDING PANEL PARTITION

A. This Section, attached hereto, is entirely new and hereby made a part of this addendum.

END OF ADDENDUM NO. 3

SECTION 10 22 35

STRUCTURE FOR FOLDING PANEL PARTITION

Part 1 - General

1.01 DESCRIPTION

A. General

1. Furnish and install self-support truss system for use with operable partitions.

1.02 RELATED WORK BY OTHERS

A. Preparation of opening will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.

B. All header, blocking, lateral bracing, surrounding insulation, and sound baffles as required in 1.04 Quality Assurance.

C. Paint or otherwise finishing all trim and other materials adjoining the Unispan.

1.03 SUBMITTALS

A. Complete shop drawings are to be provided prior to fabrication indicating construction and installation details. Shop drawings must be submitted within 60 days after receipt of signed contract.

1.04 QUALITY ASSURANCE

A. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.

B. The Unispan system shall be validated by calculations performed by a licensed Professional Engineer.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Proper storage of Unispan system before installation and continued protection during and after installation will be the responsibility of the General Contractor.

1.06 WARRANTY

A. Partition system shall be guaranteed for a period of two years against defects in material and workmanship, excluding abuse.

Part 2 - Products

2.01 ACCEPTABLE MANUFACTURERS

A. Upon compliance with all of the criteria specified in this section, Manufacturers wishing to bid products equal to the product specified must submit to the architect 10 days prior to bidding complete data in support of compliance and a list of three past installations of products similar to those listed. The submitting manufacturer guarantees the proposed substituted product complies with the performance items specified and as detailed on the drawings.

2.02 MATERIALS

A. Product to be Hufcor Series U900 Unispan as manufactured by Hufcor Inc.

1. The supporting truss shall be factory fabricated of steel and aluminum. Unispan is attached to the building structure for lateral support only. The load of the truss and partition is supported by the Unispan column posts. Bolt together truss has anodized aluminum top and bottom cords with integral anodized aluminum track and steel web-members.
2. Posts. End columns shall be 2-1/2" x 5" clear anodized aluminum posts. Posts shall be attached to the truss with steel brackets and bolts. Posts shall be anchored to the floor with concealed fasteners. Posts shall be located approximately 1-1/2" from adjacent wall surfaces. The space between the post and the adjacent wall shall be fitted with a vinyl gasket to inhibit sound.
3. Ceiling anchors provide lateral support and shall be set at intervals across the span of the beam. Blocking for ceiling anchors to be provided by others in accordance with the plans.

B. Weight of the system

1. The horizontal truss shall weigh 10-12 lbs. per lineal foot of width.
2. The support columns shall weigh 3.5 lbs. per foot of height each.
3. The floor shall support a maximum of 360 psi at each post.

C. Finishes
   1. Exposed trim and track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6.
   2, Posts shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6.

2.03 OPERATION
A. Operable partitions installed in the Unispan system shall be manually operated.
B. Unispan may be disassembled and relocated to an alternate location as needed.

Part 3 - Execution
A. Installation. The complete installation of the Unispan self-support system shall be by an authorized factory-trained installer and be in strict accordance with the approved shop drawings and manufacturer's standard printed specifications, instructions, and recommendations.
B. Cleaning
   1. All surfaces shall be wiped clean and free of handprints, grease, and soil.
   2. Cartoning and other installation debris shall be removed from the job site.

END OF SECTION

04/12/16

SECTION 10 22 39

FOLDING PANEL PARTITION

Part 1 - General

1.01 DESCRIPTION

A. General

1. Furnish and install operable partitions and suspension system. Provide all labor, materials, tools, equipment, and services for operable walls in accordance with provisions of contract documents.

1.02 RELATED WORK BY OTHERS

A. Preparation of opening will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.

B. All header, blocking, support structures, jambs, track enclosures, surrounding insulation, and sound baffles as required in 1.04 Quality Assurance.

C. Prepunching of support structure in accordance with approved shop drawings.

D. Paint or otherwise finishing all trim and other materials adjoining head and jamb of operable partitions.

1.03 SUBMITTALS

A. Complete shop drawings are to be provided prior to fabrication indicating construction and installation details. Shop drawings must be submitted within 60 days after receipt of signed contract.

1.04 QUALITY ASSURANCE

A. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions

B. The partition STC (Sound Transmission Classification) shall be achieved per the standard test methods ASTM E90.

C. Noise isolation classifications shall be achieved per the standard test methods ASTM E336 and ASTM E413.

D. Noise Reduction Coefficient (NRC) ratings shall be per ASTM C423.

E. Rack testing for 10 years. (tensional strength stress test)

F. The manufacturer shall have a quality system that is registered to the ISO 9001 standards.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Proper storage of partitions before installation and continued protection during and after installation will be the responsibility of the General Contractor.

1.06 WARRANTY

A. Partition system shall be guaranteed for a period of two years against defects in material and workmanship, excluding abuse.

Part 2 - Products

2.01 ACCEPTABLE MANUFACTURERS

A. Upon compliance with all of the criteria specified in this section, Manufacturers wishing to bid products equal to the product specified must submit to the architect 10 days prior to bidding complete data in support of compliance and a list of three past installations of products similar to those listed. The submitting manufacturer guarantees the proposed substituted product complies with the performance items specified and as detailed on the drawings.

2.02 MATERIALS

A. Product to be top supported Series 641 individual, omni-directional panels as manufactured by Hufcor Inc.

1. Panels shall be nominally 4" thick and to 48" in width.
2. Panel faces shall be laminated to appropriate substrate to meet the STC requirement in 2.04 Acoustical Performance.

a. Optional substrate material (Not all substrates are available for all STC ratings. Consult your Hufcor Distributor for more information):

Steel
Non-steel

b. Horizontal Splice: Heights over 16'3" with non-steel faces require a structural splice placed at approximately 12'3" from the floor.

3. Frames shall be of 16 gauge painted steel with integral factory applied aluminum vertical edge and face protection.

   Optional: Face finish shall wrap around the vertical panel edges and provide no protective vertical face trim.

4. Vertical sound seals shall be of tongue and groove configuration, ensure panel-to-panel alignment and prevent sound leaks between panels.
5. Horizontal top seals shall be retractable, provide 1" nominal operating clearance, and exert upward force when extended. All panels, including pass door panels and lever closure panels must have retractable top and bottom seals.

   Optional: Horizontal top seals shall be fixed continuous contact dual 4-finger vinyl.

6. Horizontal bottom seals shall be retractable, provide up to 2" nominal operating clearance, and exert downward force when fully extended. Optional:
   a. Horizontal bottom seals shall be retractable, provide 4" nominal operating clearance, and exert 97 lbs. downward force when fully extended.
   b. Horizontal bottom seals shall be fixed continuous contact 4-finger vinyl.)
7. Horizontal trim shall be of aluminum.

B. Weight of the panels shall be 7.8-13.6 lbs./sq. ft. based on options selected.

C. Suspension system:
1. For panels to 1000 lbs. or 22'2": Track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6. Track design shall provide precise alignment at the trolley running surfaces and provide integral support for adjoining ceiling, soffit, or plenum sound barrier. Track shall be connected to the structural support by pairs of minimum 3/8" dia. threaded steel hanger rods. Pairs of rods are directly attached to the track, no single point attachment allowed. L, T, or X intersections shall be factory assembled and welded.
   a. Each panel shall be supported by two 2-wheeled counter-rotating horizontal carriers. Wheels to be of precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.
2. For panels 1000-1500 lbs.: Track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6. Track design shall provide precise alignment at the trolley running surfaces and provide integral support for adjoining ceiling, soffit, or plenum sound barrier. . Track shall be connected to the structural support by pairs of minimum 1/2" dia. threaded steel hanger rods. Pairs of rods are directly attached to the track, no single point attachment allowed. L, T, or X intersections shall be factory assembled and welded.
   a. Each panel shall be supported by two 2-wheeled counter-rotating horizontal carriers. Wheels to be of precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires, steel banded and reinforced.
3. For panels 1500-3000 lbs.: Track shall be of 1/4" formed black painted steel connected to the structural support by pairs of minimum 1/2" threaded steel hanger rods. Track trim shall be clear anodized aluminum. Carriers to have four steel wheels with precision ground radial bearings. Bearings are inserted into a steel tire. The steel tire rim fully captures the bearing. Carriers may be programmed for self-directing and sorting.
4. Optional tracks may be used providing the height and weight limits are within manufacturers guidelines. See page 6 "Optional Tracks".
5. Plenum closure (by others): Design of plenum closure must permit lifting out of header panels to adjust track height. Plenum closure required for optimum sound control of partition.

D. Finishes
1. Face finish shall be: (select as required):
   a. Factory applied reinforced vinyl fabric with woven backing, weighing not less than 15 oz. per lineal yard. Color shall be selected from manufacturer's standard color selectors.
   b. Standard upgrade fabrics (color shall be selected from manufacturer's standard color selector):
      (1) Factory applied vertical ribbed carpet (N.R.C. .20)
      (2) Factory applied stain resistant fabric

2. Exposed metal trim and seal color shall be (select from Hufcor's Standard Trim selector):
   a. Lamb's Wool (standard)
   b. Brown (standard)
   c. Gray (standard)
3. Aluminum track shall be clear anodized

2.03 OPERATION

A. Panels shall be manually moved from the storage area, positioned in the opening, and seals set.
B. Retractable Horizontal Seals
   1. Retractable horizontal seals shall be activated by a removable quick-set operating handle located approximately 42" [1067] from the floor in the panel edge.
   2. Top and bottom retractable seals shall be operated simultaneously.
   3. Seal activation requires approximately a 190 degree turn of the removable handle.
      Optional 4" bottom seals: Seal activation requires a lift/drop motion of the removable handle.
C. Final partition closure to be by lever closure panel with expanding jamb which compensates for minor wall irregularities and provides a minimum of 250 lbs. [113.4 kg] seal force against the adjacent wall for optimum sound control. The jamb activator shall be located approximately 45" [1143] from the floor in the panel face and be accessed from either side of the panel. The jamb is equipped with a mechanical rack and pinion gear drive mechanism and shall extend 4"-6" [102-152] by turning the removable operating handle.
D. Stack/Store Panels
   1. Retract seals with removable operating handle and move to storage area.

2.04 ACOUSTICAL PERFORMANCE

A. Acoustical performance shall be tested at a laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and in accordance with ASTM E90 Test Standards. Standard panel construction shall have obtained an STC rating of 54.
   (Not all substrates are available in all STC ratings)
   1. Complete, unaltered written test report is to be made available upon request.

Part 3 - Execution

A. Installation. The complete installation of the operable wall system shall be by an authorized factory-trained installer and be in strict accordance with the approved shop drawings and manufacturer's standard printed specifications, instructions, and recommendations.
B. Cleaning
   1. All track and panel surfaces shall be wiped clean and free of handprints, grease, and soil.
   2. Cartoning and other installation debris shall be removed to onsite waste collection area, provided by others.
C. Training
   1. Installer shall demonstrate proper operation and maintenance procedures to owner's representative.
   2. Operating handle and owners manuals shall be provided to owner's representative.

END OF SECTION