

Date: July 7, 2016

**ADDENDUM NO. 3
to the
Iowa Department of Transportation
Proposal No. 16959**

**For Overhead Doors, Openers, and Installation at Various Statewide Maintenance Facilities
Letting Date: 7/15/2016**

Notice To Bidders:

This Addendum is issued to incorporate the following additions, deletions, corrections, and/or clarifications to the terms or specifications and shall hereby be considered a part of the final contract documents. This Addendum shall supersede, modify and/or change all statements to the contrary in the bid proposal and shall take precedence over previous terms or specifications.

CLARIFICATION:

Insulated sectional door **should all be bid with windows.**

Replace Section 08 3613.05 with revised specification dated 7/7/16 attached.

All Bidders must sign and return this Addendum for the bid opportunity referenced above. Failure to do so may subject the Bidder to disqualification. If a bid response has already been submitted, this Addendum shall be signed and emailed or faxed to the Purchasing Section prior to the scheduled Letting Date.

Company Name *(please print)*

Date

Signature

Sincerely,

Jody McNaughton, Purchasing Agent
Phone No. 515-239-1298 Fax No. 515-239-1538
Jody.mcnaughton@dot.iowa.gov

SECTION 08 3613.05
INSULATED SECTIONAL DOORS (REVISED 7-7-2016)

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Overhead insulated sectional door
- B. Operating hardware and supports.

1.02 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2015.
- B. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2013.
- C. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014.
- D. DASMA 102 - American National Standard Specifications for Sectional Overhead Type Doors; Door & Access Systems Manufacturers' Association, International; 2004.

1.03 SUBMITTALS

- A. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
- B. Product Data: Show component construction, anchorage method, and hardware.
- C. Manufacturer's Installation Instructions: Include any special procedures required by project conditions.
- D. Operation Data: Include normal operation, troubleshooting, and adjusting.
- E. Maintenance Data: Include data for transmission, shaft and gearing, lubrication frequency, spare part sources.
- F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing the work of this section with minimum three years of experience.
- C. Products Requiring Electrical Connection: Listed and classified by Underwriters Laboratories Inc., as suitable for the purpose specified.

1.05 WARRANTY

- A. Correct defective Work within a five year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Sectional Doors:
 - 1. Clopay Corporation; Model 3720: www.clopaydoor.com.
 - 2. Wayne-Dalton, a Division of Overhead Door Corporation; Thermospan 200: www.wayne-dalton.com.
 - 3. Overhead Door; Model G-5200: www.overheaddoor.com.

2.02 STEEL DOOR COMPONENTS

- A. Steel Doors: Stile and rail steel with solid panels; construction with high lift operating style with track and hardware; complying with DASMA 102, Commercial application.

1. Performance: Withstand positive and negative wind loads equal to 1.5 times design wind loads specified by local code without damage or permanent set, when tested in accordance with ASTM E330/E330M, using 10 second duration of maximum load.
 2. Door Nominal Thickness: 2 inches thick.
 3. Exterior Finish: Factory finished with acrylic baked enamel; color as selected by Architect.
 4. Interior Finish: Factory finished with acrylic baked enamel; color as selected from manufacturers standard line.
 5. Glazed Windows: two 6"x24" glazed lights per panel, one row, located in the 3rd panel from floor.
- B. Door Panels: Stile and rail construction, of steel sheet 0.022 inch thick minimum, with welded joints; rabbeted weather joints at meeting rails.
- C. Stiffener plates to be added to top two panels.

2.03 DOOR COMPONENTS

- A. Track: Rolled galvanized steel, 0.090 inch thick; 3 inch wide, continuous one piece per side; galvanized steel mounting brackets 1/4 inch thick.
- B. Rollers: Support rollers shall have stainless steel axels, sealed steel bearings, and High-Density-Polyurethane (HDPE) tires on stainless steel wheels (on Brine Building and Wash Bay doors only).
- C. Hinge Assemblies: Heavy duty hinges and adjustable rollers holders of galvanized steel; floating hardened steel bearing rollers, located at top and bottom of each panel, each side.
- D. Lift Mechanism: Torsion spring on cross head shaft, with braided galvanized steel lifting cables.
 1. For Manual Operation: Requiring maximum exertion of 25 lbs force to open.
- E. Sill Weatherstripping: Resilient hollow rubber strip, one piece; fitted to bottom of door panel, full length contact.
- F. Jamb Weatherstripping: Roll formed steel section full height of jamb, fitted with resilient weatherstripping, placed in moderate contact with door panels.
- G. Head Weatherstripping: EPDM rubber seal, one piece full length.
- H. Panel Joint Weatherstripping: Neoprene foam seal, one piece full length.
- I. Lock: Inside center mounted, adjustable keeper, spring activated latch bar with feature to retain in locked or retracted position; interior and exterior handle.

2.04 MATERIALS

- A. Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G60/Z180 coating, plain surface.
- B. Insulation: Foamed-in-place polyurethane, bonded to facing.
 1. R value of 17.5.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.

3.02 PREPARATION

- A. Prepare opening to permit correct installation of door unit to perimeter air and vapor barrier seal.
- B. Apply primer to wood frame.

3.03 INSTALLATION

- A. Install door unit assembly in accordance with manufacturer's instructions.
- B. Anchor assembly to wood frame construction and building framing without distortion or stress.
- C. Securely brace door tracks suspended from structure. Secure tracks to structural members only.

- D. Fit and align door assembly including hardware.
- E. Install perimeter trim and weatherstripping.

3.04 TOLERANCES

- A. Maximum Variation from Plumb: 1/16 inch in ten feet.
- B. Maximum Variation from Level: 1/16 inch in ten feet.
- C. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch from 10 ft straight edge.
- D. Maintain dimensional tolerances and alignment with adjacent work.

3.05 ADJUSTING

- A. Adjust door assembly for smooth operation and full contact with weatherstripping.

3.06 CLEANING

- A. Clean doors and frames .
- B. Remove labels and visible markings.

3.07 PROTECTION

- A. Protect installed products from damage until Date of Substantial Completion.
- B. Do not permit construction traffic through overhead door openings after adjustment and cleaning.

END OF SECTION