

DATE: August 28, 2024

HURST-ROSCHE, INC.  
1400 E. Tremont Street  
Hillsboro, Illinois 62049  
217-532-3959

TO: PROSPECTIVE BIDDERS

SUBJECT: ADDENDUM NO. 2 TO THE BIDDING DOCUMENTS FOR

**MONTGOMERY COUNTY HIGHWAY DEPARTMENT  
HEAVY EQUIPMENT SHED  
HILLSBORO, MONTGOMERY COUNTY, ILLINOIS  
HR # 150-1643**

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated August 19, 2024. Acknowledge receipt of this addendum in the space provided on the Bid Form. **FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.**

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Upon receipt of this addendum, please sign below and email to Hurst-Rosche, Inc. at [tdownen@hurst-rosche.com](mailto:tdownen@hurst-rosche.com) within 24 hours of receipt.

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| <p><b>RECEIVED BY:</b> _____<br/><b>Company Name/Authorized Representative</b></p> <p><b>DATE:</b> _____</p> |
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**ADDENDUM #1**

- A. **DELETE** the date of “August 28, 2023” from Addendum #1 and **REPLACE** it with, “August 28,2024”.
- B. **DELETE** Specification Item B from Addendum #1. See Specification Item A and Drawing Item A below for additional information.

**SPECIFICATIONS**

- A. Section 07 26 00 Vapor Retarders
  - 1. **ADD** Attachment #1 as a supplement to the project manual.
- B. Section 08 13 14 Standard Steel Doors
  - 1. **DELETE** Paragraph 1.1.B.3.
  - 2. **DELETE** “cut-outs for glazing” from Paragraph 1.3.A.
  - 3. **DELETE** Paragraph 2.3.A.
  - 4. **DELETE** Paragraph 3.2.C.

This addendum consists of 2 pages and 2 attachments consisting of an additional 7 pages.

C. Section 08 36 13 Sectional Doors

1. **DELETE** this section and **REPLACE** it with Attachment #2.

D. Section 08 80 00 Glazing

1. **DELETE** "hollow metal doors" from Paragraph 1.1.A and **REPLACE** it with, "sectional doors".
2. **DELETE** Paragraph 1.1.B.2 and **REPLACE** it with, "Section 08 36 13 – Sectional Doors: Glazed doors."
3. **DELETE** Paragraph 1.2.F.
4. **DELETE** Paragraph 1.2.G.

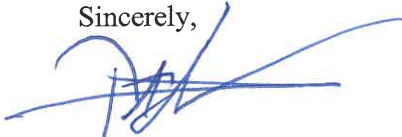
**DRAWINGS**

A. A-101 FLOOR PLAN AND DOOR SCHEDULE

1. **DELETE** Remark #1 from Door Schedule and **REPLACE** it with, "SECTIONAL DOOR TO BE VERTICAL LIFT TYPE OPERATION WITH JACK SHAFT TYPE OPERATOR. ALL OTHER SECTIONAL DOORS TO BE STANDARD OR HIGH LIFT TYPE OPERATION AS NECESSARY TO ALLOW FOR JACK SHAFT TYPE OPERATORS."

This addendum **DOES NOT** alter the previously published bid date of **Tuesday, September 3<sup>rd</sup>, 2024, 2:00 PM**, prevailing time, at **Montgomery County Highway Department**.

Sincerely,



Timothy L. Downen, AIA, LEED AP  
cc: All plan holders

This addendum consists of 2 pages and 2 attachments consisting of an additional 7 pages.

## SECTION 07 26 00 - VAPOR RETARDERS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes sheet materials for controlling vapor diffusion.
- B. Related Sections:
  - 1. Section 07 27 00 - Air Barriers.

#### 1.2 REFERENCES

- A. ASTM International:
  - 1. ASTM C920 - Standard Specification for Elastomeric Joint Sealants.
  - 2. ASTM E96/E96M - Standard Test Methods for Water Vapor Transmission of Materials.
- B. Sealant, Waterproofing and Restoration Institute:
  - 1. SWRI - Sealant Specification.

#### 1.3 PERFORMANCE REQUIREMENTS

- A. Vapor Retarder Permeance: Maximum 1 perm perms when tested in accordance with ASTM E96.

#### 1.4 SUBMITTALS

- A. Product Data: Submit data indicating material characteristics, performance criteria, and limitations.
- B. Manufacturer's Installation Instructions: Submit preparation and installation requirements, techniques.

#### 1.5 SEQUENCING

- A. Sequence Work to permit installation of materials in conjunction with other retardant materials and seals, and air barrier assemblies specified in Section 07 27 00.
- B. Do not install vapor retarder until items penetrating vapor retarder are in place.

### PART 2 - PRODUCTS

#### 2.1 COMPONENTS

- A. Sheet Retarder: Clear polyethylene film for above grade application, 4 mil thick.

## 2.2 ACCESSORIES

- A. Tape: Bright aluminum, polyethylene or polyester self-adhering type, mesh reinforced, 2 inch wide, compatible with sheet material.
- B. Attachments: Galvanized steel.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Remove loose or foreign matter capable of impairing adhesion.

### 3.2 INSTALLATION

- A. Vapor Retarder For Ceiling Liner Panels: Secure sheet retarder to faces of framing with mechanical fasteners. Lap edges over stud faces, lap ends onto adjacent construction; tape ends and laps to ensure complete seal.

END OF SECTION

## SECTION 08 36 13 - SECTIONAL DOORS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes electric overhead sectional door and operating hardware,
- B. Related Sections:
  - 1. Section 13 34 00 – Engineered Post Frame Structures – Prepared opening for doors.

#### 1.2 REFERENCES

- A. American National Standards Institute:
  - 1. ANSI A135.4 - Basic Hardboard.
- B. ASTM International:
  - 1. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
  - 2. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
  - 3. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
  - 4. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
  - 5. ASTM E330 - Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors By Uniform Static Air Pressure Difference.
- C. Door and Access Systems Manufacturers Association International:
  - 1. DASMA 102 - Specifications for Sectional Overhead Type Doors.
- D. National Electrical Manufacturers Association:
  - 1. NEMA MG 1 - Motors and Generators.

#### 1.3 SYSTEM DESCRIPTION

- A. Panels: Flush insulated steel with glazed lites.
- B. Lift Type: Vertical lift or standard / high lift as indicated on Drawings as necessary to allow for jack shaft type operator.
- C. Operation: Electric.
- D. Wind Loads: Design and size components to withstand loads caused by pressure and suction of wind acting normal to plane of wall as calculated in accordance with applicable code.

#### 1.4 SUBMITTALS

- A. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
- B. Product Data: Submit component construction, anchorage method, and hardware.
- C. Manufacturer's Installation Instructions: Submit special procedures, and perimeter conditions requiring special attention.

#### 1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data:
  - 1. Include electrical control adjustment recommendations.
  - 2. Include data for motor and transmission, shaft and gearing, lubrication frequency, periodic adjustments required, and spare part sources.

#### 1.6 QUALITY ASSURANCE

- A. Perform Work in accordance with DASMA 102, Application Type Industrial.
- B. Products Requiring Electrical Connection: Listed and classified by Underwriters Laboratories, Inc., as suitable for purpose specified.
- C. Surface Burning Characteristics:
  - 1. Foam Insulation: Maximum 75/450 flame spread/smoke developed index when tested in accordance with ASTM E84.
- D. Apply label from agency approved by authority having jurisdiction to identify each foam plastic insulation board.

#### 1.7 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.
- B. Installer: Company specializing in performing Work of this section with minimum three years documented experience and approved by manufacturer.

#### 1.8 WARRANTY

- A. Furnish two-year manufacturer warranty for electric operating equipment.

## PART 2 - PRODUCTS

### 2.1 SECTIONAL OVERHEAD DOORS

#### A. Manufacturers:

1. Raynor Garage Door.
2. Overhead Door Corp.
3. Haas Door Company.
4. C.H.I. Overhead Doors.
5. Clopay Building Products, Co.

#### B. Product Description: Flush insulated steel overhead sectional doors, electric operation, stock configuration and hardware.

1. Door Nominal Thickness: 1-3/4 to 2 inches thick.
2. Flush Steel Panel Construction: Outer steel sheet of minimum 26 gauge, flat profile; inner steel sheet of minimum 26 gauge, flat profile; core reinforcement of sheet steel roll formed to channel or Z- shape, rabbeted weather joints at meeting rails; insulated.

### 2.2 COMPONENTS

#### A. Sheet Steel: ASTM A653/A653M galvanized to pre-coated with manufacturer's standard thermosetting finish, plain surface.

#### B. Aluminum Extrusions: ASTM B221, properties not less than 6061 alloy, T5 temper.

#### C. Insulation: Fibrous glass batt, unfaced or rigid polystyrene, nominal R-Value of 12 to 18, same thickness as core framing members, bonded to facing.

#### D. Glazing: 25 inches by 12 inches glazed panels of insulated glass units consisting of two 1/8 inch thick tempered glass panes with airspace and 1/2 inch overall thickness. Glass to include tint and Low E coating to match performance and color of glazing in Section 08 80 00 – Glazing. See Drawings for required number of glass lites per door.

### 2.3 ACCESSORIES

#### A. Track: Rolled galvanized steel, 0.090 to 0.120 inch thick; 2 inch wide, continuous one piece for each side; galvanized steel mounting brackets minimum 1/4 inch thick.

#### B. Hinge and Roller Assemblies: Heavy duty hinges and adjustable roller holders of galvanized or stainless steel; floating hardened steel bearing rollers, located at top and bottom of each panel, each side.

#### C. Lift Mechanism: Torsion spring on cross head shaft, with braided galvanized or stainless steel lifting cables. Rated for a minimum of 10,000 cycles.

#### D. Jamb Weatherstripping: Roll formed aluminum section full height of jamb, fitted with resilient weatherstripping, placed in moderate contact with door panels.

- E. Head Weatherstripping: EPDM rubber seal, one piece full length.
- F. Panel Joint Weatherstripping: Neoprene foam seal, one piece full length.

## 2.4 ELECTRICAL CHARACTERISTICS AND COMPONENTS

- A. Motor Type: NEMA MG1.
- B. Wiring Terminations: Furnish terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated.
- C. Disconnect Switch: Factory mount disconnect switch.
- D. Electric Operator (Lift Master brand): Rated for a minimum of 10,000 cycles. Side mounted on cross head shaft, adjustable safety friction clutch; brake system actuated by independent voltage solenoid controlled by motor starter; enclosed gear driven limit switch; enclosed magnetic cross line reversing starter; mounting brackets and hardware. Provide means to disengage motor to allow manual operation in event of power failure.
- E. Control Station: Standard three button (open-close-stop) continuous pressure type, control for each electric operator; 24 volt circuit, surface mounted.
- F. Radio Control Antenna Detector: Manufacturer's standard system.
- G. Hand Held Transmitter: Digital control, resettable; one per door.
- H. Safety Edge: At bottom of door panel, full width; electro-mechanical sensitized type, wired to stop door upon striking object; hollow neoprene or rubber covered to provide weatherstrip seal.
- I. Photoelectric Sensor: Furnish system which detects obstruction and reverses door without requiring door to contact obstruction.

## 2.5 FACTORY FINISHING

- A. Steel Surfaces: Factory finished color as selected from manufacturer's full range of color selections.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Verify wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.
- B. Verify electric power is available and of correct characteristics.



### 3.2 PREPARATION

- A. Prepare opening to permit correct installation of door unit to perimeter air and vapor retarder seal.

### 3.3 INSTALLATION

- A. Anchor assembly to wall construction and building framing without distortion or stress.
- B. Securely brace door tracks suspended from structure. Secure tracks to structural members only.
- C. Fit and align door assembly including hardware.
- D. Coordinate installation of electrical service. Complete power and control wiring from disconnect to unit components.
- E. Coordinate installation of sealants and backing materials at frame perimeter as specified in Section 07 90 00.
- F. Install perimeter weatherstripping.

### 3.4 ERECTION TOLERANCES

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

### 3.5 MANUFACTURER'S FIELD SERVICES

- A. Ensure operation and adjustments to door assembly for specified operation.

### 3.6 ADJUSTING

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

### 3.7 CLEANING

- A. Clean doors, frames and glass. Remove temporary labels and visible markings.

### 3.8 PROTECTION OF INSTALLED CONSTRUCTION

- A. Do not permit construction traffic through overhead door openings after adjustment and cleaning.

END OF SECTION