

## **NOTICE TO BIDDERS**

The Commissioners Court of Atascosa County, Texas has authorized the County Auditor to advertise for Request for Sealed Bids, for the following:

### **Atascosa County Courthouse Window Repairs / Replacements**

**Request for Seal Bids will be accepted by the County Auditor's office until 12:00 noon on Friday, July 7, 2023.**

**The Sealed Bids will be opened and tabulated in the Atascosa County Courthouse Auditors office, located on the first (1<sup>st</sup>) floor in the Atascosa County Courthouse at 1 Courthouse Circle Dr – Suite 105, Jourdanton, Texas 78026 at 12:15 p.m. on Friday, July 7, 2023.**

**Bids will be awarded by Atascosa County Commissioners Court at 9:00 a.m. on July 10, 2023, in the County Courtroom located on the second (2<sup>nd</sup>) floor in the Atascosa County Courthouse.**

Specifications and request for proposal forms may be requested from the county auditor's office located in the Atascosa County Courthouse, Jourdanton, Texas or by email

[auditor@co.atascosa.tx.us](mailto:auditor@co.atascosa.tx.us)

Request for Sealed Bids should be placed in a **sealed envelope** and on the outside of the sealed envelope clearly labeled with:

**Atascosa County Courthouse Window Repairs / Replacement**, and addressed to:

**Tracy Barrera, County Auditor  
1 Courthouse Circle Drive, Suite 105  
Jourdanton, Texas 78026**

Atascosa County reserves the right to accept or reject any and/or all Sealed Bids.

**ATASCOSA COUNTY COURTHOUSE- WINDOW PROJECT**  
**Jeld-Wen WINDOW SPECIFICATIONS**

SCOPE: Remove the existing exterior windows and replace them with new windows using the Marvin Ultimate Line Windows. New windows to match existing windows as close as possible with frame profile and Wood Interior. New window interiors to match stained trim as close as possible. Any interior trim damaged during replacement will need to be replaced and stained to match existing.

GENERAL NOTES: The bidders should include the following items-

1. payment and performance bond
2. all labor, services, instruments, tool and equipment necessary for the project
3. keep the premises clean of debris. All clean-up refuse shall be placed in dumpsters in areas mutually agreed to by Atascosa County Personnel.
4. responsibility for the safety of their work and shall maintain all lights, guard signs, temporary passages and other necessary protection and precautions for that purpose.
5. Evidence of Insurance by providing a certificate of insurance indicating the following coverage
  - A. Commercial General Liability with limits of not less that \$1,000,000 per each occurrence with a \$2,000,000 general aggregate
  - B. Workers Compensation Insurance with limits of not less that \$1,000,000 for each Accident for bodily injury by accident, \$1,000,000 each employee for bodily injury by disease and a \$1,000,000 policy limit
  - C. Business Auto Liability with a limit of not less than \$1,000,000 each accident



SECTION 085213  
ALUMINUM-CLAD WOOD WINDOWS AND PATIO DOORS  
JELD-WEN® Custom Series

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Wood Windows and Patio Doors: **[Casement windows] [Double-hung windows] [Radius and geometric windows: [Direct Set] [In-Sash] [Out-swing patio doors]**

1.2 REFERENCES

- A. Window and Door Manufacturers Association (WDMA):
1. AAMA/WDMA/CSA 101/I.S.2/A440 North American Fenestration Standard / Specification for windows, doors, and skylights (NAFS)
  2. WDMA I.S.4; Water Repellent Preservative Non-Pressure treatment for Millwork
- B. ASTM International (ASTM):
1. ASTM E 1886 - Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
- C. National Fenestration Rating Council (NFRC):
1. NFRC 100 - Procedure for Determining Fenestration Thermal Properties.
  2. NFRC 200 - Solar Heat Gain Coefficient and Visible Transmittance

PART 2 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 – Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
1. Preparation instructions and recommendations.
  2. Storage and handling requirements and recommendations.
  3. Installation methods.
- C. Shop Drawings: Submit shop drawings indicating details of construction, flashings and relationship with adjacent construction..
- D. Quality Assurance Submittals:
1. Design Data, Test Reports: Provide manufacturer test reports indicating product compliance with indicated requirements.
  2. WDMA Hallmark certification.
- E. Closeout Submittals: Refer to Section 01 70 00 Execution and Closeout Requirements Closeout Submittals.

2.2 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 5 years installing similar assemblies.
- B. Certifications: WDMA Hallmark certification label indicating assemblies meet the design requirements.
- C. Mock-Up: Provide a mock-up for evaluation of installation techniques and workmanship provided time allows.
1. Mock-ups shall incorporate surrounding construction, including wall assembly fasteners, flashing, and other related accessories installed in accordance with manufacturer's approved installation methods.

2. Do not proceed with remaining work until workmanship is approved by Board
  3. Modify mock-up as required to produce acceptable work.
  4. At Substantial Completion, approved mockups may become part of completed Work.
- D. Pre-installation Meeting: Conduct pre-installation meeting on site two weeks prior to commencement of installation.

## 2.3 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
- B. Deliver and store assembly materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact. Protect from damage.

## 2.4 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

## 2.5 WARRANTY

- A. Manufacturer's Standard Warranty: Assemblies will be free from defects in materials and workmanship from the date of manufacture for the time periods indicated below:
  1. Basic Product Coverage: 20 years.
  2. Clad Finishes:
    - a. AAMA 2605 Clad Finishes: 20 years against peeling, checking, cracking or color change.
  3. AuraLast Protection for wood products: **[Commercial: 20 years]**.
    - a. Coverage is for wood decay and/or termite damage in pine wood components.
  4. Glazing:
    - a. Insulated Glass: 20 years..

## PART 3 PRODUCTS

### 3.1 MANUFACTURERS

- A. Acceptable Manufacturer: JELD-WEN, Inc.; 2645 Silver Crescent Drive, Charlotte, North Carolina 28273; Toll Free Tel: 800-535-3936; Tel: 541-850-2606; Fax: 541-851-4333; Email: [architectural\\_inquiries@jeld-wen.com](mailto:architectural_inquiries@jeld-wen.com); Web: <http://www.jeld-wen.com>.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 – Product Requirements.

### 3.2 ALUMINUM-CLAD WOOD WINDOWS AND PATIO DOORS - GENERAL

- A. Design Requirements:
  1. Compliance: Provide assemblies capable of complying with requirements indicated, based on testing manufacturer's window that are representative of those specified.
  2. Test Size: In compliance with requirements of AAMA/WDMA/CSA 101/ I.S.2/A440 (NAFS).
  3. Structural Requirements: Provide assemblies complying with requirements indicated:
    - a. Performance Class: PG 35
  4. NFRC Requirements: Provide assemblies complying with the following total window ratings:
    - a. U-Factor: .30 in accordance with NFRC 100.
    - b. Solar Heat Gain Coefficient (SHGC): .21 in accordance with NFRC 200.
    - c. Visible Transmittance (VT): .53 in accordance with NFRC 200.
- B. Materials:
  1. Exterior Cladding: Extruded aluminum.
  2. Interior Wood:
    - a. Material: **[Aura Last Pine**

- C. Installation Accessories:
  - 1. Flashing: Refer to Section 07 60 00 - Flashing and Sheet Metal.
  - 2. Sealants: Refer to Section 07920 - Joint Sealants.
  - 3. Sealants: Manufacturer recommended sealants to maintain watertight conditions.

D. Finishes

- 1. Interior Finishes for Windows:
  - a. Finish: **[Natural Clear pine]**
- 2. Exterior Finishes for Windows:
  - a. 0.050 thick extruded aluminum cladding with finish in accordance with AAMA 2605.
  - b. AAMA 2605 Colors.
    - 1) Color match TBD
- 3. Interior Finishes for Patio Doors:
  - a. Finish: **[Natural clear pine]**
- 4. Exterior Finishes for Patio Doors:
  - a. AAMA 2605 Colors: TBD

3.3 ALUMINUM CLAD WOOD WINDOW ASSEMBLIES

- A. Basis of Design: Custom Series Clad wood window assemblies as manufactured by JELD-WEN, Inc.

- 1. Window Type: **Casement windows, Double-hung windows, Radius and geometric windows]**

B. Window Fabrication:

- 1. Window Type: Casement windows.
  - a. Frame: Corner joints mechanically fastened.
  - b. Sash: Corner joints mortised and tenoned.
  - c. Glass: Mounted using silicone glazing compound on exterior and acrylic sealant on interior, secured with interior applied profiled wood stops.
    - 1) Glazing Bead: **[Traditional Beveled]**
- 2. Window Type: Double-hung windows.
  - a. Frame: Corner joints mechanically fastened.
  - b. Sash: Corner joints mortised and tenoned, glued and nailed from interior.
  - c. Glass: Mounted using silicone glazing compound on exterior, secured with interior applied profiled wood stops.
    - 1) Glazing Bead: **[Traditional Beveled]**
- 3. Window Type: Radius and geometric in-sash windows.
  - a. Frame: Corner joints mechanically fastened.
  - b. Sash: **[Standard size units with corner joints mortised and tenoned] [Custom size units with mitered corner joints].**
  - c. Glass: Mounted using silicone glazing compound on exterior and acrylic sealant on interior, secured with interior applied profiled wood stops.
    - 1) Glazing Bead: **[Traditional Beveled]**

C. Frames:

- 1. Material: Select kiln-dried pine AuraLast treated wood.
- 2. Cladding: 0.050 inch (1.27mm) extruded aluminum.
- 3. Jamb Width: Based on existing conditions

D. Sashes: Select kiln-dried pine AuraLast treated wood.

- 1. Cladding: **[0.019 inch (0.438mm) roll-formed aluminum] [.060 inch (1.5 mm) Extruded aluminum].**
- 2. Sash Thickness for Casement Windows: 2-3/32 inches (53.2 mm).
- 3. Sash Thickness for Double-Hung Windows: 1-7/16 inches (36.5 mm).

4. Sash Thickness for Radius and Geometric In-Sash Windows: 2-3/32 inches (53.2 mm).
- E. Exterior Trim:
1. Casing: **Aluminum Pendleton Casing to be confirmed**
  2. Sill Nosing: **Sill Nosing to fit exterior casing.**
- F. Factory Applied Extension Jamb: Provide at all four sides of frame interior. To match existing conditions.
- G. Weatherstripping:
1. Casement Windows: Foam lined bulb seal between sash interior and frame with secondary leaf seal between sash edge and frame.
  2. Double-Hung Windows: Concealed non-compression jamb liner forming compression seal with dual durometer bulb seal against sash stiles and between top and bottom rails of sash and frame, bulb seal between top rail and header and between sash meeting rails.
  3. Radius and Geometric Windows: Foam lined bulb seal between sash interior and frame with secondary leaf seal between sash edge and frame.
- H. Window Hardware:
1. Casement Windows:
    - a. Hinges: **Stainless steel**
    - b. Operator: Hardened stainless steel worm gears and dual action heavy gauge stainless steel operating arm.
    - c. Locks: Concealed.
    - d. Handle Profile: Nesting Crank Handle (Standard).
      - 1) Finish: **Pending selection**
  2. Double-Hung Windows:
    - a. Balances: Concealed block and tackle.
    - b. Sash Retainers: Recessed top sash, concealed bottom sash.
    - c. Finger Lifts: **No Finger Lifts**
    - d. Locks: **Deluxe Cam Lock(s) w/Concealed Tilt Latch**
      - 1) Finish: **TBD**
  3. Radius and Geometric In-Sash Windows
    - a. Hinges: Standard, Stainless steel.
    - b. Operating Sash: Stainless steel leaf.
    - c. Operator: Hardened steel worm gears and heavy gauge steel arm.
      - 1) For Operable Octagon-Shaped Window: Single arm pull scissor with roto handle.
    - d. Locks: Concealed.
  4. Radius and Geometric Direct Set Windows: None.
- I. Glazing for Windows:
1. Glazing: Insulated glass.
    - a. Construction: Two panes of glass utilizing continuous roll formed stainless steel spacer and dual seal sealants.
    - b. Glass Type: **[Annealed (Standard)] [Tempered] opening sensitive**
    - c. Overall Nominal Thickness: 3/4 inch (19 mm).
    - d. Glass Coating: **Sun Resist™**
    - e. Glass Protection: Plastic preserve film on interior and exterior of glass.
    - f. Glass Options: **Argon**
- J. Exterior Insect Screens:
1. No Screen.
- K. Grilles:
1. Type: Simulated Divided Lites (SDL).
    - a. Exterior Muntins:

- 1) Material: Extruded aluminum permanently applied to exterior of insulating glass unit.
  - 2) Profile: Beaded.  
Width: **1-1/8 inches (28.5) location sensitive**
  - b. Interior Muntins:
    - 1) Interior Bar Profile: **Traditional Bead Bar**
  - c. Pattern: As scheduled and indicated on Drawings.
- 3.4 WOOD PATIO DOOR ASSEMBLIES
- A. Basis of Design: Custom Series aluminum-clad-wood patio door assemblies as manufactured by JELD-WEN, Inc.
    - 1. Patio Door Type: **Out-swing patio doors**
  - B. Patio Door Fabrication:
    - 1. Glass: Mounted using silicone glazing compound on exterior and acrylic sealant on interior.
      - a. Glazing Bead: **Traditional Beveled**
    - 2. Cladding: Aluminum corners are jointed and sealed.
  - C. Frames:
    - 1. Material: Select kiln-dried pine AuraLast treated wood.
    - 2. Jamb Width: location sensitive
    - 3. Cladding: 0.055 inch (1.27 mm) extruded aluminum
  - D. Swinging Door Panels:
    - 1. Material: Select kiln-dried pine AuraLast treated wood and engineered wood substrate core.
    - 2. Cladding: 0.024 inch (0.61 mm)
    - 3. Thickness: 1-23/32 inch (43.7 mm).
    - 4. Stiles and Rail:
      - a. 4-5/8 inch (117.5 mm) top rail and stiles, 6-5/8 inch (168.3 mm) bottom rails.
  - E. Exterior Trim:
    - 1. Casing: **Aluminum Pendleton Casing pending confirmation**
  - F. Extension Jamb: Factory applied on all four sides of frame interior, in wall depths up to 6-9/16 inch (166.7 mm).
  - G. Weatherstripping:
    - 1. Out-Swing Patio Door:
      - a. Continuous dual foam filled bulb seal compressed between exterior of panel and all four sides of frame
  - H. Hardware:
    - 1. Out-Swing Doors:
      - a. Hinges: **Ball bearing hinge 4 1/2 inch ball bearing hinge with square corners**
      - b. Sill: ADA
    - 2. Out-Swing Patio Doors:
      - a. Glazing: Insulated Wet Interior Glaze
        - 1) Glass Coating: **Sun Resist™ Tempered**
        - 2) Glass Protection: Plastic preserve film on interior and exterior of glass.
        - 3) High Altitude: **Argon**
        - 4) Glass Protection: Plastic preserve film on interior and exterior of glass.
        - 5) Spacer Color: **Black**
    - 3. No Screen.
      - 1) Material: Extruded aluminum permanently applied to exterior of insulating glass

## PART 4 EXECUTION

### 4.1 EXAMINATION AND PREPARATION

- A. Inspect and prepare openings and substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions.
  - 1. Inspect assembly components prior to installation.
  - 2. Verify rough opening conditions are within recommended tolerances.
  - 3. Form sheet metal sill pan in accordance with manufacturer's recommendations.
  - 4. Prepare assembly components for installation in accordance with manufacturer's recommendations.
- B. Do not proceed with installation until openings and substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

### 4.2 INSTALLATION

- A. Install assemblies in accordance with manufacturer's installation guidelines and recommendations including the following.
- B. Installation of Windows With Nailing Fins: Insert windows into rough opening.
  - 1. Shim side jambs straight.
  - 2. Inspect window for square, level and plumb.
  - 3. Test and adjust for smooth operation of window.
  - 4. Set all nails below wood surface.
- C. Installation of Patio Doors Insert patio doors into rough opening.
  - 1. Shim side jambs straight.
  - 2. Inspect patio door for square, level and plumb.
  - 3. Test and adjust for smooth operation of patio door.

### 4.3 FIELD QUALITY CONTROL

- A. Manufacturers' Field Services: Perform field inspections as recommended by manufacturer.

### 4.4 CLEANING AND PROTECTION

- A. Clean the exterior surface and glass with mild soap and water.
- B. Protect installed windows from damage.
- C. Remove and dispose of protective film from glass; touch-up, repair or replace damaged components and assemblies before Substantial Completion.

END OFs SECTION