

**DOCUMENT 00 90 00  
ADDENDUM**

**ADDENDUM NO. [2]                      Date: March 16, 2020**

**RE:                      LA CROSSE HOUSING AUTHORITY  
2018-19 CAPITAL IMPROVEMENT PROJECTS-PHASE 2  
1307 BADGER STREET  
LA CROSSE, WI 54601  
HSR PROJECT NO. 19032**

**FROM:                  HSR Associates, Inc  
100 Milwaukee Street  
La Crosse, WI 54603  
(608) 784-1830**

**To:                      Prospective Bidders**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 2020. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [1] page.

**CHANGES TO SPECIFICATIONS**

1. Section 06 41 00 ARCHITECTURAL WOOD CASEWORK
  - a. Section attached hereto replacing original section. Cabinets shall be wood as specified herein.
2. Section 08 17 13 INSULATED ENTRY DOORS
  - a. 2.03, A: In last sentence, delete "vinyl". Only aluminum cladding is acceptable.

**PRIOR APPROVALS**

3. Section 08 17 13 INSULATED ENTRY DOORS
  - a. Pella: Insulated steel entry doors.

**END OF DOCUMENT 00 90 00**

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**SECTION 06 41 00**  
**ARCHITECTURAL WOOD CASEWORK**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Specially fabricated cabinet units.
- B. Countertops.
- C. Hardware.
- D. Preparation for installing utilities.

**1.02 RELATED REQUIREMENTS**

- A. Section 07 92 00 - Joint Sealants.
- B. Required plumbing fixtures and connections.
- C. Required electrical fixtures and connections.

**1.03 REFERENCE STANDARDS**

- A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014.
- B. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.0; 2016.
- C. BHMA A156.9 - American National Standard for Cabinet Hardware; 2010.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate materials, component profiles and elevations of casework layout, assembly methods, joint details, fastening methods, accessory listings, rough-in locations, hardware location and schedule of finishes. Show details of countertop construction including backsplash, endsplash and edge details, and type of substrate core material.
  - 1. Scale of Drawings: 1-1/2 inch to 1 foot, minimum.
  - 2. Provide the information required by AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS).
- C. Product Data: Provide data for hardware accessories and kitchen sink and faucets.
- D. Samples: Submit actual sample items of proposed pulls, hinges, and shelf standards, demonstrating hardware design, quality, and finish.

**1.05 QUALITY ASSURANCE**

- A. Fabricator Qualifications: Company specializing in fabricating the products specified in this section with minimum five years of documented experience.
  - 1. Company with at least one project in the past 5 years with value of woodwork within 20 percent of cost of woodwork for this Project.

**1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Protect units from moisture damage.

**1.07 FIELD CONDITIONS**

- A. During and after installation of custom cabinets, maintain temperature and humidity conditions in building spaces at same levels planned for occupancy.

**1.08 WARRANTY REQUIREMENTS**

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Manufacturer's standard form in which manufacturer agrees to repair or replace components of manufactured wood casework that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Delamination of components or other failures of glue bond.
    - b. Warping of components.
    - c. Failure of operating hardware.
    - d. Deterioration of finishes.
  - 2. Warranty Period: One year from date of Substantial Completion.

## **PART 2 PRODUCTS**

### **2.01 CABINETS**

- A. Quality Standard: Custom Grade, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.

### **2.02 LUMBER MATERIALS**

- A. Cabinet Rib Materials, Base Frames and Kicks: Kiln dried hardwood or softwood with a moisture content of 5-10% or 3/4" APA B-B G-2 Exp 1 exterior plywood. Construction lumber (s-dry) not allowed.

### **2.03 PANEL MATERIALS**

- A. Exposed Surfaces: Grade A, Red Oak, plain sliced, book-matched.
  - 1. Semi-Exposed Surfaces: Grade A, Red Oak, plain sliced, book-matched.
  - 2. Concealed Surfaces: Phenolic backing sheet.
- B. Particleboard: ANSI A208.1; medium density industrial type as specified in AWI/AWMAC Architectural Woodwork Quality Standards Illustrated, composed of wood chips bonded with waterproof resin binders under heat and pressure; sanded faces; thickness as required; use for countertops and back splash.
- C. Medium Density Fiberboard (MDF): ANSI A208.2; type as specified in AWI/AWMAC Architectural Woodwork Quality Standards Illustrated; composed of wood fibers pressure bonded with moisture resistant adhesive to suit application; sanded faces; thickness as required.
  - 1. Use for components not indicated as another material.

### **2.04 LAMINATE MATERIALS**

- A. Manufacturers:
  - 1. Formica Corporation: [www.formica.com/#sle](http://www.formica.com/#sle).
  - 2. Panolam Industries International, Inc; Nevamar: [www.nevamar.com](http://www.nevamar.com).
  - 3. Wilsonart: [www.wilsonart.com](http://www.wilsonart.com).
  - 4. Nevemar/Pionite . [www.nevemar.com](http://www.nevemar.com)
  - 5. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Color: As selected by A/E.
- C. High Pressure Decorative Laminate (HPDL): NEMA LD 3, types as recommended for specific applications.
- D. Provide specific types as indicated.
  - 1. Horizontal Surfaces: HGS, 0.048 inch nominal thickness, through color, color as selected, finish as indicated.
  - 2. Post-Formed Horizontal Surfaces: HGP, 0.039 inch nominal thickness, through color, color as selected, finish as indicated.
  - 3. Post-Formed Vertical Surfaces: VGP, 0.028 inch nominal thickness, through color, color as selected, finish as indicated.
  - 4. Cabinet Liner: CLS, 0.020 inch nominal thickness (melamine), color as selected, finish as selected.
  - 5. Laminate Backer: BKL, 0.020 inch nominal thickness (melamine), undecorated; for application to concealed backside of panels faced with high pressure decorative laminate.

### **2.05 COUNTERTOPS**

- A. Plastic Laminate Countertops: Medium density industrial particle board substrate covered with HPDL. Back/end splash shall be coved joint . Countertop edge shall be post formed with self edge economy.

### **2.06 ACCESSORIES**

- A. Adhesive: Type recommended by fabricator to suit application.
- B. Plastic Edge Banding: Extruded 0.018 PVC, flat shaped; smooth finish; of width to match component thickness.
  - 1. Color: As selected by Architect from manufacturer's full range.
  - 2. Use at all exposed shelf edges.
- C. Fasteners: Size and type to suit application.

- D. Bolts, Nuts, Washers, Lags, Pins, and Screws: Of size and type to suit application; galvanized or chrome-plated finish in concealed locations and stainless steel or chrome-plated finish in exposed locations.
- E. Concealed Joint Fasteners: Threaded steel.

## 2.07 HARDWARE

- A. Hardware: BHMA A156.9, types as indicated for quality grade specified.
- B. Adjustable Shelf Supports: Double pin side-mounted system using multiple holes for pin supports and coordinated shelf rests, for nominal 1 inch spacing adjustments. Load rating to be 300 lbs. per support without failure.
  - 1. Product: #55 Double Pin or HD Double Pin manufactured by Allenfield Manufacturing and Development.
  - 2. Shelf Support Clip #3220CL from Bainbridge Manufacturing Inc.
- C. Drawer and Door Pulls: U-shaped, 4" centers.
  - 1. Product: BP5352ORB, brushed stainless steel finish, manufactured by Hafele.
  - 2. Or comparable.
- D. Catches: Magnetic. Install one at base and wall cabinets, two (top and bottom) at each door of tall storage units.
  - 1. Product: 326 Mighty Might Heavy Duty Magnetic Latch or comparable, manufactured by Ives.
- E. Drawer Slides:
  - 1. Type: Combination metal and roller bearing, three-quarter extension.
  - 2. All other drawers: 100 lb.
  - 3. Mounting: Side mounted.
  - 4. Stops: Integral type.
  - 5. Features: Provide stay close type.
    - a. Manufacturers:
      - 1) Accuride International, Inc; 3832 100# slide: [www accuride.com/#sle](http://www accuride.com/#sle).
      - 2) Blum; [www blum.com](http://www blum.com)
      - 3) Fulterer; [www fultererusa.com](http://www fultererusa.com)
      - 4) Knappe & Vogt Manufacturing Company: [www knapeandvogt.com/#sle](http://www knapeandvogt.com/#sle).
    - b. Substitutions: See Section 01 60 00 - Product Requirements.
- F. Hinges: 5 knuckle type, institutional style, hospital tipped, stainless steel with satin finish.
  - 1. Manufacturers:
    - a. Rockford Process Control (RPC): [www rockfordprocess.com](http://www rockfordprocess.com).
    - b. Hardware Resources: [www hardwareresources.com/#sle](http://www hardwareresources.com/#sle).
    - c. Substitutions: See Section 01 60 00 - Product Requirements.

## 2.08 FABRICATION

- A. Cabinet Style: Flush overlay.
- B. Base Cabinets:
  - 1. Construct in accordance with AWI/AWMAC Architectural Woodwork Quality Standards Illustrated, Custom quality.
- C. Wall Cabinets:
  - 1. Underside of wall cabinets shall be Type "C" flush with finish applied after assembly.
  - 2. Provide manufacturer's standard construction to reinforce cabinets for wall attachment, minimum two, full width 3/4" thick x 3", glued and mechanically fastened at cabinet back.
- D. Drawer Construction Technique: dovetail or doweled.
  - 1. Bottoms and Sides: 1/2" Veneer core panel product, "B" face hardwood veneer or 1/2" medium density fiberboard with thermoset decorative overlay. PVC edge banding at exposed edges.
  - 2. Bottoms shall be dadoed into sides, front and back. Staple and glue.
  - 3. Reinforcement; 1/2 inch thick under-bottom stiffeners, one at 24 inch drawers, two at 36 inch drawers and four at 48 inch drawers.

- E. Shelves-3/4": Finish to match inside face of cabinet. All shelves shall be full depth of cabinet.
  - 1. Particleboard with Plastic Laminate Finish Both Sides: 40 lb limit to 37" long. 50 lb limit to 35 inches.
  - 2. Medium Density Fiberboard with Plastic Laminate Finish Both Sides: 40 lb limit to 37" long. 50 lb limit to 35 inches.
- F. Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.
- G. Edging: Fit shelves exposed edges with specified edging. Do not use more than one piece for any single length.
- H. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide matching trim for scribing and site cutting.
- I. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners. Where countertop length exceeds manufacturer's maximum sheet length Locate counter butt joints minimum 2 feet from sink cut-outs.
  - 1. Apply laminate backing sheet to reverse side of plastic laminate finished surfaces.
  - 2. Cap exposed plastic laminate finish edges with material of same finish and pattern.
- J. Matching Wood Grain: Comply with requirements of quality standard for specified Grade.
- K. Mechanically fasten back splash to countertops with steel brackets at 16 inches on center.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify adequacy of backing and support framing.
- B. Verify location and sizes of utility rough-in associated with work of this section.

#### **3.02 INSTALLATION**

- A. Install work in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade indicated.
- B. Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.
- C. Use fixture attachments in concealed locations for wall mounted components.
- D. Use concealed joint fasteners to align and secure adjoining cabinet units.
- E. Carefully scribe casework abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim for this purpose.
- F. Secure cabinets to floor using appropriate angles and anchorages.
- G. Coordinate placement of fixtures and items required in other divisions.
- H. Install Owner provided range hood. Connect to existing exhaust duct.
- I. Install sink and faucets. Connect to existing water and waste system.
- J. Where casework meets wall surfaces, set with uniform space not to exceed 1/8 inch. Seal all joints to a slightly concave joint. Use backer rod where required. Refer to Section 07 92 00 for sealant type.

#### **3.03 ADJUSTING**

- A. Adjust installed work.
- B. Adjust moving or operating parts to function smoothly and correctly.

#### **3.04 CLEANING**

- A. Clean casework, counters, shelves, hardware, fittings, and fixtures.

**END OF SECTION**