

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u>1</u>	DATED	<u>2/17/2021</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Replace Section 00 01 10 with same; Replace Section 00 91 13 with same; Added Section 06 40 00; Amendment EBSx Download Required.

TOTAL ADDENDA: 1

(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

Contractor

BY _____

Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President

Address

Secretary

Address

Treasurer

Address

The following is my (our) itemized proposal.

BWO-9021-25(010) / 503251301000

Hinds County(ies)

Revised 01/26/2016

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PROJECT: ADMINISTRATION BUILDING – 3rd FLOOR
RENOVATIONS
JACKSON, HINDS COUNTY, MISSISSIPPI

PROJECT NUMBER: BWO-9021-25(010) 503251

DATE: 2-12-2021

DESCRIPTION A: This Work shall consist of all construction work necessary in constructing the Administration Building - 3rd Floor Renovations in Jackson, Hinds County, Mississippi, in accordance with these Specifications and conforming with the Drawings.

It is the intention of these Specifications to provide the necessary items and instruction for a building renovation including all code compliance. Omission of items or instruction necessary or considered standard good practice for the proper installation and construction of the building renovation shall not relieve the Contractor of furnishing and installing such items and conforming to the building codes having jurisdiction.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**ADDENDUM No. 1
DOCUMENT 00 91 13-A**

DATE: FEBRUARY 12, 2021

**PROJECT: UPGRADE OF ADMINISTRATION BUILDING HVAC CONTROL
SYSTEM & 3RD FLOOR SPACE REALLOCATION**

PROJECT NUMBER: BWO-9021-25(010) / 503251-301000

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Bidders are hereby advised that the following changes are to be made to this Contract. Addendum No. 1 contains 1 page plus 11 pages for a total of 12 pages as listed below.

1.2 SPECIFICATIONS

- A. Document Number 00 01 10 – Table of Contents, has been revised to include Section 06 40 00 – Architectural Woodwork. Delete Document 00 01 10 – Table of Contents and replace with attached Document 00 01 10 – Table of Contents with Revised date of 2-12-2021 (5 pages).
- B. Add the attached Section 06 40 00 – Architectural Woodwork (6 pages) to the Specifications.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 06 40 00

ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Architectural woodwork as shown on the Drawings and schedules. Architectural woodwork is defined to include (in addition to items so designated on the Drawings) miscellaneous exposed wood members commonly known as "Finish Carpentry" or "Millwork", except where specified under another Section of these Specifications
- B. The types of architectural woodwork include, but are not limited to:
 - 1. Laminate-Clad Cabinets.
 - 2. Countertops.
 - 3. Solid Surface Materials.
 - 4. Hardware.
 - 5. Accessory materials.
 - 6. Miscellaneous work.
- C. Related Sections:
 - 1. Section 09 05 15 – Color Design.
 - 2. Section 09 91 23 – Interior Painting

1.2 DEFINITIONS

- A. Terms used in this Section are in accordance with terminology of the Architectural Woodwork Standards, ©2014 AWI | AWMAC | WI 2nd Edition, October 1, 2014 including Errata through, April 29, 2016.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product, including panel products, cabinet hardware and accessories with installation instructions and finishing materials and processes.
- B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.
- C. Samples: Submit actual samples for color selection from manufacturer's appropriate line for plastic laminate, melamine, and solid surfacing to comply with level of quality of specified color and finish.
 - 1. Exposed cabinet hardware and accessories, one unit for each type and finish.

1.4 QUALITY ASSURANCE

- A. Unless otherwise shown or specified, comply with specified provisions of the Architectural Woodwork Standards (AWS) and approved "Quality Standards".

- B. Quality Marking: Mark each unit of architectural woodwork with mill's or fabricator's identification and grade marks, located on surfaces which will not be exposed after installation.
- C. Millwork fabricator shall comply with the following:
 - 1. Have a minimum of five (5) years documented experience and shall have completed projects of similar scope and size to the work of this project.
 - 2. Have technologically advanced woodworking facilities employing the use of modern equipment and techniques for fabricating and finishing to meet the level of quality for the manufacture of all fabrication specified.
 - 3. Employ skilled workmen experienced in the fabrication and finishing of premium quality millwork.
 - 4. Be responsible for fabrication, finishing and installation of all products and procedures specified in this Section.
- D. Unless stricter requirements are indicated, comply with the AWS Standards as applicable for (but not limited to) the following types of architectural woodwork:
 - 1. Lumber
 - 2. Standing and running trim
 - 3. Cabinets and Countertops
 - 4. Shelving
 - 5. Miscellaneous work
 - 6. Finishing
 - 7. Installation of woodwork

1.5 DELIVERY, STORAGE AND HANDLING

- A. Protect woodwork during transit, delivery, storage and handling to prevent damage, soiling and deterioration. Do not deliver woodwork until painting, wet work, grinding and similar operations which could damage, soil or deteriorate woodwork have been completed in installation areas.
 - 1. If, due to unforeseen circumstances, woodwork must be stored in other than installation areas, store only in areas meeting requirements specified for installation areas.

1.6 FIELD CONDITIONS

- A. The installer shall examine the substrates and conditions under which the work is to be installed; and notify the Contractor in writing of unsatisfactory conditions. Do not proceed with the Work until unsatisfactory conditions have been corrected in a manner acceptable to the Installer
- B. Environmental Limitations: Do not deliver or install cabinets until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.

PART 2 - PRODUCTS

2.1 ARCHITECTURAL WOODWORK FABRICATORS

- A. Fabricators: Subject to compliance with requirements available fabricators offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Easley & Easley Millwork, Inc., Jackson, MS. Tel. (601) 372-8881.
2. Scanlon -Taylor Millwork Company, Jackson, MS. Tel. (601) 362-5333.
3. Southeastern Constructors, Inc., Brandon, MS. Tel. (601) 825-9791.

2.2 BASIC MATERIALS AND FABRICATION METHODS

- A. Except as otherwise indicated, comply with the following requirements for architectural woodwork not specifically indicated as pre- fabricated or pre-finished standard products.
- B. Wood Moisture Content: Provide kiln-dried lumber and maintain optimum 8 to 13 percent range (damp region) moisture content in solid wood (hardwood and softwood) through fabrication, installation, and finishing operations of interior Work.
- C. Wood for Painted Finish: Comply with AWI quality standards for selection of species, grade and cut (fabricator's option, except as otherwise indicated). Wood for trim shall be maple or other closed-grain hardwood subject to Project Engineer/ MDOT Architect's prior approval.
- D. Wood for Stained Finish: Comply with AWS Edition 2 quality standards for selection of species, grade and cut.
- E. Plastic Laminate: Comply with NEMA LD3; type, thickness, color, pattern and finish as indicated for each application.
- F. Solid Surfacing: Provide solid surfacing equal to Surell as manufactured by the Formica Corporation, Corian as manufactured by El Dupont De Nemours & Company, Inc. or Gibraltar as manufactured by Wilsonart International, Inc.
- G. Thermoset melamine resin impregnated paper shall be equal to Duramine at all interior surfaces of cabinets with exterior plastic laminate finish. Cabinet doors, drawers, etc. shall be edge banded in the specified laminate. Cabinet door backs shall be provided in the specified laminate.
- H. Design and Construction Features: Comply with the details shown for profile and construction for architectural woodwork; and where not otherwise shown, comply with applicable Quality Standards, with alternate details at fabricator's option.
- I. Pre-Cut Openings: Fabricate architectural woodwork with pre-cut openings, wherever possible, to receive hardware, appliances, plumbing fixtures, electrical work and similar items. Locate openings accurately and use templates or roughing-in diagrams for proper size and shape. Smooth the edges of cut outs and where located in countertops and similar exposures, seal the edges of cut outs with a water resistant coating.
- J. Measurements: Before proceeding with fabrication of woodwork required to be fitted to other construction, obtain measurements and verify dimensions and shop drawing details as required for accurate fit. Where sequence of measuring substrates before fabrication would delay the project, proceed with fabrication (without field measurements) and provide ample borders and edges to allow for subsequent scribing and trimming of woodwork for accurate fit.

- K. Substitution requests WILL NOT be considered PRIOR to Contract Award. Substitutions that fully meet or exceed the specified requirements may be considered under provisions of Section 01 25 00- Substitution Procedures and Section 01 60 00- Product Requirements.

2.3 ARCHITECTURAL WOODWORK TYPES

- A. Plastic Laminate Finished Casework: Grade: Premium, Plastic Laminate for Horizontal Surfaces: 0.050" thick, General Purpose Type (high pressure). Plastic Laminate for External Vertical Surfaces: 0.028" thick, General Purpose Type (high pressure).
1. AWI Type Cabinet Construction: Flush overlay.
 2. Door and Drawer Front Style: Flush overlay.
 3. Horizontal Surfaces: Grade HGS.
 4. Vertical Surfaces: Grade HGS
 5. Edges: Equal to Charter Industries, Inc. (Grand Rapids, MI Tel. 800 538-9088) 90 Durometer PVC T-Mold model No. 3333, size; 1-1/4 Inch, standard color as selected by MDOT Architect. . Equivalent products by Alibaba and Rehau are acceptable.
 6. Drawer Sides and Backs: Thermoset decorative overlay.
 7. Drawer Bottom: Thermoset decorative overlay.
 8. Composite Wood Products: Particleboard: ANSI A208.1, Grade M-2-Exterior Glue.
 9. Thermoset Decorative Panels: Particleboard finished with thermally fused, melamine-impregnated decorative paper and complying with requirements of NEMA LD 3, Grade VGL.
- B. Plastic Laminate Colors and Patterns: See Drawings for Finish Legend and Locations.

2.4 CABINETS HARDWARE AND ACCESSORY MATERIALS

- A. Provide cabinet hardware and accessory materials associated with architectural woodwork, except for units that are specified as "door hardware" in other sections of these specifications. Except as otherwise indicated, comply with ANSI A156.9 "American National Standard for Cabinet Hardware." Unless shown or noted otherwise, cabinet hardware shall comply with the following:
1. Hinges: Concealed type equal to Blum Clip Top 120 degree, 71T5550 series with cover caps.
 2. Cabinet Pulls: Berenson Hardware 1061-4BPN-P (Break Room 376 & 338, Coffee Bar 312, Catering Kitchen 375, Workroom 338, Women's Restroom 306, & Men's Restroom 305) Berenson Hardware 4118-1BPN-P (All Print and Supply Areas).
 3. Grommets: Equal to Doug Mockett, Flip Top Series - 2 inch hole plastic grommet. Provide at all workstation office area counter tops. Locations to be confirmed in submittal. Color to be selected from Manufacturer's full range.
 4. Drawer guides: Equal to Wurth model PRO2018, full extension ball bearing , side mount, 100 pounds weight rated,.Finish; Bright Zinc.
 5. Adjustable shelf hardware (side support) AWI Quality Standards, 5mm holes at 32mm on center upon approval of sample submitted. Shelf supports shall be equal to Knape and Vogt 332 ANO.
 6. Wall Cabinet Hangers: Equal to Kingclip as manufactured by Brooklyn Hardware, LLC.

2.5 SOLID SURFACE COUNTERTOPS

- A. Solid synthetic surface "Corian", Venaro White 1/2 inch thick. See Drawings for locations and Specification Section 12 36 63 'Solid Surface Fabrications' for more information.

2.6 MISCELLANEOUS MATERIALS

- A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content
- B. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous-metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.
- C. Adhesives: Do not use adhesives that contain urea formaldehyde.

2.7 FABRICATION

- A. Complete fabrication, including assembly, and hardware application, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
- B. Shop-cut openings to maximum extent possible to receive hardware, appliances, electrical work, and similar items. Locate openings accurately and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Before installation, condition cabinets to average prevailing humidity conditions in installation areas.
- B. Deliver concrete inserts and similar anchoring devices to be built into substrates, well in advance of the time substrates are to be built. Prior to installation of architectural woodwork, examine shop fabricated work for completion, and complete work as required, including back priming and removal of packing.

3.2 INSTALLATION

- A. Install the work plumb, level, true and straight with no distortions. Shim as required using concealed shims. Install to a tolerance of 1/8-inch in 8 feet for plumb and level (including countertops); and with 1/16-inch maximum offsets in revealed adjoining surfaces. Scribe and cut work to fit adjoining work, and refinish cut surfaces or repair damaged finish at cuts.

- B. Secure woodwork with anchors or blocking built-in or directly attached to substrates. Attach to grounds, stripping and blocking with countersunk, concealed fasteners and blind nailing as required for a complete installation. Except where pre-finished matching fastener heads are required, use fine finishing nails for exposed nailing, countersunk and filled flush with woodwork, and matching final finish where transparent finish is indicated.
- C. Casework: Install without distortion so that doors and drawers will fit openings properly and be accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete the installation of hardware and accessory items as indicated.
- D. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to the greatest extent possible. Stagger joints in adjacent and related members. Cope at returns, miter at corners, and comply with Quality Standards for joinery.
- E. Countertops: Anchor securely to base units and other support systems as indicated.
- F. Grommets: Provide at openings in countertops at knee spaces.

3.3 PREPARATION FOR SITE FINISHING

- A. Set exposed fasteners. Apply wood filler in exposed fastener indentations. Sand work smooth ready for painted or stained finishes.

3.4 ADJUSTMENT, CLEANING, FINISHING AND PROTECTION

- A. Repair damaged and defective woodwork wherever possible to eliminate defects functionally and visually; where not possible to repair properly, replace woodwork. Adjust joinery for uniform appearance.
- B. Clean hardware, lubricate and make final adjustments for proper operation. Clean woodwork on exposed and semi-exposed surfaces. Touch up shop applied finishes to restore damaged or soiled areas.
- C. Refer to Section 09 90 00 for final finishing of installed painted and stained architectural woodwork.
- D. Protection: The Installer of architectural woodwork shall advise the Contractor of final protection and maintenance conditions necessary to ensure that the Work will be without damage or deterioration at the time of acceptance

END OF SECTION