

**ADDENDUM  
NO. 5**

**February 28, 2022**

**DOUGLAS MACARTHUR ELEMENTARY SCHOOL ADDITIONS,  
RENOVATIONS, AND RELATED WORK  
Crown Point, IN 46307**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated January 31, 2022 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 5-1 and attached Addendum No. 5 from Gibraltar Design dated February 28, 2022 and consisting of 1 page and Specification Section 12 56 57 – Media Shelving and Furniture.

**A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS**

**1. Add:**

Specification Section 12 56 57 – Media Shelving and Furniture

**B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY**

**1. BID CATEGORY NO. 9 - CASEWORK**

**1. Add:**

Specification Section 12 56 57 – Media Shelving and Furniture

## ADDENDUM FIVE

**Addendum Five (AD.05)** to the drawings and specifications prepared by Gibraltar Design for **MacArthur Elementary School Additions & Renovations** for Crown Point Community School Corporation, Crown Point, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum, Addendum One, Two, Three and Addendum Four, and include the appropriate content of same within their bid proposal.

## SPECIFICATIONS

1. **Specification Section 00 01 10**                      **Table of Contents**
  - A. Add the following Specification Sections to the Table of Contents:
  - B. Section 12 56 57, Media Shelving and Furniture.
2. **Specification Section 12 56 57**                      **Media Shelving and Furniture**
  - A. Add new Specification Section 12 56 57, Media Shelving and Furniture, included in this Addendum, to the Project Manual.

## DRAWINGS

3. None

Pages 1, inclusive, Specification Section 12 56 57, constitute the total makeup of **Addendum Five**.



# SECTION 12 56 57

## MEDIA SHELVING AND FURNITURE

### 1 General

#### 1.1 Section Includes

- A. Wood media shelving.

#### 1.2 Related Sections

- A. Section 06 20 00 – Finish Carpentry: Circulation desk.
- B. Section 09 29 00 - Gypsum Board: Gypsum board bulkheads.
- C. Division 26 - Electrical service fittings.

#### 1.3 References

- A. Perform all work and furnish all material in accordance with the following references.
  - 1. AWI - Quality Standards of Architectural Woodwork Institute.
  - 2. PS (Product Standards) 51 - Hardwood and Decorative Plywood.
  - 3. NEMA LD-3 High Pressure Decorative Laminates.
  - 4. ADA Accessibility Guidelines for Buildings and Facilities, Appendix A, Part 36, Standards for Access Design.
  - 5. Indiana Handicapped Accessibility Code.

#### 1.4 Submittals

- A. Submit shop drawings, product data, and samples under provisions of Division 1. Include component dimensions, configurations, elevations, construction details, joint details, attachments, bulkhead dimensions (length, depth, height above floor), complete Shelving and Furniture Schedule and all rough-ins.
  - 1. Provide two 4 inch by 6 inch finished stain samples.

#### 1.5 Delivery, Storage, And Handling

- A. Deliver products to site and store products on site under provisions of Division 1.
- B. Do not deliver products to site until destination space is ready to receive it.
- C. Coordinate size of access and route to place of installation.

## 2 Products

### 2.1 Acceptable Manufacturers

#### A. Wood Shelving:

1. Basis of Design: The Worden Company, Holland, Michigan.
2. Brodart Company, Williamsport, Pennsylvania.
3. William Hermann & Son, Indianapolis, Indiana.
4. Euronique Inc., Elberfield, Indiana
5. Liat Furniture, Troutman, North Carolina.

### 2.2 Materials

#### A. Wood Shelving:

1. General: Graded in accordance with the requirements of AWI.
2. Lumber: All woods used in the construction of this equipment shall be selected from thoroughly air seasoned stock, free from imperfections, and kiln dried to have a moisture content, at time of assembly, of from 5 percent to 7 percent.
  - a. All exposed solid woods shall be select northern grown red oak, plain sawn and selected for uniformity of figure and grain.
  - b. Woods used in the unexposed parts shall be suitable hardwoods, sound throughout, but unselected as to color.
  - c. Use 3/4 inch thick, 45 pound density particle core plywood as minimum standard.
3. Exposed Veneers: Plain sliced red oak, Grade "A tight and smooth, selected for uniformity, even grain, beauty, and color.
  - a. Provide face veneer with cathedral grain figure, faces must be book matched and balanced.
  - b. Provide faces free of wild grain, wide heart, and gross figure on either side of cathedral figure.
4. Shelving Tops and Fascias: Hardwood plywood.
  - a. Continuous Tops: Three-ply particle construction plywood with 0.050 inch high pressure laminate face and 0.028 inch backer on underside, with hardwood fascia.

5. Shelving, Finished Ends, Uprights, and Backs: Select hardwood and hardwood plywood backing.
6. Vertical and Horizontal grade high pressure plastic laminate for exterior countertop surfaces, satin or textured finish, minimum 0.050 inch thickness with heavy gage neutral colored backing sheet for balanced construction. Color: refer to Finish Legend on Drawings.
7. High Density Fiberboard or plywood of thickness indicated on the Drawings.

## 2.3 Hardware

- A. Shelf Standards and Clips: Manufacturer's standard.

## 2.4 Fabrication - General

- A. Fabricate furniture, shelving, and millwork in accordance with recommendations of AWI; custom grade, except as shown or noted otherwise.
  1. Wood Grain, Color, and Finish: Uniform and consistent in appearance.
  2. Wood Shelving:
    - 1) End Panel: 1 inch thick particle core with select hardwood face veneer with all exposed edges of not less than 3/16 inch bonded with solid edge strip.
    - 2) Intermediate Upright: 3/4 inch thick particle core with hardwood veneer with all exposed edges of not less than 3/16 inch bonded with solid hardwood edge strip.
    - 3) Island or Peninsula End Panels: 1 inch thick solid hardwood.
    - 4) Top and Fascia: 3/4 inch thick three-ply hardwood veneer with hardwood veneer and 3/4 inch by 2 1/4 inch solid hardwood fascia.
    - 5) Base: 4 inches high by 1/2 inch thick solid hardwood.
    - 6) Base Shelf: 3/4 inch thick solid hardwood hardwood.
    - 7) Adjustable Shelves: 3/4 inch by 36 inches long, maximum, solid hardwood with 2 inch nosing of solid hardwood.
    - 8) Back Panels: 1/4 inch thick three-ply hardwood veneer core plywood with select rotary cut face veneer on all exposed faces.

- 9) Countertops: 3/4 inch by width indicated on drawings with self-edge and matching vertical faces on edges. Refer to Drawings for locations and Finish Legend on Drawings for selected color and texture.

## 2.5 Finishes

### A. Wood:

1. Plane and sand all exposed wood surfaces thoroughly and set exposed fasteners.
  - a. Apply wood filler in exposed fastener indentations.
2. Exterior Surfaces: Apply stain or lacquer sealer, sand, and apply two coats of lacquer.
3. Stain, color, and finish selected by the Architect and Owner from full range of stain options of manufacturer. **Refer to Finish Legend for intent.**

## 3 Execution

### 3.1 Inspection

- A. Obtain and verify dimensions affecting work of this Section from site.
- B. Beginning of installation means acceptance of existing conditions.

### 3.2 Installation

- A. Set and secure shelving and casework in place rigid, plumb, and level.
- B. Use purpose designed fixture attachments for wall mounted components.
- C. Use threaded steel concealed joint fasteners to align and secure adjoining wall shelving and millwork units.
- D. Permanently fix wall shelving and millwork to floor or wall using appropriate angles and anchorages.
- E. Carefully scribe shelving and casework which abuts other building materials leaving gaps of 1/32 inch maximum.
  1. Overlay trim may be used for this purpose.
- F. Coordinate work with others.

### 3.3 Adjusting And Cleaning

- A. Adjust doors, drawers, hardware, fixtures, and other moving or operating parts to function smoothly and correctly.
- B. Clean furniture, shelving, millwork, hardware, fittings, and fixtures.

### 3.4 Media Shelving And Furniture Schedule

- A. Refer to Drawings for Media Shelving Schedules.
- B. For convenience, the Model numbers shown on Drawings are taken from the catalogs furnished by the Worden Company and other companies as noted in the equipment schedule, and are used for reference only.

**END OF SECTION**