

## Section 06200 Finish Carpentry

### Description

- Work of this Section, as shown or specified, shall be provided by the Interior Contractor and shall be in accordance with the requirements of the Contract Documents and in accordance with the General Conditions of this Document.
- Works include coordination, Fabrication, and Installation of all Interior Exposed wood members shown on drawings and specified herein, including but not necessarily limited to the following:
  - Wood Shelving
  - Fabricated Cabinets
  - Claddings
  - Miscellaneous Items
- See approved plans for detail.

### Material Requirements

#### a. FOOD DISPENSING/TRAY COUNTER

- Dimension: 4760mm (L) x 1000mm (W) x 900mm (H)
- 12mm thick solid surface (post formed) in 6mm thick fiber cement board with metal framing; 6mm thick clear glass sneeze guard with aluminum edging
- 19mm thick MDF laminated cabinet door panel, soft close concealed hinges, aluminum extruded cabinet handle
- 19mm thick MDF laminated adjustable shelves and drawers
- aluminum base board
- Submit color swatches/sample finishes for approval

#### b. FOOD PREPARATION COUNTER W/ SINK

- Dimension: 3500mm (L) x 700mm (W) x 900mm (H)
- 12mm thick solid surface (post formed) counter top in 6mm thick fiber cement board with 2" x 2"x1/4" angle bar, 300mm back splash, stainless sink and gooseneck faucet including all accessories
- 19mm thick MDF laminated cabinet door panel, soft close concealed hinges, aluminum extruded cabinet handle
- 19mm thick MDF laminated adjustable shelves and drawers
- aluminum base board
- Submit color swatches/sample finishes for approval

#### c. COUNTER W/ BASE CABINET (Laundry Area)

- Dimension: 2400mm (L) x 600mm (W) x 900mm (H)
- 12mm thick solid surface (post formed) counter top in 6mm thick fiber cement board with 2" x 2"x1/4" angle bar, 300mm back splash, stainless sink and gooseneck faucet including all accessories
- 19mm thick MDF laminated cabinet door panel, soft close concealed hinges, aluminum extruded cabinet handle
- 19mm thick MDF laminated adjustable shelves and drawers
- aluminum base board
- Submit color swatches/sample finishes for approval

#### d. TRASHBIN CABINET

- 19mm thick MDF laminated table top, swing-in panel and cabinet door panel with soft closed concealed hinges in metal framing including trash bin.

### **Submittals**

- All Submittals shall be made according to Section 1300 and as described herein.
- Submit all the following for each item of Finish Carpentry:
  - Shop Drawings, indicating fabrication and installation methods, to include plans and elevations at not less than (1:20) scale and details at not less than 1'-0" (1:5) scale. Indicate required anchorage and blocking, accessory items, field dimensions, materials and finishes. Indicate compliance with specification requirements. Indicate weight of any materials or systems to be suspended or which require support from structure.
  - Manufacturer's Product Data for all specialty items not manufactured by the carpentry fabricator.
  - Where required by the End user or Consultant the contractor shall provide full size mock-up of panel or wood assembly
  - Contractor shall submit to the Consultant three samples 20" (500mm) minimum length of all mouldings or moulding assemblies to be used for the Project. These shall be full size and finished as specified in the Contract Documents.

### **Quality Assurance**

- All work of this Section shall be performed by skilled mechanics of the trade and shall be of the highest quality. Comply with applicable Industry Standards for all work and materials as specified. Such Industry Standards are to include but not be limited to the applicable provisions or standards of the following:
  - American Society for Testing and Materials (ASTM)
  - PNS 196:2000
- The Contractor shall be responsible for obtaining and complying with all code and regulatory agency requirements for materials and methods.
- The Interior Contractor shall be responsible for accurately obtaining all field dimensions related to his work prior to fabrication. Where discrepancies are found, he shall notify the Consultant immediately in writing.
- All Finish Carpentry materials shall be stored in a dry ventilated place, protected from the weather and complying with the temperature and humidity.
- Protect sanded and finished surfaces from soiling and damages during handling and installation.

### **Products**

- All woodwork materials shall be new and conform to premium grade requirements
- All solid wood elements shall be clear, straight-grain lumber of the best grade of specified species. Lumber shall be free of any defects which might impair serviceability, aesthetics, and/or finish. Solid wood elements shall also be according to the following, unless indicated otherwise on drawings and/or specifications.

### **Hardware and Accessories**

- All required hardware and accessories shall be furnished and installed by Interior Contractor and shall be as indicated on drawings and specifications. Where specific products are not specified in the Contract Documents the Interior Contractor shall recommend hardware to provide the function or condition indicated in the Contract Documents. Hinges, screws, clips and other mounting, attachments or fasteners to be concealed unless otherwise noted on drawings.
- Contractor shall submit samples of each hardware item/type and accessory item/type to CPDMO for approval according to Section 01300.
- All Finish Carpentry hardware and accessories shall be installed in accordance with manufacturer's recommendations.

### **Other Materials**

- Interior Contractor shall be responsible for providing and installing all items and materials as indicated on drawings and specifications comprising all or part of the Finish Carpentry shown. Such items and materials shall be fabricated and/or installed according to manufacturer's recommendations and comply with applicable AWI Quality Standards and industry Standards.
- All paint and other finish material shall be pure, unadulterated and best quality from specified manufacturer as indicated on the drawings and specifications.
- All finish materials shall be flame retardant or treated with flame-retardant process where required by local-code. Should flame-retardant process cause change in color and effect on finish material, the contractor shall notify the CPDMO.
- All transparent finishes shall be alcohol, water and burn resistant.

### **Execution**

- The Contractor shall be responsible for examination of the substrate and the conditions under which the work under this section is to be performed, and notify CPDMO in writing of unsatisfactory conditions. Do not proceed with the work under this section until unsatisfactory conditions have been corrected.

### **Fabrication**

- All the work be performed in such manner as to fulfill the intent of the drawings and specifications.
- Where necessary to fit at site provide ample allowance for cutting and fitting. Sufficient additional material shall be allowed to permit accurate scribing to walls, floors and related work; and due allowance made wherever possible for such shrinkage as may develop after installation. All single and sectional units shall be provided with adequate cleating, blocking, crating and other forms of protection as required to preclude damages thereto during shipping and handling and installation.
- Plastic Laminate edges or metal edges shall be square, self-edged, or post formed as indicated on drawings. Edges shall be neatly beveled, joints shall be minimized in quantity and be made to a smooth hairline and puttied. Appearance of unsightly or excessive joints will be cause for rejection.

### **Installation**

- Installation at the Project shall be by skilled mechanics supervised by the Interior Contractor in accordance with accepted standards.
- Install all Finish Carpentry straight, plumb, level and in true alignment except where otherwise indicated. Fit all joints closely and fasten all pieces rigidly in place. Nails shall be finish or casing nails. Countersink nail heads and leave ready for putty. Joints shall be neatly matched and mitered. Fill exposed joints prior to jointing.
  - Finished size shall be indicated on the drawings
  - Surfaces shall be left free from hammer marks, free from warp, twist, open or other defects and shall be cleaned, scraped and sanded ready for finishing.

### **Cleaning and Protection**

- Clean shop finished work, touch-up finish as required and remove and refinish damaged or soiled areas of finish.
- Protect installed Finish Carpentry from damage by work of others trades until End-user's acceptance of the work.

## DIVISION 7 – THERMAL/MOISTURE

### Materials

- Use waterproofing materials, similar or of higher quality approved equivalent, on concrete ledges, decks, and related areas of the building and other concrete surfaces as necessary.
- Use waterproofing materials with approved specifications by CPDMO.

### Application

- Use Surfaces to which waterproofing membrane are to be applied shall be free from foreign matter, clean and smooth, dry and free from holes and projections. The concrete contractor shall perform surface preparations. Immediately before the application of waterproofing membrane, surfaces shall be cleaned. Application will not be permitted in wet weather.
- The Contractor shall submit to the Project Architect/Engineer samples of materials to be used for approval before any work shall start. Waterproofing materials shall be delivered to the site in the original sealed containers or packages bearing manufacturer's name and brand designation.
- Provide additional coating or application as per recommendation to consolidate the substrate
- Follow manufacturer's specifications and allow only the skilled manpower to apply the necessary materials.
- Flood testing should be done at a minimum of twenty-four (24) hours.
- Warranty period on product and application should be at minimum of ten (10) years.
- All works to be done should be inspected and approved by the Project Architect/ Engineer and End-users.

## DIVISION 8 – DOORS AND WINDOWS

### 08000 Doors and Windows / Glass Structure

#### Doors

##### Scope of Work

- The work covered by this Item shall consists of supply and installation of all fabricated door and jambs, equipped with fixing accessories and locking devices including restoration of opening for fitting in accordance with Bill of Quantity, Plan and/or shop drawings and as herein specified.

##### Material Requirement

- a. (D-01) Frameless Double-Leaf, Double Action Swing Glass Door
  - 12mm thick clear tempered glass with security film and frosted sticker, 36mm diameter stainless steel door handles, complete with accessories, threshold, door seal, and bottom door sweep/seal
  - Dimension: 1.60m (W) x 2.10m (H)
  - Follow plan for details and location of doors
- b. (D-02) Frameless Sliding Glass Door
  - 12mm thick clear tempered glass with security film and frosted sticker, 36mm diameter stainless steel door handles, complete with accessories, threshold, door seal, and bottom door sweep/seal
  - Dimension: 0.90m (W) x 2.10m (H)
  - Follow plan for details and location of doors

- c. (D-03) 50mm Single-Leaf, Single Action Veneer Laminated Swing Wood Door
  - Entrance lock lever lockset, surface mount door closer (60kg weight capacity) ISO9002, complete with lockset and accessories, door stopper, threshold, door seal, and bottom door sweep/seal
  - Dimension: 0.80m (W) x 2.10m (H)
  - Follow plan for details and location of doors
- d. (D-04) Single-Leaf, Single Action Steel Flush Door
  - Panel: G.I. Sheet G.A. # 18 (44mm thick)
  - Finish: Epoxy primer, duco finish
  - Jamb: G.I. Sheet G.A. # 16 (97mm thick). 2" x 4" Single Rabbet
  - Insulation: 44mm thick Honeycomb
  - Hardware: 4 pcs, 4.5" x 4.0" x 3.5mm thick butterfly ball bearing hinges; Surface mount door closer (60 kg-weight capacity) ISO9002; Stainless lever type Door Handle; Threshold, Door seal and bottom door sweep/seal & Door stopper
  - Dimension: 0.80m (W) x 2.10m (H)
  - Follow plan for details and location of doors
- e. (D-05) Single-Leaf, Single Action Steel Flush Door with Louver
  - Panel: G.I. Sheet G.A. # 18 (44mm thick)
  - Finish: Epoxy primer, duco finish
  - Jamb: G.I. Sheet G.A. # 16 (97mm thick). 2" x 4" Single Rabbet
  - Insulation: 44mm thick Honeycomb
  - Hardware: 4 pcs, 4.5" x 4.0" x 3.5mm thick butterfly ball bearing hinges; Surface mount door closer (60 kg-weight capacity) ISO9002; Stainless lever type Door Handle; Threshold, Door seal and bottom door sweep/seal & Door stopper
  - Dimension: 0.90m (W) x 2.10m (H)
  - Follow plan for details and location of doors

## Windows

### Scope of Work

- The work covered by this Item shall consists of supply and installation of all fabricated windows, including materials, labor, tools, restoration of openings for fitting and equipment required in undertaking the proper installation as shown on the Plans and in accordance with this Specifications.

### Material Requirement

- a. (W-01) Awning Type Window
  - 6mm thick tempered clear glass with security film on aluminum powder coated frame, complete with accessories
  - Dimensions: 1.20m (W) x 1.20m (H)
  - Follow plan for details and location of doors
- b. (W-02) Fixed Glass Window
  - 6mm thick tempered clear glass with security film on aluminum powder coated frame, complete with accessories
  - Dimensions: 4.30m (W) x 1.00m(H)
  - Follow plan for details and location of doors.