



# ROMBLON STATE UNIVERSITY

## BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505  
Telephone: (042) 567-5952  
Email: bac@rsu.edu.ph  
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## ***SPECIFICATIONS***

The Repair and Rehabilitation of the University Hostel Phase 1 will be located at RSU Main Campus, Brgy. Liwanag, Odiongan, Romblon, The Description of work to be done are the Following:

### **I. Dismantling and Demolition Works including Hauling of Debris**

- a. Removal of Hollow and Damage tiles including chipping works in preparation for the installation of New tiles with a total area of 200Sq.m;
- b. Dismantling of Existing Plywood Ceiling with wood framing with a total area of 678.75 Sq.m.
- c. Demolition of Existing Concrete Water Tank (Top Slab and Walls only);
- d. Dismantling of 2 Sets of Full Height Kitchen Cabinet;
- e. Dismantling of Wood Cornice Base Board (first floor to Second Floor);
- f. Dismantling of base Cabinet in Kitchen;
- g. Dismantling of Drywall Partition;
- h. Demolition of Existing Front Concrete Design, Concrete Plant Box, Landscape and concrete fountain;
- i. Demolition of Concrete Stair Railings; and
- j. Demolition of Concrete Gutter.

### **II. Plastering Works (Front, Back and Left Side)**

- a. Plastering works has a total area of 146.1 Sq.m using washed fine sand with Portland Cement.

### **III. Plumbing Works with Complete Accessories and Installation (All pipes and fittings must use Series 1000) Including 1.5cu.m Stainless Water Tank, 1.5HP Electric Water Pump and Concrete Water Base Tank (1.5mL x 1.5mW x 1.2mH x 0.2mm thick walls with water proofing)**

- a. Removal of 17 Sets of defective Faucet at lavatories and replacement of Stainless Faucet with complete accessories with installation;
- b. Removal and Replacement of 8 Sets of Tank Type Water Closet with Complete accessories and installation;
- c. Supply and installation of 7 Sets Tank type water closet with complete accessories at 3<sup>rd</sup> Floor,
- d. Removal and Replacement of 2 Sets of Defective Lavatory with full pedestal, with complete accessories;
- e. Supply and installation of 2 Sets of Lavatory with full pedestal, with complete accessories;



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- f. Replacement of 23 Sets of 4" Stainless Floor drain
- g. Supply and installation of Stainless Cylindrical Water Tank (1.5 cu.m)
- h. Supply and Installation of 1.5HP Electric Water Pump with complete accessories including piping, gate Valves, Motor pump housing, with Steel stand; and
- i. Concrete base tank with water proofing (Walls and Flooring are all concrete mixture reinforced by 12mm RSB).

#### **IV. Dismantling, Repair and Fabrication of Doors with Installation**

- a. Removal of 1 set Double Panel Wooden Door and Replacement of heavy duty double panel 6mm thick glass door tinted Brown with Door Jamb, Door Hinges, Door handle and lock with analoc frame powder coated brown finish (Size: 1.6m x 2.1m – Main Entrance Front Door);
- b. Removal of 1 set Double Panel Wooden Door and Replacement of heavy duty double panel 6mm thick glass door with Door Jamb, Door Hinges, Door handle and lock with analoc frame powder coated brown finish (Size: 1.2m x 2.1m – Rear Door at GF);
- c. Fabrication and Installation of 5 Sets of Single Panel Wooden Door with Door Jamb Door hinges and Door Knob in Varnish Finish (size: 1.0m x 2.1m) Wooden Door (GF Kitchen area and 3F);
- d. Supply and Installation of 7 Sets of PVC Door with louver and Door Jamb, Door Hinges size: 0.69m x 2.1m (for CR);
- e. Removal and Replacement of 2 Sets of Heavy Duty 6mm thick tinted Green Glass Sliding Door with 2" x 4" Door Jamb frame powder coated green with complete Accessories size 1.8m x 2.1m (2<sup>nd</sup> and 3<sup>rd</sup> Floor);
- f. Removal of 3 Sets of Existing front and rear Glass door and fabrication and installation of 6mm thick tinted brown double panel glass door with door jamb, door hinges and door handle with 2" x 4" Door Jamb frame powder coated brown with complete accessories size: 1.20m x 2.1m (2<sup>nd</sup> and 3<sup>rd</sup> Floor);
- g. Provision of 1 Set of Exit Door at 3<sup>rd</sup> Floor rear area using 6mm thick tinted brown double panel glass door with door jamb, door hinges and door handle with 2" x 4" Door jamb frame powder coated brown with complete accessories size: 1.20m x 2.1m (3<sup>rd</sup> Floor); and
- h. Provision of Exit Door at Ground Floor Canteen Area using 6mm thick tinted Brown Double Panel Glass Door with Door Jamb, Door Hinges, and Door Handle with 2" x 4" Door Jamb Frame Powder Coated brown with complete accessories size: 1.20m x 2.1m.



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- V. Tile Works of 769.5 Sq.M (Flooring, CR and Stairs)**
- Use 30cm x 30cm tile (same at existing) for CR;
  - Use 60cm x 60cm tile (same at existing); and
  - Use Portland Cement, Fine Sand, Tile Adhesive and Tile Grout for tile works.
- VI. Scaffolding Works**
- Using 3 inches diameter x 10 feet Round Poles and 2 inches x 3 inches x 10 feet Coco lumber.
- VII. Roofing Works including Stainless Gutter**
- Removal and Replacement of dilapidated Rib type Color Roof including gutters, ridge rolls and Flashings also includes the repainting of Existing roofs (117 Sq.m); and
  - Supply and installation of 0.4mm thick stainless gutter (39 L.m).
- VIII. Electrical Works including Fire Protection Works and Permanent Electrical Connection**
- Wires and cables includes of 1.25mm<sup>2</sup> TF wire, 2.0mm<sup>2</sup> TWN/THHN, 3.5mm<sup>2</sup> TWN/THHN, 121m of 14mm<sup>2</sup> TWN/THHN, 25m of 60mm<sup>2</sup> TWN/THHN, with wiring accessories and supports;
  - Lighting and Electrical Devices including 51 Units of Lighting Switch, 12 Units ACU Outlet, 44 Units Universal Single Outlet, 96 Units Universal duplex outlet with ground, 1 unit of Decorative Ceiling light 40W, 125 Units of Pinlight 3.5 inch 18W (recessed), 1 Unit of Pinlight 18W (Surface mounted), 6 units of T8 18W LED tube with fixture, 1 Unit of Ceiling Light 20W (Surface mounted), 36 Unit of Heavy Duty Rechargeable Twin Headlight Emergency Light with battery indicator and over charging protection, 8 units of exit light, and Lighting hanger support;
  - Pipes and Conduits including ½ inch dia. X 10 feet Orange PVC pipe, ½ inch dia. Flexible Orange PVC conduit, 2 inch dia. X 10 feet G.I. Pipe Schedule 40, 1 assembly of Service Entrance Cap, Conduit fittings and accessories, and Electrical boxes; and
  - 34 Units of Smoke Detector, 3 Units of Manual Push Station with Sounder, 1 unit of Fire Alarm Control Panel (4 Zones Simplex), 1 Assy. Of Electric Meter Single Phase CT type, 1 Assy. of ECB 200AT NEMA 3R, 1 Assy. of Bus Bar Gutter 200AF, 3 Assy. of Electrical panel (flush mounted) 12 branches with CB, with Electrical Permit Application and Professional Fee for PEE, with Concrete Pole, complete wiring, and pole accessories with 50kVA transformer.



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### IX. Ceiling Works with Ceiling Designs

- a. Fabrication and Installation of 4.5mm thick Ficem Board Ceiling with metal furring and carrying channel framing including painting works with a total area of 769.5 Sq.m (Receiving area, Canteen Area and Function Room have drop ceiling designs).

### X. Fabrication of Fire Escape

- a. Using 4 inches diameter Schedule 40 G.I. Pipe for Columns and 2 inches in diameter Schedule 40 G.I. Pipe for Railings, and 2 inches x 6 inches x 3mm thick C-purlins, 5pcs. 2 inches x 4 inches x 3mm thick C-purlins, 2 inches x 4 inches x ¼ thick C-Channel, 12mm $\phi$  x 6m RSB, 5pcs. of 10mm $\phi$  x 6m RSB, with concrete base using Portland Cement, washed sand, washed gravel, and painted with Epoxy primer (gray) and epoxy primer paint.

### XI. Fire Extinguisher with Stand/Holder with Installation

- a. Installation of 15 Set ABC type Fire extinguisher (10lbs.) with holder.

The project can be completed within **210 Calendar Days**. The Total estimated cost of the project is **Five Million Pesos Only (PhP5,000,000.00)**.