

Project Title: ✓ REPAIR OF CLASSROOMS
Location: ✓ BU Main Campus, Daraga, Albay
ABC: ✓ Php 1,300,000.00
Duration: ✓ 60 C.D

SCOPE OF WORKS AND TECHNICAL SPECIFICATIONS

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

The plans, detailed drawings and this scope of work shall be considered as complementing with each other, so that what is mentioned or shown on one, although not mentioned or shown in another, shall be considered as appearing in both. In case of conflict between the two, the same should be referred to the designing Architect/Engineer.

ITEMS OF WORK INCLUDED :

This program of work covers the repair of classrooms(left wing) at BUCEILS Gabaldon Building. ✓

I. GENERAL REQUIREMENTS 1.00 lot ✓
 This item of work includes the fabrication and installation of Project Sign Boards, Temporary Utilities, Stock Room and Enclosure, and the provisions for the Construction Safety and Health Program. This also includes 2 months of Water and Electrical Power Consumption.

II. SITE WORKS 1.00 lot ✓
 This item of work includes the following site works:

A. Clearing and cleaning of site before and after construction ✓	1.00 lot ✓
B. Dismantling of damaged roofing ✓	1.00 lot ✓
C. Dismantling of ceiling and ceiling joists ✓	14.30 sq.m ✓
D. Replacement of damaged wood support/beam of flooring ✓	1.00 lot ✓
E. Removal of tiles and T&G Wood Flooring ✓	72.34 sq.m ✓
F. Dismantling and removal of electrical fittings and wirings ✓	1.00 lot ✓
G. Hauling of construction materials and waste material ✓	1.00 lot ✓

Replace the damaged wood support/beam on flooring. Use the same material as existing.
 Also included is the equipment rental of hauling truck needed to complete the said item of work. Confer with the Supply Officer as to the designated area where the waste materials are to be stockpiled. The contractor shall submit the waste material prior to demobilization.

III. ROOFING WORKS 1.00 lot ✓
 This item of work includes the furnishing and installation of the following bill of materials for the replacement of valley gutter.

- 0.5mm thk. Pre-painted Corrugated GI Sheet (3'x12')	25.00 pcs ✓
- Ga.22 Plain G.I Sheet (for valley gutter)	6.00 pcs ✓
- 3" x 6" x 12ft Good Lumber	6.00 pcs ✓
- 2" x 4" x 12ft Good Lumber	10.00 pcs ✓
- Tekscrew	1240.00 pcs ✓
- Roof Sealant	1.00 gal ✓
- Miscellaneous items	1.00 lot ✓

This item of work also includes equipmental rental of drill tools and drill bits, cutting tools & blade necessary for the completion of work.

Use only approved materials from the authorized representative. Use roof sealant.

Use other miscellaneous hardware items necessary for the completion of work.

All materials shall be approved high quality.

Please refer to the Plan for complete details.

IV. CEILING WORKS 14.30 sq.m. ✓

This item of work includes the furnishing and installation of 1/2" x 6" x 12' Tongue and Groove Ceiling (or same as existing) on 2" x 4" x 12' Good Lumber with ceiling joist spaced @ 600mm x 400mm on center bothways. Use Finishing nails for anchorage of joints. Use wood filler and wood preservative on wood surfaces. Use the same quality of materials of the existing wooden ceiling and joists.

Use Quick Drying Enamel (2 coats) for painting of wood surfaces.

Use sandpaper, paint rollers, brushes tray, rags, newspaper, and other necessary items for the completion of work.

This item of work also includes equipmental rental of one (1) set of drill tool and drill bits, and one (1) set of cutting tool and blades necessary for the completion of work.

All materials shall be approved high quality.

Please refer to Ceiling Plan for complete details.

V. TILE WORKS AND WOOD FLOORING 72.34 sq.m ✓

This item of work Includes furnishing and installation of the following Tiles for the specified areas. Use heavy duty tile adhesive, fine sand, and cement for bonding , and tile grout for filling joints.

A. TILE WORKS	12.34 sq.m
✓ Floor Tiles	
✓ Room 17	1.68 sq.m. ✓
- 400mm x 400mm Unglazed Floor Tiles	12.00 pcs ✓
✓ Room 5	1.68 sq.m. ✓
- 400mm x 400mm Unglazed Floor Tiles	12.00 pcs ✓
✓ Wall Tiles	
✓ Room 17	4.16 sq.m. ✓
- 400mm x 400mm Glazed Wall Tiles	29.00 pcs ✓
✓ Room 5	4.16 sq.m. ✓
- 400mm x 400mm Glazed Wall Tiles	29.00 pcs ✓
✓ For Sink/Counter	
✓ Room 17	0.66 sq.m. ✓
- 600mmx600mm Glazed Tiles	3.00 pcs ✓

✓ B. WOOD FLOORING (T&G) 60.00 sq.m ✓

This item of work includes furnishing and installation of the following T&G wood flooring for the specified areas. Use finishing nails, wood filler and wood preservatives.

 This item of work includes the replacement of damaged T&G wood planks at Room 17, Room 5, Computer Room and Office of the Principal.

 ✓ Tongue & Groove Wood Planks (1" x 3" x 12' or same as existing) 244.00 pcs ✓

 Use the same quality/material of the existing wooden floor.

 ✓ Use sandpaper, paint rollers, brushes tray, rags, newspaper, and etc. necessary for the completion of work.

 This item of work includes the equipmental rental of one (1) set of drill tool and drill bits, and one (1) set of cutting tool and blades, tile cutter/edger and other necessary for the completion of work.

 Please refer to Plan for complete details.

✓ VI. PLUMBING WORKS 1.00 lot ✓

This item of works includes the supply and installation of the following materials located at Room 17, Room 5 and Office of the Principal:

✓ Kitchen Sink w/ Faucet	2.00 sets ✓
✓ Faucet	2.00 pcs ✓
✓ 4" Floor Drain	2.00 pcs ✓
✓ Portable Sink Complete Rack set w/ stand and faucet	1.00 set ✓
✓ Water Closet Fill Valve 1/2"	4.00 pcs ✓
✓ 25mmØ Gate Valve	1.00 pc ✓
✓ 20mmØ PPR Pipe x 4m	3.00 pcs ✓
✓ 20mmØ PPR Elbow 90 deg	3.00 pcs ✓
✓ 3" PVC pipe x 3 m	6.00 pcs ✓
✓ 3" PVC Elbow 45°	4.00 pcs ✓
✓ 3" PVC Clean-Out with Plug & Seal Ring	2.00 pcs ✓
✓ Teflon tape 1/2"	10.00 pcs ✓
✓ Miscellaneous Items	1.00 lot ✓

 Please refer to the plumbing plans for more details.

✓ VII. SINK/COUNTER

This item of work includes the furnishing and installation of the following bill of materials for the repair of sink/counter of Room 5 and Room 17.

✓ SINK/COUNTER @ ROOM 5	
✓ 2400x600mm Laminate Countertop	1.00 pc ✓
✓ 2"x2" Stainless Steel Square Tube	3.00 pcs ✓
✓ 3/4" Plyboard (Wood Laminates)	2.00 pcs ✓
✓ Stainless Steel Handle	3.00 pcs ✓
✓ Cabinet Hinges	6.00 pcs ✓
✓ 1m x 0.4m Aluminum Framed Aluminum Composite Panel (Wood Color)	1.00 set ✓
✓ Wood Glue	1.00 kg ✓
✓ Blackscrew	100.00 pcs ✓
✓ SINK/COUNTER @ ROOM 17	
✓ 3/4" Plyboard (Wood Laminates)	1.00 pc ✓
✓ Stainless Steel Handle	2.00 pcs ✓
✓ Cabinet Hinges	6.00 pcs ✓
✓ 1.2m x 0.4m Aluminum Framed Aluminum Composite Panel (Wood Color)	1.00 set ✓
✓ Wood Glue	1.00 kg ✓
✓ Blackscrew	50.00 pcs ✓
✓ Miscellaneous Items	1.00 lot ✓

 All materials shall be approved high quality.

 Please refer to plan for complete details.

VIII. ELECTRICAL WORKS

1.00 lot

This item of works includes dismantling of existing lighting fixtures and to be replaced with new one.
Also includes installation of convenience outlet and ceiling fan outlet

For lighting layout-use 2-3.5 sq. mm THHN wire in PVC 20 mm dia conduit and for switches, use plastic moulding
For convenience outlet, use 2-3.5 sq. mm THHN wire + 1-3.5 sq. mm THHN wire in PVC 20 mm dia conduit/ plastic moulding.
Power supply will be tapped at existing Panelboard.

See below stated bill of materials:

Room 5 and 17

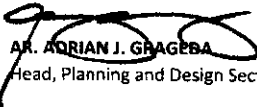
Circuit breaker 20AT, 2P, plug-in type/ bolt on (same as existing) -	2.00 pcs ✓
Ceiling fan control only -	6.00 sets ✓
electrical tape -	6.00 rolls ✓
receptacle 4" dia with 15W led bulb -	12.00 sets ✓
two gang switch.	2.00 sets ✓
duplex convenience outlet ✓	14.00 sets ✓
amco box ✓	22.00 pcs ✓
Junction box with cover ✓	18.00 pcs ✓
plastic moulding 3/4" ✓	50.00 pcs ✓
pvc 20 mm dia conduit ✓	60.00 pcs ✓
3.5mm ² THHN wire ✓	7.00 bxs ✓
20 mm dia c-clamp ✓	2.00 packs ✓
Other miscellaneous and consumables such as tox with screw, bostik no more nails, cable tie, pvc clamps, expansion bolt with shield, etc ✓	1.00 lot ✓

IX. SCAFFOLDINGS

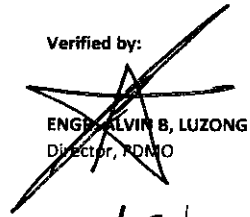
1.00 lot

This item of work includes the rental of G.I. Pipe & H-Frame for scaffolding. Also included is the furnishing and installation of 1pc 1/2" THK Phenolic Board, 90 bd.ft. of 2"x 3" x 12' Coco Lumber, and 60 bd.ft. of 2"x 2" x 12' Coco Lumber, G.I. Tie Wire #16 and assorted CW nails for formworks, scaffolding and bracing to complete the said item of work.

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