



PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2022 BEFF - REPAIR OF GABALDON BUILDING - REGION X - KALABAYLABAY IS- 001

School: KALABAYLABAY INTEGRATED SCHOOL			Date:			
School ID: 501927			Budget Allocation:			
Region: X- NORTHERN MINDANAO			Engineering Administrative Overhead:			
Division: EL SALVADOR CITY			Approved Budget for Contract:			
Project Title:			Completion Period:			
REPAIR OF GABALDON BUILDING			Minimum Required Manpower:			
			General Foreman Carpenter Painter Electrician Helper			
Location: KALABAYLABAY, EL SALVADOR CITY			Minimum Required Equipment:			
			Planer Power Tools Hand Tools			
Item I.D.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
I. DIRECT COST						
	General Requirements		lot	1.00		
4	Formworks		lot	1.00		
6	Doors and Windows		lot	1.00		
8	Roofing Works		lot	1.00		
9	Carpentry Works		lot	1.00		
10	Electrical Works		lot	1.00		
13	Painting Works		lot	1.00		
15	Marker with Pedestal		lot	1.00		
	Sub-Total					
II. INDIRECT COST 22% of (I)						
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	Sub-Total					
III. TAX 5%						
	Sub-Total					
IV. TOTAL CONSTRUCTION COST (I + II + III)						

Prepared:

Contractor/Authorized Representative



**PROGRAM OF WORKS
DETAILED COST ESTIMATE**

PROJECT : REPAIR OF GABALDON BUILDING
SCHOOL : KALABAYLABAY INTEGRATED SCHOOL
LOCATION : KALABAYLABAY, EL SALVADOR CITY
OWNER : DEPARTMENT OF EDUCATION

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Project Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Sub-Total							
4.0000	Formworks	sq.m	72.00					
4.0100	Coco Lumber	bd ft	1,224.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	13.00					
4.0400	CWN, Assorted	kg	18.00					
	Sub-Total							
6.0000	Doors and Windows							
	Wood Panelled Capiz Shell Window on 645							
	Wood Window Frames, Awning Type							
	W-1 Accessories for Capiz Shell Panel Windows 645dr	lot	1.00					
	Sub-Total							
8.0000	Roofing Works							
8.3600	Roof beamlet	L	6.00					
	Sub-Total							
9.0000	Carpentry and Woodworks							
	Architectural							
	Indoor Tile with Wood T&G Effect Flooring	sq.m	126.00					
	(FF-3) 600mm x 100mm x 10-14mm Synthetic T&G Wood Finish, Non-Skat Floor Tiles/Planks (or Any Approved Equivalent) complete with concrete mix and other installation accessories	pc	1,400.00					
	Reconstruct Wooden Ceiling							
	Interior Ceiling							
9.2700	T&G 1/2" x 4"	bd ft	678.26					
	2"x2" Rough Lumber, Kiln Dried, Tangule	bd ft	494.19					
	Finishing Nails	kg	13.00					
	CW Nails	kg	10.00					
	Wood Preservative, Brown	gal	12.00					
	Sub-Total							
10.0000	Electrical Works							
	Wires & Fixtures							
10.1100	3.5 mm ² THW Wire, Stranded (New)	m	150.00					
10.1400	5.5 mm ² THW Wire, Stranded	m	50.00					
10.2000	2-80W CFL with 300mm dia. Reflectorsizes	set	12.00					
	Lighting Fixtures (see details)							
10.5700	200mm dia. Surface Mounted Lgting Fixtures, Powder Coated	set	4.00					
10.6000	Fire Extinguisher Dry Chemical (10 lbs.)	set	6.00					
10.5800	Electrical Tape	pc	5.00					
	Sub-Total							
13.0000	Painting Works							
	Wooden and Concrete Surfaces	sq.m	540.17					
	Polyurethane	gal	7.00					
13.0400	Enamel, Flatmat	gal	37.00					
13.1500	Glazing Putty	gal	37.00					
13.0500	Enamel, Sem Gloss	gal	37.00					
13.1600	Paint Thinner	gal	28.00					
	Roller Brush	pc	12.00					
	Paint Brush	pc	15.00					
	Sub-Total							
17.0000	Historical Marker with Pedestal							
	Earthworks							

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
2 0100	Structural Excavation	cu.m	0.42					
2 0200	Backfilling and Compaction	cu.m	0.25					
2 0300	Gravel Bedding G-1	cu.m	0.07					
	Sub-total							
	Concreting Works							
	Wall Footing	cu.m	0.18					
2 0100	Portland Cement	bags	2.00					
2 0200	Crushed Gravel 3/4"	cu.m	0.25					
2 0300	Washed Sand	cu.m	0.25					
	Sub-total							
	Rebar Works							
3 0900	Wall Footing, 12mm dia RSB	kg	15.58					
3 1200	G.I. Tie Wire	kg	0.16					
	Sub-total							
	Steel Works							
	Metal Sheet	pc	0.08					
	Historical Marker Plate	pc	1.00					
	Sub-total							
	Masonry Works							
	Masonry Wall	sq.m	3.70					
5 0200	CHB 6" thk	pc	47.00					
2 0100	Portland Cement	bags	2.00					
2 0300	Washed Sand	cu.m	1.00					
3 0900	12mm x 6m RSB	kg	29.90					
3 1200	G.I. Tie Wire	kg	0.30					
	Plastering	sq.m	4.55					
2 0100	Portland Cement	bags	2.00					
2 0300	Washed Sand	cu.m	1.00					
	Sub-total							
	Electrical Works							
	Roughing-Ins							
10 0100	Electrical Conduct uPVC 15mm dia.	pc	5.00					
10.1600	Junction Box, 4" x 4" G.I.	pc	1.00					
10.1700	Utility Box, 2" x 4" G.I.	pc	1.00					
	Wires & Fixtures							
	Weatherproof Light	pc	1.00					
10.1600	3.5 mm2 THHN Wire, Stranded	m	10.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 250V)	pc	1.00					
10.5500	Electrical Tape	pc	2.00					
	Sub-total							
	Painting Works							
	Concrete Surfaces	sq.m	4.55					
13 0100	Neutralizer	gal	1.00					
13 0200	Latex, Flat	gal	1.00					
13 0300	Masonry Putty	gal	1.00					
13 0400	Latex, Semi Gloss	gal	1.00					
13 0500	Acri Color	qrt	1.00					
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST 22% of (I - Gen. Req.)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

Prepared by:

Contractor/Authorized Representative

DETAILED UNIT PRICE ANALYSIS

Project : : PROPOSED REPAIR OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET)

Location: El Salvador City

Item: A.1

Description: Temporary Facilities

Quantity: 1.00
Output : 1.00
Unit: lot

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)				Php	-
D.	Direct Cost (A+B+C)			Php	-
E.	Overhead,Contingencies and Miscellaneous (Ocm)			0% of D.	-
F.	Contractor's Profit			10% of D.	-
G.	Value Added Tax (VAT)			5% of (D+E+F)	-
H.	Adjusted Total Cost (D+E+F+G)			Php	-
I.	Adjusted Unit Cost (H/Quantity)			Php	-