



PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2022 BEFF - REPAIR OF GABALDON BUILDING - REGION X - MOLUGAN CS - 002

School: MOLUGAN CENTRAL SCHOOL			Date:			
School ID: 127676			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			
Location: MOLUGAN, EL SALVADOR CITY			Carpenter		Painter	
			Electrician		Helper	
			Minimum Required Equipment:			
			Planer		Power Tools	
Item I.D.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
I. DIRECT COST						
	General Requirements		lot	1.00		
6	Doors and Windows		set	1.00		
9	Carpentry 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 : MOLUGAN CENTRAL SCHOOL
LOCATION : MOLUGAN, 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							
6.0000	Doors and Windows							
	Wood Panelled Capiz Shell Window on S4S Wood Window Frames, Awning Type							
	W-1 Accessories for Capiz Shell Panel Windows	set	1.00					
	Sub-Total							
9.0000	Carpentry and Woodworks							
	Architectural							
	Wooden Flooring	sq m	189.00					
9.2700	S4S Lumber, T&G 3/4" x 4" Hard Wood Floor Planks, Kin Dried Red Mahogany or Equivalent	bd ft	1,525.41					
9.1400	S4S Lumber, 2" x 8" Hard Wood Floor Joist and Bridging, Kin Dried, Red Mahogany or Equivalent	bd ft	1,200.00					
	CW Nails	kg	23.00					
	Finishing Nails	kg	52.00					
	Wood Preservative, Brown	gal	28.00					
	Sub-Total							
13.0000	Painting Works							
	Wooden Surfaces	sq m	810.25					
	Polyurethane	gal	13.00					
13.0400	Enamel, Flatwall	gal	50.00					
13.1500	Glazing Putty	gal	50.00					
13.0500	Enamel, Semi Gloss	gal	50.00					
13.1600	Paint Thinner	gal	18.00					
	Roller Brush	pc	16.00					
	Paint Brush	pc	10.00					
	Sub-Total							
17.0000	Historical Marker with Pedestal							
	Earthworks							
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					

LD. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
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							
2 0100	Portland Cement	sq.m	4.55					
2 0300	Washed Sand	cu.m	1.00					
	Sub-total							
	Electrical Works							
	Roughing-ins							
10 0100	Electrical Conduit 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 mm ² THHN Wire, Stranded	m	10.00					
10 2900	Single Pole Wall Switch in One	pc	1.00					
10 5500	Switch Plate (10 AMP, 250V)	pc	1.00					
	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	-