

BILL OF QUANTITIES

PROJECT : RESTORATION OF GABALDON/HERITAGE BUILDING (TWO CLASSROOMS)
SCHOOL : KALABAYLABAY ELEMENTARY 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 / Standard Billboard / Material Testing/other requirements	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling cost	lot	1.00					
	Sub-total							
1.00	Earthworks							
1.01	Clearing and Grubbing	cu.m	171.00					
1.02	Structural Excavation	cu.m	30.00					
	Sub-total							
2.00	Concreting Works							
	Foundation	cu.m	4.80					
2.01	Portland Cement	cu.m	44.00					
2.02	Crushed Gravel 3/4"	cu.m	5.00					
2.03	Washed Sand	cu.m	3.00					
	Column	cu.m	7.50					
2.01	Portland Cement	cu.m	68.00					
2.02	Crushed Gravel 3/4"	cu.m	7.50					
2.03	Washed Sand	cu.m	3.75					
	Slab	cu.m	6.30					
2.01	Portland Cement	cu.m	57.00					
2.02	Crushed Gravel 3/4"	cu.m	6.50					
2.03	Washed Sand	cu.m	3.25					
	Ramp/Stair	cu.m	2.28					
2.01	Portland Cement	cu.m	21.00					
2.02	Crushed Gravel 3/4"	cu.m	2.50					
2.03	Washed Sand	cu.m	1.25					
	Sub-total							
3.00	Rebar Works							
	Foundation							
3.01	Deformed Round Bars, Grade 40	kg	284.40					
3.02	G.I. Tie Wire	kg	6.00					
	Column							
3.01	Deformed Round Bars, Grade 40, 16mm	kg	284.40					
3.01	Deformed Round Bars, Grade 40, 12mm	kg	147.84					
3.02	G.I. Tie Wire	kg	9.00					
	Sub-total							
4.00	Formworks	sq.m	90.00					
4.01	Coco Lumber	bd.ft	1,530.00					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	16.00					
4.04	CWN, Assorted	kg	22.00					
	Sub-total							
6.00	Doors and Windows							
	Replacement of Doors and Jamb							
	ED-1(1.00mx2.68m), Replace New Wooden Door and apply putty to even the wood in Semi- Gloss Paint Finish (Choco Brown).	pc	4.00					
	Door Lockset & Hardware							
	Stainless Steel Door Pull w/ Padlock	set	4.00					
	New Timber Lattice Frames w/ Capiz Shell in Lays, Polyurethane Finish							
	W-1 (0.90m x 2.0m) New Capiz Window	sq.m.	36.00					
6.21	PVC Door 0.70m x 2.10m (CR)	pc	2.00					
	Sub-Total							
8.00	Roofing Works							
8.01	Removal of Roofing Sheets	m	282.48					
8.02	Removal of Ridge Roll	pc	9.00					
8.03	Removal of Flashing	pc	10.00					
8.05	Removal of Fascia Board	pc	20.00					
8.16	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	m	282.48					
8.17	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	9.00					
8.19	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	10.00					
8.35	Teckscrew 2-1/2"	pc	1,575.00					

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
8.36	Roof Sealant	L	4.00					
	Sub-Total							
9.00	Carpentry and Woodworks							
	Structural							
	Rehabilitate Wooden Trusses							
9.34	Removal of Wooden Rafter and Purlins	bd.ft	1,000.00					
	3"x8" Hardwood Rafter	bd.ft	600.00					
	2"x6" Hardwood Purlins	bd.ft	400.00					
	Mach. Bolt w/ Std. Nuts & Washers, 5/8"x7"	pc	110.00					
	Mach. Bolt w/ Std. Nuts & Washers, 5/8"x10"	pc	200.00					
	Nails	kg	19.00					
	Wood Preservative, Brown	L	6.00					
	Architectural							
	Reconstruct Wooden Wall							
	Removal of T&G Wooden Panel	bd.ft	1,500.00					
9.27	T&G 3/4" x 4"	bd.ft	1,500.00					
	S4S Lumber, Kiln Dried Tanguile(V & H Studs)	bd.ft	200.00					
	1" x 1"x8' Quarter Round Wood Molding	pc	60.00					
	Finishing Nails	kg	17.00					
	Wood Preservative, Brown	L	4.00					
	Reconstruct Wooden Ceiling							
	Exterior Ceiling							
	Removal of T&G Wooden Ceiling Panel	bd.ft.	510.21					
9.27	T&G 3/4" x 6"	bd.ft.	346.88					
	2"x2" Rough Lumber, Sun Dried, Tanguile	bd.ft	163.33					
	Finishing Nails	kg	4.00					
	CW Nails	kg	4.00					
	Wood Preservative, Brown	L	4.00					
9.19	Fascia Board, Fiber Cement 10" x 12'	pc	20.00					
9.22	Finishing Nails	kg	2.00					
	Interior Ceiling							
	Removal of T&G Wooden Ceiling Panel	bd.ft.	291.00					
9.09	Fiber Cement Ceiling Board (4.5mm thk)	pc	46.00					
	2"x2" Rough Lumber, Sun Dried, Tanguile	bd.ft	245.00					
	Hardi Nails	kg	4.00					
	CW Nails	kg	5.00					
	Wood Preservative, Brown	L	4.00					
	Wooden Wall (CR)	sq.m	36.00					
9.14	S4S Lumber, Kiln Dried Tanguile(V & H Studs)	bd.ft	86.67					
9.07	Plywood, Marine 1/2" x 4' x 8'	pc	8.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	2.00					
9.42	Wood Preservative, Brown	L	2.00					
	Blackboards(2 units)	sq.m	17.28					
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft	110.00					
9.43	Lawanit, 1/4" thk	pc	6.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	2.00					
9.24	Concrete Nails	kg	1.00					
	Sub-Total							
10.00	Electrical Works							
	Roughing-ins							
10.02	Electrical Conduit uPVC, 20mmØ	pc	60.00					
10.07	RSC 25mmØ	pc	2.00					
10.36	Entrance Cap 25mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	16.00					
10.17	Utility Box, 2" x 4" G.I.	pc	16.00					
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Wires & Fixtures							
10.11	3.5 mm2 THW Wire, Stranded (New)	m	300.00					
10.14	5.5 mm2 THW Wire, Stranded	m	50.00					
10.28	Duplex C.O. with Plate	pc	8.00					
10.25	3-Gang Switch with Plate	pc	2.00					
10.23	Single Switch with Plate	pc	4.00					
10.20	2-80W CFL with 300mm dia. Reflectorizes Lighting Fixtures (see details)	set	12.00					
	Pin Light (100mm surface mounted)	set	6.00					
10.60	Fire Extinguisher Dry Chemical (10 lbs)	set	2.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	2.00					
10.39	Circuit Breaker, 30A 2P	set	2.00					
10.59	Wall Fan (Standard/Any Equivalent)	set	4.00					
10.55	Fire Alarm Bell, Vibrating Type	set	1.00					
10.56	Fire Alarm Station, Manual Single Action	set	1.00					
10.57	Fire Alarm Control Panel, One Zone	set	1.00					
10.58	Electrical Tape	pc	3.00					

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Sub-Total							
11.00	Plumbing Works							
11.62	Water Closet 1.6gpf with Accessories	set	2.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	2.00					
11.65	S.S.Floor Drain 4' x 4"	pc	2.00					
11.68	S.S. Grab Rail 1-1/2"Ø	set	2.00					
11.44	Gate Valve, 1/2"Ø	pc	3.00					
11.01	uPVC Water Line 1/2"Ø	pc	6.00					
11.21	PP-R Elbow 90o x 1/2"Ø	pc	6.00					
11.15	PP-R Tee, 1/2"Ø	pc	6.00					
11.66	Teflon Tape	roll	5.00					
	Sub-total							
12.00	Sanitary Works							
12.09	uPVC Sanitary Pipe 4"Ø	pc	2.00					
12.07	uPVC Sanitary Pipe 2"Ø	pc	12.00					
12.11	uPVC Elbow 90o x 2"Ø	pc	2.00					
12.17	uPVC Tee 2" x 2"	pc	2.00					
12.13	uPVC Elbow 90o x 4"Ø	pc	2.00					
12.30	uPVC P-Trap 2"	pc	2.00					
12.28	Brass Cleanout 4" x 4"	pc	2.00					
12.33	PVC Cement	can	3.00					
	Sub-total							
13.00	Painting Works							
	Concrete surfaces	sq.m	411.00					
13.01	Latex, Flat	gal	17.00					
13.14	Masonry Putty	gal	17.00					
13.02	Latex, Semi Gloss	gal	17.00					
13.20	Acri Color	qrt	5.00					
	Wooden Surfaces	sq.m	611.78					
13.04	Enamel, Flatwall	gal	31.00					
13.15	Glazing Putty	gal	31.00					
13.05	Enamel, Semi Gloss	gal	31.00					
13.16	Paint Thinner	gal	16.00					
	Sub-Total							
14.00	Tile Works							
	Wall (Comfort Room)	sq.m.	24.00					
14.04	Glazed Wall Tiles 40cm x 40cm	pc	150.00					
	Portland cement	bag	5.00					
14.16	Tile Adhesive 25 kg/bag	bag	5.00					
14.13	Tile Trim 6mm	pc	6.00					
14.15	Tile Grout 5 kg/bag	bag	2.00					
14.15	Flooring (Comfort Room)	sq.m	5.40					
	Portland Cement	bag	1.00					
14.01	Unglazed Floor Tiles 40cm x 40cm	pc	34.00					
14.16	Tile Adhesive 25 kg/bag	bag	1.00					
14.15	Tile Grout 5 kg/bag	bag	1.00					
	Sub-total							
	CHB SEPTIC VAULT 2.30 X 3.45 X 2.15M (2 units)							
	Earthworks							
1.01	Clearing and Grubbing	sq.m	6.67					
1.02	Structural Excavation	cu.m	48.00					
1.03	Backfilling and Compaction	cu.m	7.20					
1.04	Gravel Bedding G-1	cu.m	0.67					
	Sub-total							
	Concreting Works							
	Septic Vault Slab	cu.m	3.20					
2.01	Portland Cement	bag	29.00					
2.02	Crushed Gravel 3/4"	cu.m	2.00					
2.03	Washed Sand	cu.m	4.00					
	Sub-total							
	Rebar Works							
	Septic Vault Slab							
3.01	Deformed Round Bars, Grade 40	kg	199.58					
3.02	G.I. Tie Wire	kg	3.99					
	Sub-total							
	Formworks							
4.01	Coco Lumber	bd.ft	398.00					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	6.00					

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
4.04	CWN, Assorted	kg	6.00					
	Sub-total							
	Masonry Works							
	Septic Vault CHB Wall	sq.m	56.00					
5.04	CHB 4" thk	pc	700.00					
5.02	Portland Cement	bag	19.00					
5.03	Washed Sand	cu.m	3.00					
3.01	Deformed Round Bars, Grade 40	kg	75.00					
3.02	G.I. Tie Wire	kg	2.00					
	Plastering	sq.m	112.00					
5.02	Portland Cement	bag	37.00					
5.03	Washed Sand	cu.m	4.00					
	Sub-total							
	Sanitary Works							
12.09	uPVC Sanitary Pipe 4"Ø	pc	5.00					
12.13	uPVC Elbow 90o x 4"Ø	pc	4.00					
12.21	uPVC Tee 4" x 4"	pc	12.00					
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST 22% of (I)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

Prepared by:

Contractor/Authorized Representative