

BILL OF QUANTITIES

PROJECT : REPAIR/REHABILITATION OF FOUR (4) CLASSROOMS
SCHOOL : NAAWAN CENTRAL SCHOOL
LOCATION : NAAWAN, MISAMIS ORIENTAL
OWNER : DEPARTMENT OF EDUCATION
SUBJECT : BILL OF QUANTITIES

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/Signage	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling cost	lot	1.00					
	Sub-total							
	MODIFIED GABALDON - FOUR (4) CLASSROOMS							
6.00	Doors and Windows							
	Replacement of Doors and Jambs							
	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					
6.21	PVC Door 0.70m x 2.10m	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 (0.95m x 1.80m) New Capiz Window	set	24.00					
	Sub-Total							
8.00	Roofing Works							
8.16	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	m	662.40					
8.17	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	25.00					
8.19	Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	18.00					
8.35	Teckscrew 2-1/2"	pc	7,680.00					
8.36	Roof Sealant	L	6.00					
	Sub-Total							
9.00	Carpentry and Woodworks							
	Structural							
	Replace Damaged & Deteriorated Floor Joist							
	Removal of Damaged Floor Joist	bd.ft	1,066.67					
	2"x8" Hardwood, Floor Joist	bd.ft	1,066.67					
	CWN	kg	10.00					
	Wood Preservative, Brown	L	4.00					
	Rehabilitate Wooden Trusses							
9.34	Removal of Wooden Truss	bd.ft	800.00					
	3"x8" Hardwood Rafter	bd.ft	320.00					
	2"x6" Hardwood Purlins	bd.ft	480.00					
	Mach. Bolt w/ Std. Nuts & Washers, 5/8"x7"	pc	15.00					
	Mach. Bolt w/ Std. Nuts & Washers, 5/8"x10"	pc	15.00					
	CWN	kg	10.00					
	Wood Preservative, Brown	L	4.00					
	Architectural							
	Reconstruct Wooden Flooring							
	Removal T&G Wood Flooring	bd.ft.	2,300.00					
9.26	T&G 3/4" x 4"	bd.ft.	2,300.00					
	Finishing Nails	kg	20.00					
	Wood Preservative, Brown	L	8.00					
	Reconstruct Wooden Wall							
	Removal of T&G Wooden Panel	bd.ft.	2,400.00					
9.27	T&G 3/4" x 4"	bd.ft.	2,400.00					
	S4S Lumber, Kiln Dried Tanguile(V & H Studs)	bd.ft	367.47					
	1" x 1"x8' Quarter Round Wood Molding	pc	147.00					
	Finishing Nails	kg	8.00					
	Wood Preservative, Brown	L	6.00					
	Reconstruct Wooden Ceiling							
	Removal of T&G Wooden Ceiling Panel	bd.ft.	1,800.00					
9.27	T&G 3/4" x 6"	bd.ft.	1,800.00					
	2"x2" Rough Lumber, Sun Dried, Tanguile	bd.ft	541.37					
	Finishing Nails	kg	6.00					
	CW Nails	kg	10.00					
	Wood Preservative, Brown	L	3.00					

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
9.19	Fascia Board, Fiber Cement 10" x 12'	pc	39.00					
9.22	Finishing Nails	kg	2.00					
	Wooden Wall (CR)	sq.m	86.16					
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft	439.50					
9.08	Plywood, Marine 1/2" x 4' x 8'	pc	20.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	7.00					
9.42	Wood Preservative, Brown	L	2.00					
	Blackboards (4 units)	sq.m	23.04					
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft	147.00					
9.43	Lawanit, 1/4" thk	pc	8.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	3.00					
9.24	Concrete Nails	kg	2.00					
	Sub-Total							
10.00	Electrical Works							
	Roughing-ins							
10.02	Electrical Conduit uPVC, 20mmØ	pc	85.00					
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	20.00					
10.17	Utility Box, 2" x 4" G.I.	pc	12.00					
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Wires & Fixtures (re-wiring)							
10.11	3.5 mm2 THW Wire, Stranded (New)	m	400.00					
10.14	5.5 mm2 THW Wire, Stranded	m	40.00					
10.28	Duplex C.O. with Plate	pc	8.00					
10.25	3-Gang Switch with Plate	pc	4.00					
10.23	Single Switch with Plate	pc	4.00					
10.20	FL 2 x 40W Industrial Type	set	16.00					
	Pin Light (100mm surface mounted)	set	8.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.40	Circuit Breaker, 40A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	4.00					
10.58	Electrical Tape	pc	5.00					
	Sub-Total							
11.00	Plumbing Works							
11.62	Water Closet 1.6gpf with Accessories	set	4.00					
11.64	Lavatory, Pedestal Type with Accessories	set	4.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	4.00					
11.65	S.S. Floor Drain 4' x 4"	pc	4.00					
11.68	S.S. Grab Rail 1-1/2"Ø	pc	4.00					
11.44	Gate Valve, 1/2"Ø	pc	4.00					
11.01	uPVC Water Line 1/2"Ø	pc	10.00					
11.21	uPVC Elbow 90o, 1/2" dia.	pc	8.00					
11.15	uPVC Tee 1/2" dia.	pc	6.00					
11.66	Teflon Tape	roll	5.00					
	Sub-total							
12.00	Sanitary Works							
12.09	uPVC Sanitary Pipe 4"Ø	pc	12.00					
12.07	uPVC Sanitary Pipe 2"Ø	pc	12.00					
12.11	uPVC Elbow 90o x 2"Ø	pc	8.00					
12.17	uPVC Tee 2" x 2"	pc	8.00					
12.13	uPVC Elbow 90o x 4"Ø	pc	8.00					
12.30	uPVC P-Trap 2"	pc	4.00					
12.28	Brass Cleanout 4" x 4"	pc	4.00					
12.33	PVC Cement	can	6.00					
	Sub-total							
13.00	Painting Works							
	Wooden Surfaces	sq.m	811.00					
	Enamel, Flat	gal	41.00					
	Enamel, Semi Gloss	gal	41.00					
	Wood Putty (Body Filler)	gal	33.00					
	Paint Thinner	gal	21.00					
	Sub-Total							
14.00	Tile Works							
	Wall (Comfort Room)							
14.04	Glazed Wall Tiles 20cm x 20cm	pc	408.00					
14.16	Tile Adhesive 25 kg/bag	bag	6.00					
14.13	Tile Trim 6mm	pc	10.00					
14.15	Tile Grout 5 kg/bag	bag	4.00					
2.01	Portland Cement	bag	6.00					
14.15	Flooring (Comfort Room)							
	Portland Cement	bag	3.00					
14.01	Unglazed Floor Tiles 20cm x 20cm	pc	144.00					
14.16	Tile Adhesive 25 kg/bag	bag	4.00					
14.15	Tile Grout 5 kg/bag	bag	4.00					
	Sub-total							

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
CHB SEPTIC VAULT 2.30 X 3.45 X 2.15M								
	Earthworks							
1.01	Clearing and Grubbing	sq.m	3.34					
1.02	Structural Excavation	cu.m	24.00					
1.03	Backfilling and Compaction	cu.m	3.60					
1.04	Gravel Bedding G-1	cu.m	0.33					
	Sub-total							
	Concreting Works							
	Septic Vault Slab	cu.m	1.60					
2.01	Portland Cement	bag	15.00					
2.02	Crushed Gravel 3/4"	cu.m	1.00					
2.03	Washed Sand	cu.m	2.00					
	Sub-total							
	Rebar Works							
	Septic Vault Slab							
3.01	Deformed Round Bars, Grade 40	kg	99.79					
3.02	G.I. Tie Wire	kg	2.00					
	Sub-total							
	Formworks							
4.01	Coco Lumber	bd.ft	199.00					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	3.00					
4.04	CWN, Assorted	kg	3.00					
	Sub-total							
	Masonry Works							
	Septic Vault CHB Wall	sq.m	28.00					
5.04	CHB 4" thk	pc	350.00					
5.02	Portland Cement	bag	10.00					
5.03	Washed Sand	cu.m	2.00					
3.01	Deformed Round Bars, Grade 40	kg	38.00					
3.02	G.I. Tie Wire	kg	5.00					
	Plastering	sq.m	56.00					
5.02	Portland Cement	bag	19.00					
5.03	Washed Sand	cu.m	2.00					
	Sub-total							
	Sanitary Works							
12.09	uPVC Sanitary Pipe 4"Ø	pc	4.00					
12.13	uPVC Elbow 90o x 4"Ø	pc	2.00					
12.21	uPVC Tee 4" x 4"	pc	6.00					
	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:

Contractor