

**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	
	<b>General Requirements</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization/Standard Billboard/Signage	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
	<b>MODIFIED GABALDON - FOUR (4) CLASSROOMS</b>							
6.00	<b>Doors and Windows</b>							
	<b>Replacement of Doors and Jambs</b>							
	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					
	<b>Door Lockset &amp; Hardware</b>							
	Stainless Steel Door Pull w/ Padlock	set	4.00					
	<b>New Timber Lattice Frames w/ Capiz Shell in Lays,Polyurethane Finish</b>							
	W-1 (0.95m x 1.80m) New Capiz Window	set	24.00					
	<b>Sub-Total</b>							
8.00	<b>Roofing Works</b>							
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					
	<b>Sub-Total</b>							
9.00	<b>Carpentry and Woodworks</b>							
	<b>Structural</b>							
	<b>Replace Damaged &amp; Deteriorated Floor Joist</b>							
	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					
	<b>Rehabilitate Wooden Trusses</b>							
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					
	<b>Architectural</b>							
	<b>Reconstruct Wooden Flooring</b>							
	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					
	<b>Reconstruct Wooden Wall</b>							
	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					
	<b>Reconstruct Wooden Ceiling</b>							
	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					
	<b>Wooden Wall (CR)</b>	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					
	<b>Blackboards (4 units)</b>	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					
	<b>Sub-Total</b>							
10.00	<b>Electrical Works</b>							
	<b>Roughing-ins</b>							
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					
	<b>Wires &amp; Fixtures (re-wiring)</b>							
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					
	<b>Sub-Total</b>							
11.00	<b>Plumbing Works</b>							
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					
	<b>Sub-total</b>							
12.00	<b>Sanitary Works</b>							
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					
	<b>Sub-total</b>							
13.00	<b>Painting Works</b>							
	<b>Wooden Surfaces</b>	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					
	<b>Sub-Total</b>							
14.00	<b>Tile Works</b>							
	<b>Wall ( Comfort Room)</b>							
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	<b>Flooring ( Comfort Room)</b>							
	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					
	<b>Sub-total</b>							

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