

**PROGRAM OF WORKS  
DETAILED COST ESTIMATE**

PROJECT : PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDING - 2CL BOD BLDG (7mx16m), 2CL ICT Room  
 SCHOOL : ILAGAN WEST NATIONAL HIGH SCHOOL  
 LOCATION : CITY OF ILAGAN, ISABELA  
 OWNER : DEPARTMENT OF EDUCATION

ITEM 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	lot	1.00					
	Project Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	<b>Sub-total</b>							
<b>2CL BOD BLDG (7MX16M)</b>								
2.000	<b>Concreting Works</b>							
	Slab on Grade	cu.m	8.15					
2.020	Portland Cement	bag	74.00					
2.040	Crushed Gravel 1"	cu.m	8.25					
2.050	Washed Sand	cu.m	4.25					
	<b>Sub-total</b>							
3.000	<b>Rebar Works</b>							
2.020	Slab on Grade	kg	214.37					
	<b>Sub-total</b>							
7.0000	<b>Steel works</b>							
	<i>Trusses and Members</i>							
7.0900	L 63 x 63 x 6mm	kg	2,385.00					
7.0200	2" x 6" x 1.5mm C - purlins	kg	1,650.00					
7.1010	L 50 x 50 x 2mm	kg	9.00					
7.1810	Machine Bolts ( 10 mm dia. )	pc	104.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	192.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	19.00					
7.2000	Turn Buckle 16 mmØ	pc	16.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	16.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	12.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00					
7.1400	Steel Plate 1.20m x 2.40m x 16mm thk	pc	0.25					
7.3600	Welding Rod	kg	89.00					
13.1100	Primer, Zinc Chromate	gal	5.00					
	<b>Sub-total</b>							
8.0000	<b>Roofing Works</b>							
8.0100	Removal of Roofing Sheets	sq m	168.00					
8.0200	Removal of Ridge Roll	pc	7.00					
8.0300	Removal of Flashing	pc	9.00					
8.0500	Removal of Fascia Board	pc	22.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	190.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	22.00					
7.1040	L 20 x 20 x 2mm	kg	98.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	372.00					
8.0900	J-Bolt (6mm dia.)	pc	1,060.00					
	Teckscrew 2-¾"	pc	2,068.00					
8.1300	Roof Sealant	L	4.00					
	<b>Sub-total</b>							
9.0000	<b>Carpentry works</b>							
	Interior Ceiling	sq.m	112.00					
9.0100	Removal of Ceiling	sq.m	112.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	39.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	227.48					
	50 mm x 75 mm Ceiling Joist	bd.ft	344.51					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	571.99					
9.2100	Finishing Nails	kg	3.00					
4.0400	CWN, Assorted	kg	11.00					
9.2200	Concrete Nails	kg	3.00					
9.1900	Wood Preservative, Brown	L	4.00					
	Exterior Ceiling	sq m	46.08					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
9.0100	Removal of Ceiling	sq.m	46.08					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	16.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	148.74					
	50 mm x 75 mm Ceiling Joist	bd.ft	135.57					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	284.31					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	6.00					
9.2200	Concrete Nails	kg	1.00					
9.1900	Wood Preservative, Brown	L	2.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00					
	<i>Blackboards</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00					
9.2000	Lawanit, 1/4" thk	pc	4.00					
	White Board with sliding frame	set	1.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	2.00					
9.2200	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
6.0000	<b>Doors and Windows</b>							
6.0430	¼mm thk Clear Glass	sq.ft	38.72					
6.0430	Silicon Sealant	tub	4.00					
6.1400	Lubricant for steel hinges	can	2.00					
	<b>Sub-total</b>							
10.0000	<b>Electrical Works</b>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	40.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	30.00					
10.1600	3.5 mm² THHN Wire, Stranded	m	540.75					
10.2700	Waterproof Square Brass Double Universal Socket for floor	set	16.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00					
10.3200	3 Single Pole Wall Switches in One	set	2.00					
10.3610	FL 1 x 40W Industrial Type	set	16.00					
10.3310	Safety Switch 30A 2P	set	1.00					
10.3800	Panel Box, Flush Type, 8 Branches	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4400	Circuit Breaker, 50A 2P	set	1.00					
10.5400	Aircon, Window Type, 2.0 HP, Dual Inverter Compressor with complete accessories and electrical connections	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz	set	8.00					
10.4500	Circuit Breaker, 70A 2P	set	1.00					
10.5500	Electrical Tape	pc	2.00					
	<b>Sub-total</b>							
13.0000	<b>Painting Works</b>							
	Concrete surfaces	sq.m	230.00					
13.0100	Neutralizer	gal	12.00					
13.0200	Latex, Flat	gal	23.00					
13.0300	Masonry Putty	gal	9.00					
13.0400	Latex, Semi Gloss	gal	8.00					
13.0500	Acri Color	qrt	5.00					
	<i>Interior and exterior Ceiling</i>	sq.m	150.00					
13.0600	Enamel, Flatwall	gal	8.00					
13.0800	Enamel, Semi Gloss	gal	15.00					
13.0700	Glazing Putty	gal	8.00					
13.0900	Paint Thinner	L	8.00					
	<i>Doors and Windows Jambs</i>	sq.m	8.00					
13.0600	Enamel, Flatwall	gal	1.00					
13.0700	Glazing Putty	gal	1.00					
13.0800	Enamel, Semi Gloss	gal	1.00					
13.0900	Paint Thinner	L	1.00					
	<b>Sub-total</b>							
<b>1 UNIT - ONE SEATER TOILET ATTACHED</b>								
1.00	<b>Earthworks</b>							
1.01	Clearing and Grubbing	sq.m	8.30					
1.02	Structural Excavation	cu.m	1.82					
1.03	Backfilling and Compaction	cu.m	1.27					
1.04	Gravel Bedding G-1	cu.m	2.28					
1.05	Select Fill	sq.m	0.83					
1.06	Soil Poisoning	cu.m	9.13					
	<b>Sub-total</b>							
2.00	<b>Concreting Works</b>							
	Wall Footing	cu.m	0.55					
2.02	Portland Cement	cu.m	5.00					
2.04	Crushed Gravel 1"	cu.m	0.75					
2.05	Washed Sand	cu.m	0.50					
	Column	cu.m	0.60					
2.02	Portland Cement	cu.m	6.00					
2.04	Crushed Gravel 1"	cu.m	0.75					
2.05	Washed Sand	cu.m	0.50					
	Beams	cu.m	0.23					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
2.02	Portland Cement	cu.m	3.00					
2.04	Crushed Gravel 1"	cu.m	0.25					
2.05	Washed Sand	cu.m	0.25					
	Slab on Grade	cu.m	0.83					
2.02	Portland Cement	cu.m	8.00					
2.04	Crushed Gravel 1"	cu.m	1.00					
2.05	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
3.00	<b>Rebar Works</b>							
	Wall Footing	kg	15.40					
	Column	kg	109.14					
	Beam	kg	46.42					
	Slab on Grade	kg	31.85					
3.05	Deformed Round Bars, Grade 40	kg	202.81					
3.12	G.I. Tie Wire	kg	5.00					
	<b>Sub-total</b>							
4.00	<b>Formworks</b>							
	Column	sq.m	11.96					
4.01	Coco Lumber	bd.ft	61.20					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.04	CWN, Assorted	kg	1.00					
	Beams	sq.m	4.18					
4.01	Coco Lumber	bd.ft	21.60					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
5.00	<b>Masonry Works</b>							
	Masonry Wall	sq.m	15.04					
5.03	CHB 4" thk	cu.m	188.00					
2.02	Portland Cement	cu.m	5.00					
2.05	Washed Sand	cu.m	1.00					
3.05	Deformed Round Bars, Grade 40	kg	20.00					
3.12	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	30.08					
2.02	Portland Cement	cu.m	10.00					
2.05	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
6.00	<b>Doors and Windows</b>							
6.04	D-1, Flush Door 0.90m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.40	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories	set	1.00					
	<b>Sub-total</b>							
7.00	<b>Steel Works</b>							
7.01	LC 75 x 38 x 15 x 2.0mm	kg	46.44					
7.09	L 50 x 50 x 6mm	kg	80.46					
7.10	L 25 x 25 x 3mm	kg	12.26					
7.36	Welding Rod	pc	3.00					
13.11	Primer, Zinc Chromate	gal	1.00					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.06	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	pc	5.00					
8.08	G.I. Flashing, Preformed, Pre-Painted,	pc	2.00					
8.10	Teckscrew 2-1/2"	pc	40.00					
8.13	Roof Sealant	lit	1.00					
	<b>Sub-total</b>							
9.00	<b>Carpentry Works</b>							
	Ceiling	sq.m	3.40					
9.10	50 mm x 50 mm Ceiling Joist	bd.ft	66.67					
9.05	Plywood, Marine 1/4" x 4' x 8'	pc	2.00					
8.11	Blind Rivets	pc	1.00					
4.04	CWN, Assorted	kg	2.00					
9.14	Fascia Board, Fiber Cement 12" x 8'	pc	3.00					
9.14	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	set	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	3.00					
10.12	Junction Box, 4" x 4" G.I.	m	1.00					
10.13	Utility Box, 2" x 4" G.I.	m	1.00					
10.16	3.5 mm² THHN Wire, Stranded	pc	27.00					
10.29	Single Pole Wall Switch in One Switch	pc	1.00					
10.33	Ceiling Receptacle 3-1/2"Ø	pc	1.00					
10.53	Incandescent Bulb 50W	set	1.00					
10.33	Safety Switch 30A 2P	set	1.00					
10.55	Electrical Tape	set	1.00					
	<b>Sub-total</b>							
11.00	<b>Plumbing Works</b>							
11.02	Water Closet 1.6gpf with Accessories	pc	1.00					
11.01	Water Closet Flange	pc	1.00					
11.04	Concrete Counter Sink Type, with Lever	pc	1.00					
11.05	Faucet, Hose Bibb, Brass 1/2"Ø	pc	1.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
11.04	Faucet, Lavatory	pc	1.00					
11.44	S.S. Floor Drain 4" x 4"	pc	1.00					
11.44	S.S. Grab Rail 1-1/2"Ø	pc	1.00					
11.38	Gate Valve, 3/4"Ø	pc	1.00					
11.11	PP-R Pipe 1/2"Ø x 4.0m	pc	1.00					
11.22	PP-R Elbow 90° x 1/2"Ø	pc	3.00					
11.27	PP-R Tee, 1/2"Ø	pc	3.00					
11.24	PP-R Coupling Reducer, 1/2" x 3/4"Ø	pc	1.00					
11.77	PP-R Adaptor Female Thread 1/2"Ø	pc	8.00					
11.42	Teflon Tape	pc	2.00					
	<b>Sub-total</b>							
12.00	<b>Sanitary Works</b>							
12.05	PVC Sanitary Pipe 4"Ø x 3.0m	pc	1.00					
12.07	PVC Sanitary Pipe 2"Ø x 3.0m	pc	3.00					
12.11	PVC Sanitary Elbow 90° x 2"Ø	pc	3.00					
12.22	PVC Sanitary Tee 2" x 2"	pc	2.00					
12.09	PVC Sanitary Elbow 90° x 4"Ø	pc	1.00					
12.27	PVC P-Trap 2"	pc	1.00					
12.14	PVC Sanitary Elbow 1/8 x 3"Ø	pc	1.00					
12.30	PVC Cement	pc	1.00					
	<b>Sub-total</b>							
13.00	<b>Painting Works</b>							
	Concrete surfaces	sq.m	19.28					
13.01	Neutralizer	gal	0.50					
13.02	Latex, Flat	gal	0.50					
13.04	Latex, Semi Gloss	gal	0.50					
13.05	Acri Color	gal	1.00					
	Wood surfaces	sq.m	5.29					
13.06	Enamel, Flatwall	gal	0.50					
13.08	Enamel, Semi Gloss	gal	0.50					
13.09	Paint Thinner	gal	0.50					
	<b>Sub-total</b>							
14.00	<b>Tile Works</b>							
	Wall	sq.m	10.80					
14.01	Glazed Wall Tiles 20cm x 20cm	pc	279.00					
14.03	Tile Adhesive 25 kg/bag	pc	2.00					
14.04	Tile Trim 6mm	pc	4.00					
14.05	Tile Grout 5 kg/bag	pc	1.00					
14.15	Flooring	sq.m	129.08					
14.02	Unglazed Floor Tiles 60cm x 60cm	pc	363.00					
14.03	Tile Adhesive 25 kg/bag	pc	24.00					
14.05	Tile Grout 5 kg/bag	pc	10.00					
	<b>Sub-total</b>							
<b>1 UNIT - ONE SEATER TOILET ATTACHED</b>								
1.00	<b>Earthworks</b>							
1.01	Clearing and Grubbing	sq.m	8.30					
1.02	Structural Excavation	cu.m	1.82					
1.03	Backfilling and Compaction	cu.m	1.27					
1.04	Gravel Bedding G-1	cu.m	2.28					
1.05	Select Fill	sq.m	0.83					
1.06	Soil Poisoning	cu.m	9.13					
	<b>Sub-total</b>							
2.00	<b>Concreting Works</b>							
	Wall Footing	cu.m	0.55					
2.02	Portland Cement	cu.m	5.00					
2.04	Crushed Gravel 1"	cu.m	0.75					
2.05	Washed Sand	cu.m	0.50					
	Column	cu.m	0.60					
2.02	Portland Cement	cu.m	6.00					
2.04	Crushed Gravel 1"	cu.m	0.75					
2.05	Washed Sand	cu.m	0.50					
	Beams	cu.m	0.23					
2.02	Portland Cement	cu.m	3.00					
2.04	Crushed Gravel 1"	cu.m	0.25					
2.05	Washed Sand	cu.m	0.25					
	Slab on Grade	cu.m	0.83					
2.02	Portland Cement	cu.m	8.00					
2.04	Crushed Gravel 1"	cu.m	1.00					
2.05	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
3.00	<b>Rebar Works</b>							
	Wall Footing	kg	15.40					
	Column	kg	109.14					
	Beam	kg	46.42					
	Slab on Grade	kg	31.85					
3.05	Deformed Round Bars, Grade 40	kg	202.81					
3.12	G.I. Tie Wire	kg	5.00					
	<b>Sub-total</b>							
4.00	<b>Formworks</b>							
	Column	sq.m	11.96					
4.01	Coco Lumber	bd.ft	61.20					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.04	CWN, Assorted	kg	1.00					
	Beams	sq.m	4.18					
4.01	Coco Lumber	bd.ft	21.60					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
5.00	<b>Masonry Works</b>							

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Masonry Wall	sq.m	15.04					
5.03	CHB 4" thk	cu.m	188.00					
2.02	Portland Cement	cu.m	5.00					
2.05	Washed Sand	cu.m	1.00					
3.05	Deformed Round Bars, Grade 40	kg	20.00					
3.12	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	30.08					
2.02	Portland Cement	cu.m	10.00					
2.05	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
6.00	<b>Doors and Windows</b>							
6.04	D-1, Flush Door 0.90m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.40	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories	set	1.00					
	<b>Sub-total</b>							
7.00	<b>Steel Works</b>							
7.01	LC 75 x 38 x 15 x 2.0mm	kg	46.44					
7.09	L 50 x 50 x 6mm	kg	80.46					
7.10	L 25 x 25 x 3mm	kg	12.26					
7.36	Welding Rod	pc	3.00					
13.11	Primer, Zinc Chromate	gal	1.00					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.06	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	pc	5.00					
8.08	G.I. Flashing, Preformed, Pre-Painted,	pc	2.00					
8.10	Teckscrew 2-1/2"	pc	40.00					
8.13	Roof Sealant	lit	1.00					
	<b>Sub-total</b>							
9.00	<b>Carpentry Works</b>							
	Ceiling	sq.m	3.40					
9.10	50 mm x 50 mm Ceiling Joist	bd.ft	66.67					
9.05	Plywood, Marine 1/4" x 4' x 8'	pc	2.00					
8.11	Blind Rivets	pc	1.00					
4.04	CWN, Assorted	kg	2.00					
9.14	Fascia Board, Fiber Cement 12" x 8'	pc	3.00					
9.14	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	set	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	3.00					
10.12	Junction Box, 4" x 4" G.I.	m	1.00					
10.13	Utility Box, 2" x 4" G.I.	m	1.00					
10.16	3.5 mm² THHN Wire, Stranded	pc	27.00					
10.29	Single Pole Wall Switch in One Switch	pc	1.00					
10.33	Ceiling Receptacle 3-1/2"Ø	pc	1.00					
10.53	Incandescent Bulb 50W	set	1.00					
10.33	Safety Switch 30A 2P	set	1.00					
10.55	Electrical Tape	set	1.00					
	<b>Sub-total</b>							
11.00	<b>Plumbing Works</b>							
11.02	Water Closet 1.6gpf with Accessories	pc	1.00					
11.01	Water Closet Flange	pc	1.00					
11.04	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	pc	1.00					
11.05	Faucet, Hose Bibb, Brass 1/2"Ø	pc	1.00					
11.04	Faucet, Lavatory	pc	1.00					
11.44	S.S. Floor Drain 4" x 4"	pc	1.00					
11.44	S.S. Grab Rail 1-1/2"Ø	pc	1.00					
11.38	Gate Valve, 3/4"Ø	pc	1.00					
11.11	PP-R Pipe 1/2"Ø x 4.0m	pc	1.00					
11.22	PP-R Elbow 90° x 1/2"Ø	pc	3.00					
11.27	PP-R Tee, 1/2"Ø	pc	3.00					
11.24	PP-R Coupling Reducer, 1/2" x 3/4"Ø	pc	1.00					
11.77	PP-R Adaptor Female Thread 1/2"Ø	pc	8.00					
11.42	Teflon Tape	pc	2.00					
	<b>Sub-total</b>							
12.00	<b>Sanitary Works</b>							
12.05	PVC Sanitary Pipe 4"Ø x 3.0m	pc	1.00					
12.07	PVC Sanitary Pipe 2"Ø x 3.0m	pc	3.00					
12.11	PVC Sanitary Elbow 90° x 2"Ø	pc	3.00					
12.22	PVC Sanitary Tee 2" x 2"	pc	2.00					
12.09	PVC Sanitary Elbow 90° x 4"Ø	pc	1.00					
12.27	PVC P-Trap 2"	pc	1.00					
12.14	PVC Sanitary Elbow 1/8 x 3"Ø	pc	1.00					
12.30	PVC Cement	pc	1.00					
	<b>Sub-total</b>							
13.00	<b>Painting Works</b>							
	Concrete surfaces	sq.m	19.28					
13.01	Neutralizer	gal	0.50					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
13.02	Latex, Flat	gal	0.50					
13.04	Latex, Semi Gloss	gal	0.50					
13.05	Acri Color	gal	1.00					
	Wood surfaces	sq.m	5.29					
13.06	Enamel, Flatwall	gal	0.50					
13.08	Enamel, Semi Gloss	gal	0.50					
13.09	Paint Thinner	gal	0.50					
	<b>Sub-total</b>							
14.00	<b>Tile Works</b>							
	Wall	sq.m	10.80					
14.01	Glazed Wall Tiles 20cm x 20cm	pc	279.00					
14.03	Tile Adhesive 25 kg/bag	pc	2.00					
14.04	Tile Trim 6mm	pc	4.00					
14.05	Tile Grout 5 kg/bag	pc	1.00					
14.15	Flooring	sq.m	1.82					
14.02	Unglazed Floor Tiles 60cm x 60cm	pc	6.00					
14.03	Tile Adhesive 25 kg/bag	pc	1.00					
14.05	Tile Grout 5 kg/bag	pc	1.00					
	<b>Sub-total</b>							
<b>SEPTIC VAULT (1.50 m x 2.00 m)</b>								
1.00	<b>Earthworks</b>							
1.01	Clearing and Grubbing	sq.m	3.00					
1.02	Structural Excavation	cu.m	5.40					
1.03	Backfilling and Compaction	cu.m	0.81					
1.04	Gravel Bedding G-1	cu.m	0.30					
	<b>Sub-total</b>							
2.00	<b>Concreting Works</b>							
	Septic Vault Slab	cu.m	0.48					
2.02	Portland Cement	cu.m	5.00					
2.03	Crushed Gravel 3/4"	cu.m	0.25					
2.05	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
3.00	<b>Rebar Works</b>							
	Septic Vault Slab							
3.05	Deformed Round Bars, Grade 40	kg	88.70					
3.12	G.I. Tie Wire	kg	1.77					
	<b>Sub-total</b>							
4.00	<b>Formworks</b>							
4.01	Coco Lumber	bd.ft	30.60					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	6.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
5.00	<b>Masonry Works</b>							
	Septic Vault CHB Wall	sq.m	8.50					
5.03	CHB 4" thk	cu.m	107.00					
2.02	Portland Cement	cu.m	3.00					
2.05	Washed Sand	cu.m	1.00					
3.05	Deformed Round Bars, Grade 40	kg	12.00					
3.12	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	10.00					
2.02	Portland Cement	cu.m	4.00					
2.05	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
<b>2CL ICT BLDG (7MX16M)</b>								
<b>2 UNITS - ONE SEATER TOILET ATTACHED</b>								
1.00	<b>Earthworks</b>							
1.01	Clearing and Grubbing	sq.m	16.60					
1.02	Structural Excavation	cu.m	3.65					
1.03	Backfilling and Compaction	cu.m	2.55					
1.04	Gravel Bedding G-1	cu.m	4.08					
1.05	Select Fill	sq.m	1.66					
1.06	Soil Poisoning	cu.m	18.26					
	<b>Sub-total</b>							
2.00	<b>Concreting Works</b>							
	Wall Footing	cu.m	1.10					
2.02	Portland Cement	cu.m	10.00					
2.04	Crushed Gravel 1"	cu.m	1.25					
2.05	Washed Sand	cu.m	0.75					
	Column	cu.m	1.20					
2.02	Portland Cement	cu.m	11.00					
2.04	Crushed Gravel 1"	cu.m	1.25					
2.05	Washed Sand	cu.m	0.75					
	Beams	cu.m	0.46					
2.02	Portland Cement	cu.m	5.00					
2.04	Crushed Gravel 1"	cu.m	0.50					
2.05	Washed Sand	cu.m	0.25					
	Slab on Grade	cu.m	1.66					
2.02	Portland Cement	cu.m	15.00					
2.04	Crushed Gravel 1"	cu.m	1.75					
2.05	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
3.00	<b>Rebar Works</b>							
	Wall Footing	kg	30.80					
	Column	kg	218.28					
	Beam	kg	92.84					
	Slab on Grade	kg	63.70					
3.05	Deformed Round Bars, Grade 40	kg	405.62					
3.12	G.I. Tie Wire	kg	9.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Sub-total</b>							
4.00	<b>Formworks</b>							
	Column	sq.m	23.92					
4.01	Coco Lumber	bd.ft	122.10					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	3.00					
4.04	CWN, Assorted	kg	2.00					
	Beams	sq.m	8.36					
4.01	Coco Lumber	bd.ft	42.90					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
5.00	<b>Masonry Works</b>							
	Masonry Wall	sq.m	30.08					
5.03	CHB 4" thk	cu.m	376.00					
2.02	Portland Cement	cu.m	10.00					
2.05	Washed Sand	cu.m	2.00					
3.05	Deformed Round Bars, Grade 40	kg	40.00					
3.12	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	60.16					
2.02	Portland Cement	cu.m	19.00					
2.05	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
6.00	<b>Doors and Windows</b>							
6.04	D-1, Flush Door 0.90m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.40	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories	set	2.00					
	<b>Sub-total</b>							
7.00	<b>Steel Works</b>							
7.01	LC 75 x 38 x 15 x 2.0mm	kg	92.88					
7.09	L 50 x 50 x 6mm	kg	160.92					
7.10	L 25 x 25 x 3mm	kg	24.53					
7.36	Welding Rod	pc	6.00					
13.11	Primer, Zinc Chromate	gal	1.00					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.06	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	pc	10.00					
8.08	G.I. Flashing, Preformed, Pre-Painted,	pc	4.00					
8.10	Teckscrew 2-1/2"	pc	80.00					
8.13	Roof Sealant	lit	2.00					
	<b>Sub-total</b>							
9.00	<b>Carpentry Works</b>							
	Ceiling	sq.m	6.80					
9.10	50 mm x 50 mm Ceiling Joist	bd.ft	30.00					
9.05	Plywood, Marine 1/4" x 4' x 8'	pc	3.00					
8.11	Blind Rivets	pc	1.00					
4.04	CWN, Assorted	kg	1.00					
9.14	Fascia Board, Fiber Cement 12" x 8'	pc	3.00					
9.14	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	set	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	6.00					
10.12	Junction Box, 4" x 4" G.I.	m	2.00					
10.13	Utility Box, 2" x 4" G.I.	m	2.00					
10.16	3.5 mm² THHN Wire, Stranded	pc	54.00					
10.29	Single Pole Wall Switch in One Switch	pc	2.00					
10.33	Ceiling Receptacle 3-1/2"Ø	pc	2.00					
10.53	Incandescent Bulb 50W	set	2.00					
10.33	Safety Switch 30A 2P	set	2.00					
10.55	Electrical Tape	set	2.00					
	<b>Sub-total</b>							
11.00	<b>Plumbing Works</b>							
11.02	Water Closet 1.6gpf with Accessories	pc	2.00					
11.01	Water Closet Flange	pc	2.00					
11.04	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	pc	2.00					
11.05	Faucet, Hose Bibb, Brass 1/2"Ø	pc	2.00					
11.04	Faucet, Lavatory	pc	2.00					
11.44	S.S. Floor Drain 4" x 4"	pc	2.00					
11.44	S.S. Grab Rail 1-1/2"Ø	pc	2.00					
11.38	Gate Valve, 3/4"Ø	pc	2.00					
11.11	PP-R Pipe 1/2"Ø x 4.0m	pc	2.00					
11.22	PP-R Elbow 90° x 1/2"Ø	pc	6.00					
11.27	PP-R Tee, 1/2"Ø	pc	6.00					
11.24	PP-R Coupling Reducer, 1/2" x 3/4"Ø	pc	2.00					
11.77	PP-R Adaptor Female Thread 1/2"Ø	pc	16.00					
11.42	Teflon Tape	pc	4.00					
	<b>Sub-total</b>							
12.00	<b>Sanitary Works</b>							

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
12.05	PVC Sanitary Pipe 4"Ø x 3.0m	pc	2.00					
12.07	PVC Sanitary Pipe 2"Ø x 3.0m	pc	6.00					
12.11	PVC Sanitary Elbow 90° x 2"Ø	pc	6.00					
12.22	PVC Sanitary Tee 2" x 2"	pc	4.00					
12.09	PVC Sanitary Elbow 90° x 4"Ø	pc	2.00					
12.27	PVC P-Trap 2"	pc	2.00					
12.14	PVC Sanitary Elbow 1/8 x 3"Ø	pc	2.00					
12.30	PVC Cement	pc	2.00					
	<b>Sub-total</b>							
13.00	<b>Painting Works</b>							
	Concrete surfaces	sq.m	38.56					
13.01	Neutralizer	gal	0.50					
13.02	Latex, Flat	gal	1.00					
13.04	Latex, Semi Gloss	gal	1.00					
13.05	Acri Color	gal	1.00					
	Wood surfaces	sq.m	10.58					
13.06	Enamel, Flatwall	gal	0.50					
13.08	Enamel, Semi Gloss	gal	0.50					
13.09	Paint Thinner	gal	0.50					
	<b>Sub-total</b>							
14.00	<b>Tile Works</b>							
	Wall	sq.m	21.60					
14.01	Glazed Wall Tiles 20cm x 20cm	pc	557.00					
14.03	Tile Adhesive 25 kg/bag	pc	4.00					
14.04	Tile Trim 6mm	pc	4.00					
14.05	Tile Grout 5 kg/bag	pc	2.00					
14.15	Flooring	sq.m	3.64					
14.02	Unglazed Floor Tiles 60cm x 60cm	pc	11.00					
14.03	Tile Adhesive 25 kg/bag	pc	1.00					
14.05	Tile Grout 5 kg/bag	pc	1.00					
	<b>Sub-total</b>							
<b>SEPTIC VAULT (1.50 m x 2.00 m)</b>								
1.00	<b>Earthworks</b>							
1.01	Clearing and Grubbing	sq.m	3.00					
1.02	Structural Excavation	cu.m	5.40					
1.03	Backfilling and Compaction	cu.m	0.81					
1.04	Gravel Bedding G-1	cu.m	0.30					
	<b>Sub-total</b>							
2.00	<b>Concreting Works</b>							
	Septic Vault Slab	cu.m	0.48					
2.02	Portland Cement	cu.m	5.00					
2.03	Crushed Gravel 3/4"	cu.m	0.25					
2.05	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
3.00	<b>Rebar Works</b>							
	Septic Vault Slab							
3.05	Deformed Round Bars, Grade 40	kg	88.70					
3.12	G.I. Tie Wire	kg	1.77					
	<b>Sub-total</b>							
4.00	<b>Formworks</b>							
4.01	Coco Lumber	bd.ft	30.60					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	6.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
5.00	<b>Masonry Works</b>							
	Septic Vault CHB Wall	sq.m	8.50					
5.03	CHB 4" thk	cu.m	107.00					
2.02	Portland Cement	cu.m	3.00					
2.05	Washed Sand	cu.m	1.00					
3.05	Deformed Round Bars, Grade 40	kg	12.00					
3.12	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	10.00					
2.02	Portland Cement	cu.m	4.00					
2.05	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
	<b>DIRECT COST</b>							
	<b>INDIRECT COST</b>							
	<b>TAX 5% of (I + II)</b>							
	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							

Prepared by:

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