

LETTERHEAD

**PROGRAM OF WORKS
BILL OF QUANTITIES**

School : A. MABINI ELEMENTARY SCHOOL		Date:				
School I.D : 136403		Budget Allocation: PHP 4,613,665.00				
Region : CAR		Eng'g and Administrative Overhead: PHP 0.00				
Division : BAGUIO CITY		Approved Budget for the Contract: PHP 4,613,665.00				
Project Title :		Completion Period: 150 CD				
PROPOSED REPAIR OF COMFORT ROOMS (16 SEATS),REPAIR OF 2STY 2CL AND 1STY 1CL		Minimum Required Manpower:				
		General Foreman	Mason			
		Carpenter	Helpers			
		Painter				
		Minimum Required Equipment:				
Location	Bagong Bayan Street, Baguio City	Various Power Tools				
		Various Hand Tools				
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
I. DIRECT COST						
	GENERAL REQUIREMENTS		lot	1.00		
	Repair of 2STY 2CL					
4.000	Formworks		lot	1.00		
5.000	Masonry Works		sqm	74.20		
6.000	Doors and Windows		lot	1.00		
7.000	Steel Works		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Ceiling and Carpentry Works		bdft	2,498.80		
10.000	Electrical Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		sqm	1,101.90		
14.000	Tile Works		sqm	61.75		
	REPAIR OF 1STY 1 CL					
5.000	Masonry Works		sqm	8.04		
6.000	Doors and Windows		lot	1.00		
8	Roofing Works		lot	1.00		
9	Ceiling and Carpentry Works		bdft	1,594.40		
10	Electrical Works		lot	1.00		
12	Sanitary Works		lot	1.00		
13	Painting Works		sqm	282.54		
14.000	Tile Works		sqm	73.32		
	Repair of Comfort Room No. 1 (5 seaters)					
5.000	Masonry Works		sq.m	22.20		
6.000	Doors and Windows		lot	1.00		
8.000	Roofing Works		sq.m	37.40		
9.000	Ceiling and Carpentry Works		sq.m	35.92		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		sq.m	168.78		
14.000	Tile Works		sq.m	87.75		
	Repair of Comfort Room No. 2 (5 seaters)					
6.000	Doors and Windows		lot	1.00		
8.000	Roofing Works		sq.m	30.00		
9.000	Ceiling and Carpentry Works		sq.m	34.68		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		sq.m	164.68		
14.000	Tile Works		sq.m	87.75		
	Repair of Comfort Room No. 3 (2 seaters)					
6.000	Doors and Windows		lot	1.00		
8.000	Roofing Works		sq.m	15.00		
9.000	Ceiling and Carpentry Works		sq.m	10.22		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		sq.m	61.52		
	Comfort Room No. 4 (4 seaters)					
5.000	Masonry Works		sq.m	13.75		
6.000	Doors and Windows		lot	1.00		
8.000	Roofing Works		sq.m	26.23		
9.000	Ceiling and Carpentry Works		sq.m	26.23		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		

12.000	Sanitary Works	lot	1.00		
13.000	Painting Works	sq.m.	98.23		
14.000	Tile Works	sq.m.	46.75		
	Electrification				
	Improvement of Covered Court Lightings	lot	1.00		
	Provision of Perimeter Lightings	lot	1.00		
	Panel Board	lot	1.00		
	Sub-Total				
	II. INDIRECT COST % of (I-Gen. Reqmts.)				
	Overhead Expenses (8%)				
	Contingencies (3%)				
	Miscellaneous (1%)				
	Contractor's Profit (%)				
	Sub-Total				
	III. TAX 5% of (I+II)				
	Sub-Total				
	IV. TOTAL CONSTRUCTION COST (I + II + III)		100.00%		

Prepared By:

Contractor

**PROGRAM OF WORKS
DETAILED COST ESTIMATE**

PROJECT: **PROPOSED REPAIR OF COMFORT ROOMS (16 SEATS),REPAIR OF 2STY 2CL AND 1STY 1CL**
 SCHOOL: : A. MABINI ELEMENTARY SCHOOL
 LOCATION: Bagong Bayan Street, Baguio City
 OWNER: DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
A	GENERAL REQUIREMENTS	lot	1.00					
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard (with frame)	lot	1.00					
	Sub-total							
	Repair of 2STY 2CL							
4.000	Formworks	lot	1.00					
	Scaffolding							
	Scaffolding Rentals	set	30.00					
	Sub-total							
5.000	Masonry Works							
	Repair of Wall Cracks	sqm	74.20					
	Chipping of Concrete	lot	1.00					
	Plastering							
2.020	Portland Cement	bag	25.00					
2.050	Washed Sand	cu.m	3.00					
	Repair of Doors and Window Opening	sqm	1.56					
	Plastering							
2.020	Portland Cement	bag	1.00					
2.050	Washed Sand	cu.m	1.00					
	Sub-total							
6.000	Doors and Windows							
6.010	Removal of Door with Jamb	set	2.00					
6.020	Removal of Window with Jamb	sq.m	18.12					
6.031	D-1, (1.00m x 2.10m) Steel Door Type Hinged Door and Fixed Glass Transom on 50mm x 50mm x 6mm Steel Jamb/ Frame and Barrel bolt-type Knob	set	2.00					
6.120	Aluminum Casement Window	sq.m	18.12					
	Sub-total							
7.000	Steel Works	lot	1.00					
	Security Grilles							
7.250	Square Bar 12mm□	pc	39.00					
7.105	Flat Bar 1" x ¼"	kg	42.66					
7.360	Welding Rod	kg	2.00					
	Railings							
	2"x4" (1.2mm) Tubular	pc	12.00					
7.240	Square Bar 19mm□	pc	45.00					
7.360	Welding Rod	kg	8.00					
	Sub-total							
8.000	Roofing Works	sq.m.	386.50					
8.010	Removal of Roofing Sheets	sq m	90.11					
8.020	Removal of Ridge Roll	pc	5.00					
8.030	Removal of Flashing	pc	12.00					
8.040	Removal of Gutter	pc	10.00					
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	138.60					

8.070	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	5.00				
8.081	Flashing, Pre-Painted, Ordinary, 0.915m x 2.440m x 0.4mm thk	pc	12.00				
	G.I. Gutter, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	10.00				
8.100	Teckscrew 2-1/2"	pc	1,386.00				
8.110	Blind Rivets	pc	216.00				
	Aluminum Insulator-6mm Double Sided	mtr	66.56				
8.130	Roof Sealant	L	10.00				
	Sub-total						
9.000	Ceiling and Carpentry Works						
9.007	Removal of Wooden Truss/ Beams	bd.ft	895.20				
9.008	Removal of Purlins	bd.ft	529.60				
9.010	Removal of Ceiling	sq.m	119.37				
9.170	Rough Lumber, Sun Dried	bd.ft	1,424.80				
7.182	Machine Bolts (16 mm dia.)	pc	84.00				
7.151	Anchor Bolt with Nuts and Washer, 16mmØ x 50mm x 300mm	pc	28.00				
	Exterior and Interior Ceiling	sqm	173.97				
9.170	Rough Lumber, Sun Dried	bd.ft	761.00				
9.060	Plywood, Marine 1/2" x 4' x 8'	pc	59.00				
9.210	Finishing Nails	kg	4.00				
4.040	CWN, Assorted	kg	14.00				
9.220	Concrete Nails	kg	4.00				
9.190	Wood Preservative	L	6.00				
9.140	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	T&G Flooring	sqm	54.60				
9.170	Rough Lumber, Sun Dried	bd.ft	239.00				
	T&G 3/4"x4	bd.ft	712.75				
9.220	Concrete Nails	kg	5.00				
4.040	CWN, Assorted	kg	10.00				
9.210	Finishing Nails	kg	15.00				
9.180	S4S Lumber, Kiln Dried, Tanguile	bd.ft	32.37				
	Blackboard	sqm	11.52				
9.170	Rough Lumber, Sun Dried	bd.ft	74.00				
9.200	Lawanit, 1/4" thk	pc	4.00				
9.210	Finishing Nails	kg	1.00				
4.040	CWN, Assorted	kg	2.00				
9.220	Concrete Nails	kg	1.00				
	Sub-total						
10.000	Electrical Works						
	Roughing-ins						
10.010	Electrical Conduit uPVC, 15mmØ	pc	42.00				
10.050	RSC 25mmØ	pc	1.00				
10.090	Entrance Cap 25mm dia.	pc	1.00				
10.120	Junction Box, 4" x 4"	pc	30.00				
10.130	Utility Box, 2" x 4"	pc	30.00				
10.140	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	Wires & Fixtures						
10.160	3.5 mm² THHN Wire, Stranded	m	378.00				
10.170	5.5 mm² THHN Wire, Stranded	m	10.00				
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	6.00				
10.290	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00				

10.310	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.362	FL 2 x 40W Industrial Type	set	12.00				
10.361	FL 1 x 40W Industrial Type	set	4.00				
10.370	Panel Box, Flush Type, 4 Branches	set	1.00				
10.441	Circuit Breaker, 60A 2P	set	1.00				
10.410	Circuit Breaker, 20A 2P	set	3.00				
10.550	Electrical Tape	pc	2.00				
10.540	Wall Fan, 60W, 230V, 60Hz	set	4.00				
	Sub-total						
12.000	Sanitary Works	lot	1.00				
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	12.00				
12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	12.00				
12.300	PVC Cement	can	2.00				
	Sub-total						
13.000	Painting Works						
	Concrete Surfaces	sq.m	736.57				
13.010	Neutralizer	gal	10.00				
13.020	Latex, Flat	gal	37.00				
13.030	Masonry Putty	gal	37.00				
13.040	Latex, Semi Gloss	gal	37.00				
13.050	Acrylic Color	qtr	10.00				
	Steel Surfaces	sq.m	125.24				
13.121	Primer, Red Oxide	gal	6.00				
13.060	Enamel, Flatwall	gal	8.00				
13.090	Paint Thinner	L	2.00				
	Wood Surface	sqm	185.49				
13.060	Enamel, Flatwall	gal	10.00				
13.070	Glazing Putty	gal	10.00				
13.080	Enamel, Semi Gloss	gal	10.00				
13.090	Paint Thinner	L	8.00				
	T&G Surfaces	sqm	54.60				
	Sanding Sealer	gal	2.00				
	Polyurethane Topcoat (2 Coats)	gal	10.00				
	Wood Stain	gal	1.00				
	Sub-total						
14.000	Tile Works						
	Floor Tiles	sqm	61.75				
	Ceramic Unglazed Floor Tiles 40cm x 40cm	pc	398.00				
14.030	Tile Adhesive 25 kg/bag	bag	12.00				
14.050	Tile Grout 5 kg/bag	bag	5.00				
	Sub-total						
REPAIR OF 1STY 1 CL							
5.000	Masonry Works						
	Masonry Wall	sqm	8.04				
5.030	CHB 4" thk	pc	101.00				
2.020	Portland Cement	bag	5.00				
2.050	Washed Sand	cu.m	1.00				
3.100	D10mm x 6.00 mts RSB	pc	11.00				
3.120	G.I. Tie Wire	kg	1.00				
	Plastering	sqm	22.51				
2.020	Portland Cement	bag	8.00				
2.050	Washed Sand	cu.m	1.00				
	Sub-total						
6.000	Doors and Windows						
6.010	Removal of Door with Jamb	set	2.00				
6.020	Removal of Window with Jamb	sq.m	18.42				

6.031	D-1, (1.00m x 2.10m) Steel Door Type Hinged Door and Fixed Glass Transom on 50mm x 50mm x 6mm Steel Jamb/ Frame and Barrel bolt-type Knob	set	2.00				
6.120	Aluminum Casement Window	sqm	18.00				
	Refurbishment of Window Grilles	lot	1.00				
	Sub-total						
8.000	Roofing Works						
8.010	Removal of Roofing Sheets	sq m	78.59				
8.020	Removal of Ridge Roll	pc	5.00				
8.030	Removal of Flashing	pc	10.00				
8.040	Removal of Gutter	pc	10.00				
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	138.60				
8.070	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	6.00				
8.081	Flashing, Pre-Painted, Ordinary, 0.915m x 2.440m x 0.4mm thk	pc	10.00				
	Gutter, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	10.00				
8.100	Teckscrew 2-1/2"	pc	1,386.00				
8.110	Blind Rivets	pc	260.00				
8.130	Roof Sealant	L	2.00				
	Sub-total						
9.000	Ceiling and Carpentry Works						
	Repair of Damaged Trusses and Purlins						
9.007	Removal of Wooden Truss/ Beams	bd.ft	671.40				
9.008	Removal of Purlins	bd.ft	397.00				
9.009	Removal of Partition	sq.m	22.62				
9.010	Removal of Ceiling	sq.m	111.72				
9.170	Rough Lumber, Sun Dried	bd.ft	1,068.40				
4.040	CWN, Assorted	kg	10.00				
7.180	Machine Bolts (6 mm dia.)	pc	105.00				
7.160	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 150mm	pc	20.00				
	Interior and Exterior Ceiling	sqm	111.72				
9.170	Rough Lumber, Sun Dried	bd.ft	489.00				
9.060	Plywood, Marine 1/2" x 4' x 8'	pc	38.00				
9.210	Finishing Nails	kg	3.00				
4.040	CWN, Assorted	kg	9.00				
9.220	Concrete Nails	kg	3.00				
9.190	Wood Preservative	L	4.00				
9.140	20mm x 25mm x 500mm Wood Slats @25mm clear spacing ceiling ventilation (provide stainless steel)	pc	4.00				
9.141	Fascia Board, Wooden	bd.ft	110.70				
	Blackboard		5.76				
9.170	Rough Lumber, Sun Dried	bd.ft	37.00				
9.200	Lawanit, 1/4" thk	pc	2.00				
9.210	Finishing Nails	kg	1.00				
4.040	CWN, Assorted	kg	1.00				
9.220	Concrete Nails	kg	1.00				
	Sub-total						
10.000	Electrical Works						
	Roughing-ins						
10.010	Electrical Conduit uPVC, 15mmØ	pc	20.00				
10.049	RSC 20mmØ	pc	1.00				
10.080	Entrance Cap 20mm dia.	pc	1.00				

10.120	Junction Box, 4" x 4"	pc	6.00					
10.130	Utility Box, 2" x 4"	pc	4.00					
10.140	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Wires & Fixtures							
10.160	3.5 mm² THHN Wire, Stranded	m	180.00					
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00					
10.320	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00					
10.290	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00					
10.362	FL 2 x 40W Industrial Type	set	4.00					
10.361	FL 1 x 40W Industrial Type	set	1.00					
10.420	Circuit Breaker, 30A 2P	set	1.00					
10.540	Wall Fan, 60W, 230V, 60Hz	set	2.00					
10.550	Electrical Tape	pc	2.00					
	Sub-total							
12.000	Sanitary Works							
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	10.00					
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	10.00					
12.300	PVC Cement	can	1.00					
	Sub-total							
13.000	Painting Works							
	Concrete Surfaces	sqm	165.06					
13.010	Neutralizer	gal	3.00					
13.020	Latex, Flat	gal	9.00					
13.030	Masonry Putty	gal	9.00					
13.040	Latex, Semi Gloss	gal	9.00					
13.050	Acrylic Color	qtr	3.00					
	Wood surfaces	sqm	117.48					
13.060	Enamel, Flatwall	gal	6.00					
13.070	Glazing Putty	gal	6.00					
13.080	Enamel, Semi Gloss	gal	6.00					
13.090	Paint Thinner	L	5.00					
	Sub-total							
14.000	Tile Works							
	Classroom Flooring	sqm	73.32					
	Ceramic Unglazed Floor Tiles 40cm x 40cm	pc	472.00					
14.030	Tile Adhesive 25 kg/bag	bag	14.00					
14.050	Tile Grout 5 kg/bag	bag	6.00					
	Sub-total							
Repair of Comfort Room No. 1 (5 seaters)								
5.000	Masonry Works	sq.m	22.20					
	Comfort Room Topping							
2.020	Portland Cement	bag	5.00					
2.050	Washed Sand	cu.m	0.20					
	Sub-total							
6.000	Doors and Windows	lot	1.00					
6.010	Removal of Door with Jamb	set	8.00					
6.020	Removal of Window with Jamb	sq.m	2.77					
6.032	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door	set	2.00					
6.120	Aluminum Casement Window	sq.m	3.25					
	D-2, 0.6 x 1.20m Flush Hollow Core Door with complete accessories	set	5.00					
	Sub-total							
8.000	Roofing Works	sq.m.	37.40					
8.010	Removal of Roofing Sheets	sq m	37.40					

8.040	Removal of Gutter	pc	2.00				
8.050	Removal of Fascia Board	pc	1.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	42.00				
8.070	G.I. Ridge Roll, Preformed, Pre- Painted, 0.610m x 2.440m x 0.6mm BMT	pc	2.00				
8.080	G.I. Flashing, Preformed, Pre- Painted, 0.610m x 2.440m x 0.4mm BMT	pc	2.00				
8.100	Teckscrew 2-1/2"	pc	336.00				
8.110	Blind Rivets	pc	500.00				
8.130	Roof Sealant	L	2.00				
	Gutter, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	3.00				
	Sub-total						
9.000	Ceiling and Carpentry Works	sq.m.	35.92				
	Interior ceiling						
9.010	Removal of Ceiling	sq.m	22.20				
9.170	Rough Lumber, Sun Dried	bd.ft	98.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	8.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	1.00				
4.040	CWN, Assorted	kg	2.00				
	Exterior ceiling	sq.m	13.72				
9.170	Rough Lumber, Sun Dried	bd.ft	60.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	5.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	3.00				
4.040	CWN, Assorted	kg	2.00				
9.141	Fascia Board, Wooden	bd.ft	19.00				
9.140	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	Sub-total						
10.000	Electrical Works	lot	1.00				
	Roughing-ins						
10.010	Electrical Conduit uPVC, 15mmØ	pc	5.00				
10.100	Entrance Cap 32mm dia.	pc	1.00				
10.200	38.0 mm² THHN Wire, Stranded	m	6.00				
10.130	Utility Box, 2" x 4"	pc	2.00				
	Wires & Fixtures	sq.m	13.72				
10.160	3.5 mm² THHN Wire, Stranded	m	50.00				
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00				
10.320	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.550	Electrical Tape	pc	5.00				
	12"x48" Double Louver Led Tube Light	set	4.00				
	12"x48" Single Louver Led Tube Light	set	1.00				
	Sub-total						
11.000	Plumbing Works	lot	1.00				
11.020	Water Closet 1.6gpf with Accessories	set	5.00				
11.061	Lavatory, Including Fittings and Accessories	set	2.00				
11.090	PP-R Pipe 1"Ø x 4.0m	pc	3.00				
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	12.00				

11.150	PP-R Coupling, 3/4"Ø	set	4.00				
11.200	PP-R Elbow 90° x 1"Ø	pc	7.00				
11.250	PP-R Tee, 1"Ø	pc	15.00				
11.370	Gate Valve, 1"Ø	pc	4.00				
11.420	Teflon Tape	roll	1.00				
11.441	S.S. Floor Drain 4" x 4"	set	3.00				
	Sub-total						
12.000	Sanitary Works	lot	1.00				
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	10.00				
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	8.00				
12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	13.00				
12.141	PVC Sanitary Elbow 1/8 x 2"Ø	pc	6.00				
12.270	PVC P-Trap 2"	set	2.00				
12.300	PVC Cement	can	5.00				
	Sub-total						
13.000	Painting Works	sq.m.	168.78				
	Concrete Surfaces						
13.010	Neutralizer	gal	4.00				
13.020	Latex, Flat	gal	4.00				
13.030	Masonry Putty	gal	4.00				
13.040	Latex, Semi Gloss	gal	5.00				
13.050	Acri Color	set	2.00				
	Wood Surfaces						
13.060	Enamel, Flatwall	gal	1.00				
13.070	Glazing Putty	gal	2.00				
13.080	Enamel, Semi Gloss	gal	2.00				
13.090	Paint Thinner	L	2.00				
	Sub-total						
14.000	Tile Works	sq.m.	87.75				
	Flooring						
14.022	Unglazed Floor Tiles 60cm x 60cm	pc	65.00				
14.030	Tile Adhesive 25 kg/bag	bag	4.00				
14.050	Tile Grout 5 kg/bag	bag	2.00				
	Wall						
2.020	Portland Cement	bag	6.00				
14.011	Glazed Wall Tiles 20cm x 20cm	pc	1,721.00				
14.030	Tile Adhesive 25 kg/bag	bag	12.00				
14.050	Tile Grout 5 kg/bag	bag	5.00				
	Sub-total						
	Repair of Comfort Room No. 2 (5 seaters)						
6.000	Doors and Windows	lot	1.00				
6.010	Removal of Door with Jamb	set	7.00				
6.032	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door	set	2.00				
6.120	Aluminum Casement Window	sq.m	0.00				
	D-2, 0.6 x 1.20m Flush Hollow Core Door with complete accessories	set	5.00				
	Sub-total						
8.000	Roofing Works	sq.m.	30.00				
8.010	Removal of Roofing Sheets	sq m	30.00				
8.040	Removal of Gutter	pc	3.00				
8.050	Removal of Fascia Board	pc	4.00				
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	33.00				
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm BMT	pc	4.00				

8.100	Teckscrew 2-1/2"	pc	264.00				
8.110	Blind Rivets	pc	450.00				
8.130	Roof Sealant	L	2.00				
8.140	Gutter, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	3.00				
Sub-total							
9.000	Ceiling and Carpentry Works	sq.m.	34.68				
	Interior ceiling	sq.m.	34.68				
9.010	Removal of Ceiling	sq.m	22.00				
9.170	Rough Lumber, Sun Dried	bd.ft	98.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	8.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	1.00				
4.040	CWN, Assorted	kg	2.00				
	Exterior ceiling	sq.m	12.48				
9.170	Rough Lumber, Sun Dried	bd.ft	55.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	5.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	3.00				
4.040	CWN, Assorted	kg	1.00				
9.140	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
Sub-total							
10.000	Electrical Works	lot	1.00				
	Roughing-ins						
10.010	Electrical Conduit uPVC, 15mmØ	pc	5.00				
10.100	Entrance Cap 32mm dia.	pc	1.00				
10.120	Junction Box, 4" x 4"	pc	6.00				
10.130	Utility Box, 2" x 4"	pc	2.00				
	Wires & Fixtures	sq.m	13.72				
10.160	3.5 mm ² THHN Wire, Stranded	m	50.00				
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00				
10.320	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.550	Electrical Tape	pc	5.00				
	12"x48" Double Louver Led Tube Light	set	4.00				
	12"x48" Single Louver Led Tube Light	set	1.00				
Sub-total							
11.000	Plumbing Works	lot	1.00				
11.020	Water Closet 1.6gpf with Accessories	set	5.00				
11.061	Lavatory, Including Fittings and Accessories	set	2.00				
11.090	PP-R Pipe 1"Ø x 4.0m	pc	4.00				
14.050	Tile Grout 5 kg/bag	bag	15.00				
11.150	PP-R Coupling, 3/4"Ø	set	4.00				
11.200	PP-R Elbow 90° x 1"Ø	pc	7.00				
11.220	PP-R Elbow 90° x 1/2"Ø	pc	17.00				
11.250	PP-R Tee, 1"Ø	pc	4.00				
11.370	Gate Valve, 1"Ø	pc	1.00				
11.441	S.S. Floor Drain 4" x 4"	set	5.00				
Sub-total							
12.000	Sanitary Works	lot	1.00				
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	10.00				
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	8.00				

12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	13.00				
12.141	PVC Sanitary Elbow 1/8 x 2"Ø	pc	6.00				
12.270	PVC P-Trap 2"	set	2.00				
12.300	PVC Cement	can	5.00				
	Sub-total						
13.000	Painting Works	sq.m.	164.68				
	Concrete Surfaces						
13.010	Neutralizer	gal	4.00				
13.020	Latex, Flat	gal	4.00				
13.030	Masonry Putty	gal	4.00				
13.040	Latex, Semi Gloss	gal	5.00				
13.050	Acri Color	set	2.00				
	Wood Surfaces						
13.060	Enamel, Flatwall	gal	1.00				
13.080	Enamel, Semi Gloss	gal	2.00				
13.070	Glazing Putty	gal	2.00				
13.090	Paint Thinner	L	2.00				
	Sub-total						
14.000	Tile Works	sq.m.	87.75				
	Comfort Room Flooring						
14.022	Unglazed Floor Tiles 60cm x 60cm	pc	65.00				
14.030	Tile Adhesive 25 kg/bag	bag	4.00				
14.050	Tile Grout 5 kg/bag	bag	2.00				
	Wall						
2.020	Portland Cement	bag	6.00				
14.011	Glazed Wall Tiles 20cm x 20cm	pc	1,721.00				
14.030	Tile Adhesive 25 kg/bag	bag	12.00				
14.050	Tile Grout 5 kg/bag	bag	5.00				
	Sub-total						
	Repair of Comfort Room No. 3 (2 seaters)						
6.000	Doors and Windows	lot	1.00				
6.010	Removal of Door with Jamb	set	3.00				
6.032	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door	set	1.00				
	D-2, 0.6 x 1.20m Flush Hollow Core Door with complete accessories	set	2.00				
	Sub-total						
8.000	Roofing Works	sq.m.	15.00				
8.010	Removal of Roofing Sheets	sq m	15.00				
8.040	Removal of Gutter	pc	3.00				
8.050	Removal of Fascia Board	pc	4.00				
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	16.50				
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm BMT	pc	4.00				
8.100	Teckscrew 2-1/2"	pc	132.00				
8.110	Blind Rivets	pc	400.00				
8.130	Roof Sealant	L	2.00				
8.140	Gutter, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	3.00				
	Sub-total						
9.000	Ceiling and Carpentry Works	sq.m.	10.22				
	Interior ceiling	sq.m.	5.22				
9.010	Removal of Ceiling	sq.m	5.22				
9.170	Rough Lumber, Sun Dried	bd.ft	23.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	2.00				
9.210	Finishing Nails	kg	1.00				

9.220	Concrete Nails	kg	1.00				
4.040	CWN, Assorted	kg	1.00				
	Exterior ceiling	sq.m	5.00				
9.170	Rough Lumber, Sun Dried	bd.ft	22.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	2.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	3.00				
4.040	CWN, Assorted	kg	1.00				
9.140	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	Sub-total						
10.000	Electrical Works	lot	1.00				
	Roughing-ins						
10.010	Electrical Conduit uPVC, 15mmØ	pc	5.00				
10.100	Entrance Cap 32mm dia.	pc	1.00				
10.120	Junction Box, 4" x 4"	pc	3.00				
10.130	Utility Box, 2" x 4"	pc	3.00				
	Wires & Fixtures						
10.160	3.5 mm² THHN Wire, Stranded	m	50.00				
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	3.00				
10.320	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.550	Electrical Tape	pc	5.00				
	4" Plastic Receptacle	pc	3.00				
	10 Watts LED Bulb	pc	2.00				
	12 Watts LED Bulb	pc	1.00				
	Sub-total						
11.000	Plumbing Works	lot	1.00				
11.020	Water Closet 1.6gpf with Accessories	set	2.00				
11.090	PP-R Pipe 1"Ø x 4.0m	pc	4.00				
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	15.00				
11.150	PP-R Coupling, 3/4"Ø	set	4.00				
11.200	PP-R Elbow 90° x 1"Ø	pc	7.00				
11.220	PP-R Elbow 90° x 1/2"Ø	pc	15.00				
11.250	PP-R Tee, 1"Ø	pc	4.00				
11.370	Gate Valve, 1"Ø	pc	1.00				
11.420	Teflon Tape	roll	3.00				
11.441	S.S. Floor Drain 4" x 4"	set	5.00				
	Sub-total						
12.000	Sanitary Works	lot	1.00				
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	10.00				
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	8.00				
12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	13.00				
12.141	PVC Sanitary Elbow 1/8 x 2"Ø	pc	6.00				
12.270	PVC P-Trap 2"	set	2.00				
12.300	PVC Cement	can	5.00				
	Sub-total						
13.000	Painting Works	sq.m.	61.52				
	Concrete Surfaces						
13.010	Neutralizer	gal	4.00				
13.020	Latex, Flat	gal	4.00				
13.030	Masonry Putty	gal	5.00				
13.040	Latex, Semi Gloss	gal	4.00				
13.050	Acrylic Color	set	2.00				
	Wood Surfaces						

13.060	Enamel, Flatwall	gal	1.00				
13.080	Enamel, Semi Gloss	gal	1.00				
13.070	Glazing Putty	gal	1.00				
13.090	Paint Thinner	L	1.00				
	Sub-total						
	Comfort Room No. 4 (4 seaters)						
5.000	Masonry Works	sq.m	13.75				
	Comfort Room Topping	sq.m.	13.75				
2.020	Portland Cement	bag	3.00				
2.050	Washed Sand	cu.m	0.22				
	Sub-total						
6.000	Doors and Windows	lot	1.00				
6.010	Removal of Door with Jamb	set	6.00				
6.020	Removal of Window with Jamb	sq.m	1.20				
6.032	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door	set	2.00				
6.120	Aluminum Casement Window	sq.m	1.20				
	D-2, 0.6 x 1.20m Flush Hollow Core Door with complete accessories	set	4.00				
	Sub-total						
8.000	Roofing Works	sq.m.	26.23				
8.010	Removal of Roofing Sheets	sq m	26.23				
8.040	Removal of Gutter	pc	3.00				
8.050	Removal of Fascia Board	pc	8.00				
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	29.00				
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm BMT	pc	10.00				
8.100	Teckscrew 2-1/2"	pc	232.00				
8.110	Blind Rivets	pc	450.00				
8.130	Roof Sealant	L	2.00				
8.140	Gutter, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	3.00				
	Sub-total						
9.000	Ceiling and Carpentry Works	sq.m.	26.23				
	Interior ceiling	sq.m.	13.75				
9.010	Removal of Ceiling	sq.m	13.75				
9.170	Rough Lumber, Sun Dried	bd.ft	61.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	5.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	1.00				
4.040	CWN, Assorted	kg	2.00				
	Exterior ceiling	sq.m	12.48				
9.170	Rough Lumber, Sun Dried	bd.ft	55.00				
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	5.00				
9.210	Finishing Nails	kg	1.00				
9.220	Concrete Nails	kg	3.00				
4.040	CWN, Assorted	kg	19.00				
9.140	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	Sub-total						
10.000	Electrical Works	lot	1.00				
	Roughing-ins						
10.010	Electrical Conduit uPVC, 15mmØ	pc	5.00				
10.100	Entrance Cap 32mm dia.	pc	1.00				

10.120	Junction Box, 4" x 4"	pc	6.00				
10.130	Utility Box, 2" x 4"	pc	2.00				
	Wires & Fixtures						
10.160	3.5 mm ² THHN Wire, Stranded	m	50.00				
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00				
10.320	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.550	Electrical Tape	pc	5.00				
	12"x48" Double Louver Led Tube Light	pc	4.00				
	12"x48" Single Louver Led Tube Light	pc	1.00				
	Sub-total						
11.000	Plumbing Works	lot	1.00				
11.020	Water Closet 1.6gpf with Accessories	set	4.00				
11.061	Lavatory, Including Fittings and Accessories	set	2.00				
11.090	PP-R Pipe 1"Ø x 4.0m	pc	3.00				
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	15.00				
11.150	PP-R Coupling, 3/4"Ø	set	4.00				
11.200	PP-R Elbow 90° x 1"Ø	pc	7.00				
11.220	PP-R Elbow 90° x 1/2"Ø	pc	15.00				
11.250	PP-R Tee, 1"Ø	pc	4.00				
11.370	Gate Valve, 1"Ø	pc	1.00				
11.420	Teflon Tape	roll	3.00				
11.441	S.S. Floor Drain 4" x 4"	set	5.00				
	Sub-total						
12.000	Sanitary Works	lot	1.00				
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	10.00				
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	8.00				
12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	13.00				
12.141	PVC Sanitary Elbow 1/8 x 2"Ø	pc	6.00				
12.270	PVC P-Trap 2"	set	2.00				
12.300	PVC Cement	can	5.00				
	Sub-total						
13.000	Painting Works	sq.m.	98.23				
	Concrete Surfaces	sq.m.	72.00				
13.010	Neutralizer	gal	3.00				
13.020	Latex, Flat	gal	3.00				
13.030	Masonry Putty	gal	3.00				
13.040	Latex, Semi Gloss	gal	3.00				
13.050	Acrylic Color	set	1.00				
	Wood Surfaces						
13.060	Enamel, Flatwall	gal	1.00				
13.080	Enamel, Semi Gloss	gal	1.00				
13.070	Glazing Putty	gal	1.00				
13.090	Paint Thinner	L	1.00				
	Sub-total						
14.000	Tile Works	sq.m.	46.75				
	Comfort Room Flooring						
14.022	Unglazed Floor Tiles 60cm x 60cm	pc	41.00				
14.030	Tile Adhesive 25 kg/bag	bag	3.00				
14.050	Tile Grout 5 kg/bag	bag	2.00				
	Comfort Room Wall						
2.020	Portland Cement	bag	3.00				
14.011	Glazed Wall Tiles 20cm x 20cm	pc	867.00				
14.030	Tile Adhesive 25 kg/bag	bag	6.00				
14.050	Tile Grout 5 kg/bag	bag	3.00				

	Sub-total						
	Electrification						
	Improvement of Covered Court Lightings	lot	1.00				
	200 W HIGH BAY LED LIGHT	set	12.00				
	Prefabricated Anchoring for HIGH BAY LED LIGHT	Assembly	12.00				
10.021	Electrical Conduit uPVC, 25mmØ	pc	15.00				
10.170	5.5 mm² THHN Wire, Stranded	m	150.00				
10.180	14.0 mm² THHN Wire, Stranded	m	40.00				
	Scaffolding Rentals	set	100.00				
	Sub-total						
	Provision of Perimeter Lightings	lot	1.00				
	Integrated Solar Streetlight Weatherproof 150 Watts Light Output, 250 Watts Solar Panel Output with motion sensor and prefabricated mounting bracket	assembly	12.00				
	30 Ft. Electrical Steel Pole (3.0 mm)	assembly	12.00				
	Sub-total						
	Panel Board	lot	1.00				
	6 Branches Panel Board with 40 AT Centermain Circuit Breaker and 15 AT Circuit Breaker, NEMA 3R Enclosure	set	1.00				
	Pull Box	pc	6.00				
10.110	Entrance Cap 50mm dia.	pc	2.00				
10.070	RSC 50mmØ	pc	2.00				
	2 " RSC Coupling	pc	2.00				
	Sub-total						
I.	DIRECT COST						
II.	INDIRECT COST ____% of (I-Gen. Requirements)						
III.	TAX 5% of (I + II)						
IV.	TOTAL CONSTRUCTION COST (I + II + III)						

Prepared By:

CONTRACTOR