

PROGRAM OF WORKS
BILL OF QUANTITIES
 REPAIR 2020 - CAR - Baguio City - 013

School : LUCBAN ELEMENTARY SCHOOL			Date:			
School I.D : 136394			Budget Allocation: PHP 7,118,720.86			
Region : CAR			Eng'g and Administrative Overhead: PHP 0.00			
Division : BAGUIO CITY			Approved Budget for the Contract: PHP 7,118,720.86			
Project Title :			Completion Period 120 CD			
PROPOSED CONSTRUCTION OF COMFORT ROOMS (24 SEATERS), HANDWASHING AND COOKING AREA			Minimum Required Manpower:			
			General Foreman Mason			
			Carpenter Helpers			
			Painter			
Location Camdas, Baguio City			Minimum Required Equipment:			
			Various Power Tools			
			Various Hand Tools			
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
I. DIRECT COST						
A	GENERAL REQUIREMENTS		lot	1.00		
	Construction of Cooking Area					
1.000	Earthworks		lot	1.00		
2.000	Concreting Works		cu.m	33.56		
3.000	Rebar Works		kg	3,738.56		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
7.000	Steel Works		lot	1.00		
8.000	Roofing Works		sq.m.	99.41		
11.000	Plumbing Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		lot	1.00		
14.000	Tile Works		lot	1.00		
	Construction of Comfort Room (12 seaters)					
1.000	Earthworks		lot	1.00		
2.000	Concreting Works		cu.m	27.85		
3.000	Rebar Works		kg	4,467.10		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
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		sq.m	29.70		
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	334.73		
14.000	Tile Works		sq.m	137.76		
	Construction of Comfort Room (12 seaters)					
1.000	Earthworks		lot	1.00		
2.000	Concreting Works		cu.m	27.85		
3.000	Rebar Works		kg	4,467.10		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
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		sq.m	29.70		

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	363.77		
14.000	Tile Works		sq.m	137.76		
	Handwashing					
1.000	Earthworks		lot	1.00		
2.000	Concreting Works		cu.m	6.36		
3.000	Rebar Works		kg	335.80		
5.000	Masonry Works		lot	1.00		
7.000	Steel Works		lot	1.00		
8.000	Roofing Works		sq.m.	28.34		
11.000	Plumbing Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		lot	1.00		
14.000	Tile Works		sq.m.	23.52		
	Electrification					
	IMPROVEMENT OF COVERED COURT LIGHTINGS		ls	1.00		
B	PROVISION OF PERIMETER LIGHTINGS		ls	1.00		
C	PANEL BOARD		ls	1.00		
D						
	Sub-Total					
	II. INDIRECT COST ___% of (I-Gen. Reqmts.)					
	Overhead Expenses (5%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (___%)					
	Sub-Total					
	III. TAX 5% of (I+II)					
	IV. TOTAL CONSTRUCTION COST (I + II + III)					

Prepared by:

Contractor/Representative

**PROGRAM OF WORKS
DETAILED COST ESTIMATE**

PROJECT **PROPOSED CONSTRUCTION OF COMFORT ROOMS (24 SEATERS), HANDWASHING AND COOKING AREA**
 SCHOOL : LUCBAN ELEMENTARY SCHOOL
 LOCATION Camdas, 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							
	Construction of Cooking Area							
1.000	Earthworks	lot	1.00					
1.020	Structural Excavation	cu.m	102.52					
1.030	Backfilling and Compaction	cu.m	61.01					
1.040	Gravel Bedding G-1	cu.m	9.90					
	Sub-total							
2.000	Concreting Works	cu.m	33.56					
2.020	Portland Cement	bag	302.00					
2.030	Crushed Gravel 3/4"	cu.m	33.56					
2.050	Washed Sand	cu.m	16.68					
	Sub-total							
3.000	Rebar Works	kg	3,738.56					
3.050	Deformed RSB, Grade 40	kg	2,320.15					
3.090	Deformed RSB, Grade 33	kg	1,418.41					
3.120	G.I. Tie Wire	kg	56.00					
	Sub-total							
4.000	Formworks	lot	1.00					
4.010	lumber	bd.ft	350.00					
4.020	Plywood Ordinary, 1/4" x 4' x 8'	pc	18.00					
4.040	CWN, Assorted	kg	25.00					
	Sub-total							
5.000	Masonry Works	lot	1.00					
	Wall Footing							
2.020	Portland Cement	bag	7.00					
3.110	D12mm x 6.00 mts RSB	pc	6.00					
3.120	G.I. Tie Wire	kg	2.00					
2.030	Crushed Gravel 3/4"	cu.m	0.74					
2.050	Washed Sand	cu.m	0.37					
	CHB Wall	sq.m.	42.40					
5.030	CHB 4" thk	pc	257.00					
5.040	10mm x 6m RSB	kg	140.60					
2.020	Portland Cement	bag	50.00					
2.050	Washed Sand	cu.m	2.75					
	Load Bearing CHB 6"	pc	273.00					
	Plastering		94.18					
2.020	Portland Cement	bag	34.00					
2.050	Washed Sand	cu.m	2.50					
	Sub-total							
7.000	Steel Works	lot	1.00					
	Angle Bar 2"x2"x4.5mm	pcs.	48.00					
	2" x 3" x 1.2mm C-Purlins	pcs.	26.00					
	2" x 4" x 1.2mm C-Purlins (For Fascia)	pcs.	14.00					

7.360	Welding Rod	kg	15.00					
	16mm Diam. Cross Bracings Round Bars	pc	8.00					
	Cutting Blade 14" dia.	pc	8.00					
	Sub-total							
8.000	Roofing Works	sq.m.	99.41					
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm	lm	99.41					
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm	pc	14.00					
8.100	Teckscrew 2-1/2"	pc	1,600.00					
8.110	Blind Rivets	pc	150.00					
8.130	Roof Sealant	L	4.00					
	Sub-total							
11.000	Plumbing Works	lot	1.00					
	Stainless Gooseneck Kitchen Faucet - Lever Type	sets	2.00					
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	4.00					
	Stainless Steel Kitchen Sink double bowl (heavy guage)	set	2.00					
11.220	PP-R Elbow 90° x 1/2"Ø	pc	6.00					
11.270	PP-R Tee, 1/2"Ø	pc	2.00					
11.220	13 drums Stainless Steel Water Tank (mirror) with Stand	set	1.00					
	PP-R Threaded Adapter	pc	2.00					
	Float Valve Big	set	1.00					
	Sub-total							
12.000	Sanitary Works	lot	1.00					
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	6.00					
12.110	PVC Sanitary Elbow 90° x 2"Ø	pc	4.00					
12.270	PVC P-Trap 2"	pc	2.00					
8.130	Roof Sealant	L	1.00					
	Sub-total							
13.000	Painting Works	lot	1.00					
13.020	Latex, Flat	gal	12.00					
13.030	Masonry Putty	gal	8.00					
13.080	Enamel, Semi Gloss	gal	12.00					
13.090	Paint Thinner	L	8.00					
13.121	Primer, Red Oxide	gal	5.00					
	Roller Brush with Pan	set	2.00					
	Paint Brush	pc	8.00					
	Sand paper	pc	100.00					
	Sub-total							
14.000	Tile Works/Floor Finish	lot	1.00					
	Floor Finish	sq.m.	65.70					
2.020	Portland Cement	bag	30.00					
2.050	Washed Sand	cu.m	4.30					
	Counter Top/columns	lot	1.00					
	Granite Slab	sq.m.	9.24					
	Stone Deco	sq.m.	19.20					
14.030	Tile Adhesive 25 kg/bag	bag	8.00					
	Sub-total							
Construction of Comfort Room 1 (12 seaters)								
1.000	Earthworks	lot	1.00					
1.010	Clearing and Grubbing	sq.m	52.60					
1.020	Structural Excavation	cu.m	29.69					
1.030	Backfilling and Compaction	cu.m	24.07					
1.040	Gravel Bedding G-1	cu.m	6.34					
1.060	Soil Poisoning	sq m	51.05					
	Sub-total							
2.000	Concreting Works (CLASS A)	cu.m	27.85					
2.020	Portland Cement	bag	251.00					
2.030	Crushed Gravel 3/4"	cu.m	27.85					
2.050	Washed Sand	cu.m	13.92					
	Sub-total							

3.000	Rebar Works	kg	4,467.10					
3.050	Deformed RSB, Grade 40	kg	2,121.28					
3.090	Deformed RSB, Grade 33	kg	2,345.82					
3.120	G.I. Tie Wire	kg	50.00					
	Sub-total							
4.000	Formworks	lot	1.00					
4.010	lumber	bd.ft	350.00					
4.020	Plywood Ordinary, 1/4" x 4' x 8'	pc	20.00					
4.040	CWN, Assorted	kg	50.00					
	Sub-total							
5.000	Masonry Works	lot	1.00					
	Masonry Wall (Class A)	sq.m.	119.41					
5.030	CHB 4" thk	pc	423.00					
	CHB 5" thk	pc	1,070.00					
2.020	Portland Cement	bag	121.00					
2.050	Washed Sand	cu.m	7.00					
5.040	10mm x 6m RSB	kg	318.20					
3.120	G.I. Tie Wire	kg	5.00					
	Plastering (Class A @ 20mm thick)	sq.m.	295.19					
2.020	Portland Cement	bag	107.00					
2.050	Washed Sand	cu.m	6.00					
	Sub-total							
6.000	Doors and Windows	lot	1.00					
	D-1, (0.90m x 2.10m) Steel Door Type Hinged Door on Steel Jamb/ Frame and Barrel bolt- type Knob	set	3.00					
	BD1 (1.4m x 0.60m)Aluminum Door with jamb and complete accessories	sq.m.	10.08					
	Awning Type Analoc Window with 1/4" clear glass	sq.m.	13.68					
	Sub-total							
7.000	Steel Works	lot	1.00					
	Roof Framing							
	Angle Bar 2"x2"x4.5mm	pcs.	6.00					
	2" x 3" x 1.2mm C-Purlins	pcs.	8.00					
	2" x 4" x 1.2mm C-Purlins (For Fascia)	pcs.	8.00					
7.360	Welding Rod	kg	8.00					
	Railings							
7.261	G.I. Pipe 1-1/2"Ø Sch. 40	pc	10.00					
7.260	G.I. Pipe 2"Ø Sch.40	pc	8.00					
7.360	Welding Rod	kg	10.00					
	Window Grilles							
7.250	Square Bar 12mm□	pc	16.00					
7.105	Flat Bar 1" x 1/4"	kg	12.00					
7.360	Welding Rod	kg	5.00					
	Sub-total							
8.000	Roofing Works	lot	1.00					
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm	pc	8.00					
	S-Gutter, Pre-formed, Pre-painted, 0.610m x 2.440m x 0.4mm thk	pc	3.00					
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm	lm	33.60					
8.100	Teckscrew 2-1/2"	pc	630.00					
8.130	Roof Sealant	li	2.00					
8.110	Blind Rivets	pc	220.00					
	Sub-total							
9.000	Ceiling and Carpentry Works	sq.m	29.70					
	2nd Floor Ceiling	sq.m.	29.70					
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	12.00					
9.140	1200mm x 300mm with 25mm x 25mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00					
9.170	Rough Lumber (joists, hangers & runners)	bd.ft	245.13					
9.220	Concrete Nails	kg	10.00					
9.210	Finishing Nails	kg	4.00					

	CWN, Assorted	pc	15.00						
	Sub-total								
10.000	Electrical Works	lot	1.00						
	Conduit, Boxes, and Fittings								
10.010	Electrical Conduit uPVC, 15mmØ	pc	50.00						
10.130	Utility Box, 2" x 4"	pc	5.00						
10.120	Junction Box, 4" x 4"	pc	18.00						
	Wires and Wiring Devices								
10.160	3.5 mm² THHN Wire, Stranded	m	300.00						
10.170	5.5 mm² THHN Wire, Stranded	m	20.00						
10.550	Electrical Tape	pc	4.00						
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00						
10.360	1 -18W, 230V, 60Hz AC, Compact Fluorescent Lighting Fixture with Medium Base Keyless Type Porcelain Receptacle	set	18.00						
10.370	Panel Box, Flush Type, 4 Branches	set	1.00						
10.410	Circuit Breaker, 20A 2P	set	1.00						
	Circuit Breaker, 15A 2P	set	2.00						
10.430	Circuit Breaker, 40A 2P	set	1.00						
10.550	Electrical Tape	pc	4.00						
	Sub-total								
11.000	Plumbing Works	lot	1.00						
	Plumbing Fixtures								
11.010	Water Closet Flange	sets	12.00						
11.020	Water Closet 1.6gpf with Accessories	sets	12.00						
11.441	S.S. Floor Drain 4" x 4"	set	19.00						
11.450	Mirror	sq.ft	12.00						
11.430	Tissue Holder	pc	12.00						
11.420	Teflon Tape	roll	10.00						
11.030	Urinal 0.8gpf	sets	4.00						
11.051	1/2" x 4" Stainless Pull Up/Down Faucet	set	10.00						
	Phenolic resin privacy urinal modesty panels partitions complete with accessories	set	4.00						
	Wall mounted stainless shower faucet with control valve	set	12.00						
	13 drums Stainless Water Tank (mirror) with stand	set	1.00						
	Float Valve Big	set	1.00						
	Waterline Works								
11.380	Gate Valve, 3/4"Ø	pc	1.00						
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	42.00						
11.160	PP-R Coupling, 1/2"Ø	pc	12.00						
11.220	PP-R Elbow 90° x 1/2"Ø	pc	44.00						
11.270	PP-R Tee, 1/2"Ø	pc	34.00						
11.410	Check Valve, Horizontal, 1/2"Ø	pc	1.00						
	PP-R Threaded Adapter	pc	34.00						
	Sub-total								
12.000	Sanitary Works	lot	1.00						
	Sewer Line Works								
12.050	PVC Sanitary Pipe 4"Ø x 3.0m	pc	12.00						
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	20.00						
12.090	PVC Sanitary Elbow 90° x 4"Ø	pc	15.00						
12.110	PVC Sanitary Elbow 90° x 2"Ø	pc	8.00						
12.160	PVC Sanitary Wye 4" x 4"	pc	12.00						
12.180	PVC Sanitary Wye 2" x 2"	pc	20.00						
12.220	PVC Sanitary Tee 2" x 2"	pc	20.00						
12.240	Brass Cleanout 4" x 4"	pc	2.00						
12.250	Brass Cleanout 2" x 2"	pc	2.00						
12.270	PVC P-Trap 2"	pc	28.00						
12.300	PVC Cement	can	6.00						
	Downspout								
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	8.00						

12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	9.00					
12.300	PVC Cement	can	1.00					
	Three Chamber Septic Vault							
1.020	Structural Excavation	cu.m	6.75					
1.040	Gravel Bedding G-1	cu.m	2.00					
2.020	Portland Cement	bag	39.00					
2.030	Crushed Gravel 3/4"	cu.m	1.50					
2.050	Washed Sand	cu.m	0.75					
3.090	Deformed RSB, Grade 33	kg	158.53					
3.120	G.I. Tie Wire	kg	2.00					
5.020	CHB 6" thk	pc	303.00					
4.010	lumber	bd.ft	33.33					
4.020	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
	Plastering (inner side)	sq.m.	19.52					
2.020	Portland Cement	bag	7.00					
2.050	Washed Sand	cu.m	0.50					
15.010	Waterproofing, Cementitious	gal	2.00					
	Sub-total							
13.000	Painting Works	sq.m	334.73					
	Concrete surfaces	sq.m.	248.68					
13.010	Neutralizer	gal	12.00					
13.020	Latex, Flat	gal	17.00					
13.040	Latex, Semi Gloss	gal	33.00					
13.030	Masonry Putty	gal	13.00					
	Roller Brush with Pan	set	6.00					
	Paint Brush	pc	4.00					
	Sand paper	PC	150.00					
	Wood Surfaces (Ceiling)	sq.m.	29.04					
13.060	Enamel, Flatwall	gal	3.00					
13.070	Glazing Putty	gal	3.00					
13.080	Enamel, Semi Gloss	gal	5.00					
13.090	Paint Thinner	L	5.00					
	Roller Brush with Pan	set	2.00					
	Paint Brush	pc	2.00					
	Sand paper	PC	75.00					
	Steel Surfaces	sq.m.	86.05					
13.080	Enamel, Semi Gloss	gal	13.00					
13.090	Paint Thinner	L	13.00					
13.121	Primer, Red Oxide	gal	10.00					
	Paint Brush	pc	4.00					
	Sand paper	pc	50.00					
	Sub-total							
14.000	Tile Works	sq.m	137.76					
	Wall	sq.m.	75.68					
2.020	Portland Cement	bag	17.00					
14.010	Ceramic Glazed Tile	sq.m	75.68					
14.050	Tile Grout 5 kg/bag	bag	3.00					
14.030	Tile Adhesive 25 kg/bag	bag	16.00					
	Flooring	sq.m.	50.72					
14.020	Ceramic Unglazed Tile	sq.m	50.72					
2.020	Portland Cement	bag	17.00					
2.050	Washed Sand	cu.m	3.50					
14.050	Tile Grout 5 kg/bag	bag	2.00					
14.030	Tile Adhesive 25 kg/bag	bag	10.00					
	Handwashing	sq.m.	11.36					
14.022	Granite Tiles 60cm x 60cm	pc	33.00					
14.050	Tile Grout 5 kg/bag	bag	0.25					
14.030	Tile Adhesive 25 kg/bag	bag	4.00					
	Sub-total							
	Construction of Comfort Room 2 (12 seaters)							
1.000	Earthworks	lot	1.00					
1.010	Clearing and Grubbing	sq.m	52.60					
1.020	Structural Excavation	cu.m	29.69					

1.030	Backfilling and Compaction	cu.m	24.07					
1.040	Gravel Bedding G-1	cu.m	6.34					
1.060	Soil Poisoning	sq m	51.05					
	Sub-total							
2.000	Concreting Works (CLASS A)	cu.m	27.85					
2.020	Portland Cement	bag	251.00					
2.030	Crushed Gravel 3/4"	cu.m	27.85					
2.050	Washed Sand	cu.m	13.92					
	Sub-total							
3.000	Rebar Works	kg	4,467.10					
3.050	Deformed RSB, Grade 40	kg	2,121.28					
3.090	Deformed RSB, Grade 33	kg	2,345.82					
3.120	G.I. Tie Wire	kg	67.00					
	Sub-total							
4.000	Formworks	lot	1.00					
4.010	lumber	bd.ft	350.00					
4.020	Plywood Ordinary, 1/4" x 4' x 8'	pc	20.00					
4.040	CWN, Assorted	kg	50.00					
	Sub-total							
5.000	Masonry Works	lot	1.00					
	Masonry Wall (Class A)	sq.m.	119.41					
5.030	CHB 4" thk	pc	423.00					
	CHB 5" thk	pc	1,070.00					
2.020	Portland Cement	bag	121.00					
2.050	Washed Sand	cu.m	7.00					
5.040	10mm x 6m RSB	kg	318.20					
3.120	G.I. Tie Wire	kg	5.00					
	Plastering (Class A @ 20mm thick)	sq.m.	295.19					
2.020	Portland Cement	bag	107.00					
2.050	Washed Sand	cu.m	6.00					
	Sub-total							
6.000	Doors and Windows	lot	1.00					
	D-1, (0.90m x 2.10m) Steel Door Type Hinged Door on Steel Jamb/ Frame and Barrel bolt- type Knob	set	3.00					
	BD1 (1.4m x 0.60m)Aluminum Door with jamb and complete accessories	sq.m.	10.08					
	Awning Type Analoc Window with 1/4" clear glass	sq.m.	13.68					
	Sub-total							
7.000	Steel Works	lot	1.00					
	Roof Framing							
	Angle Bar 2"x2"x4.5mm	pcs.	6.00					
	2" x 3" x 1.2mm C-Purlins	pcs.	8.00					
	2" x 4" x 1.2mm C-Purlins (For Fascia)	pcs.	8.00					
7.360	Welding Rod	kg	8.00					
	Railings							
7.261	G.I. Pipe 1-1/2"Ø Sch. 40	pc	10.00					
7.260	G.I. Pipe 2"Ø Sch.40	pc	8.00					
7.360	Welding Rod	kg	10.00					
	Window Grilles							
7.250	Square Bar 12mm□	pc	16.00					
7.105	Flat Bar 1" x 1/4"	kg	12.00					
7.360	Welding Rod	kg	5.00					
	Sub-total							
8.000	Roofing Works	lot	1.00					
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm	pcs.	8.00					
	S-Gutter, Pre-formed, Pre-painted, 0.610m x 2.440m x 0.4mm thk	pc	3.00					
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm	lm	33.60					
8.100	Teckscrew 2-1/2"	pc	630.00					
8.130	Roof Sealant	li	2.00					
8.110	Blind Rivets	pc	220.00					
	Sub-total							

9.000	Ceiling and Carpentry Works	sq.m	29.70					
	2nd Floor Ceiling	sq.m.	29.70					
9.050	Plywood, Marine 1/4" x 4' x 8'	pc	12.00					
9.140	1200mm x 300mm with 25mm x 25mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00					
9.170	Rough Lumber (joists, hangers & runners)	bd.ft	245.13					
9.220	Concrete Nails	kg	10.00					
9.210	Finishing Nails	kg	4.00					
	CWN, Assorted	pc	15.00					
	Sub-total							
10.000	Electrical Works	lot	1.00					
	Conduit, Boxes, and Fittings							
10.010	Electrical Conduit uPVC, 15mmØ	pc	50.00					
10.130	Utility Box, 2" x 4"	pc	5.00					
10.120	Junction Box, 4" x 4"	pc	18.00					
	Wires and Wiring Devices							
10.160	3.5 mm² THHN Wire, Stranded	m	300.00					
10.170	5.5 mm² THHN Wire, Stranded	m	20.00					
10.550	Electrical Tape	pc	4.00					
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00					
10.360	1 -18W, 230V, 60Hz AC, Compact Fluorescent Lighting Fixture with Medium Base Keyless Type Porcelain Receptacle	set	18.00					
10.370	Panel Box, Flush Type, 4 Branches	set	1.00					
10.410	Circuit Breaker, 20A 2P	set	1.00					
	Circuit Breaker, 15A 2P	set	2.00					
10.430	Circuit Breaker, 40A 2P	set	1.00					
10.550	Electrical Tape	pc	4.00					
	Sub-total							
11.000	Plumbing Works	lot	1.00					
	Plumbing Fixtures							
11.010	Water Closet Flange	sets	12.00					
11.020	Water Closet 1.6gpf with Accessories	sets	12.00					
11.441	S.S. Floor Drain 4" x 4"	set	19.00					
11.450	Mirror	sq.ft	12.00					
11.430	Tissue Holder	pc	12.00					
11.420	Teflon Tape	roll	10.00					
11.030	Urinal 0.8gpf	sets	4.00					
11.051	1/2" x 4" Stainless Pull Up/Down Faucet	set	10.00					
	Phenolic resin privacy urinal modesty panels partitions complete with accessories	set	4.00					
	Wall mounted stainless shower faucet with control valve	set	12.00					
	13drums Stainless Water Tank (mirror) with Stand	set	1.00					
	Float Valve Big	set	1.00					
	Waterline Works							
11.380	Gate Valve, 3/4"Ø	pc	1.00					
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	42.00					
11.160	PP-R Coupling, 1/2"Ø	pc	12.00					
11.220	PP-R Elbow 90° x 1/2"Ø	pc	44.00					
11.270	PP-R Tee, 1/2"Ø	pc	34.00					
11.410	Check Valve, Horizontal, 1/2"Ø	pc	1.00					
	PP-R Threaded Adapter	pc	34.00					
	Sub-total							
12.000	Sanitary Works	lot	1.00					
	Sewer Line Works							
12.050	PVC Sanitary Pipe 4"Ø x 3.0m	pc	12.00					
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	20.00					
12.090	PVC Sanitary Elbow 90° x 4"Ø	pc	15.00					
12.110	PVC Sanitary Elbow 90° x 2"Ø	pc	8.00					
12.160	PVC Sanitary Wye 4" x 4"	pc	12.00					

12.180	PVC Sanitary Wye 2" x 2"	pc	20.00					
12.220	PVC Sanitary Tee 2" x 2"	pc	20.00					
12.240	Brass Cleanout 4" x 4"	pc	2.00					
12.250	Brass Cleanout 2" x 2"	pc	2.00					
12.270	PVC P-Trap 2"	pc	28.00					
12.300	PVC Cement	can	6.00					
	Downspout							
12.060	PVC Sanitary Pipe 3"Ø x 3.0m	pc	8.00					
12.100	PVC Sanitary Elbow 90° x 3"Ø	pc	9.00					
12.300	PVC Cement	can	1.00					
	Three Chamber Septic Vault							
1.020	Structural Excavation	cu.m	6.75					
1.040	Gravel Bedding G-1	cu.m	2.00					
2.020	Portland Cement	bag	39.00					
2.030	Crushed Gravel 3/4"	cu.m	1.50					
2.050	Washed Sand	cu.m	0.75					
3.090	Deformed RSB, Grade 33	kg	158.53					
3.120	G.I. Tie Wire	kg	2.00					
5.020	CHB 6" thk	pc	303.00					
4.010	lumber	bd.ft	33.33					
4.020	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
	Plastering (inner side)	sq.m.	19.52					
2.020	Portland Cement	bag	7.00					
2.050	Washed Sand	cu.m	0.50					
15.010	Waterproofing, Cementitious	gal	2.00					
	Sub-total							
13.000	Painting Works	sq.m	363.77					
	Concrete surfaces	sq.m.	248.68					
13.010	Neutralizer	gal	12.00					
13.020	Latex, Flat	gal	17.00					
13.040	Latex, Semi Gloss	gal	33.00					
13.030	Masonry Putty	gal	13.00					
	Roller Brush with Pan	set	6.00					
	Paint Brush	pc	4.00					
	Sand paper	pc	150.00					
	Wood Surfaces (Ceiling)	sq.m.	29.04					
13.060	Enamel, Flatwall	gal	3.00					
13.070	Glazing Putty	gal	3.00					
13.080	Enamel, Semi Gloss	gal	5.00					
13.090	Paint Thinner	L	5.00					
	Roller Brush with Pan	set	2.00					
	Paint Brush	pc	2.00					
	Sand paper	pc	75.00					
	Steel Surfaces	sq.m.	86.05					
13.080	Enamel, Semi Gloss	gal	13.00					
13.090	Paint Thinner	L	13.00					
13.121	Primer, Red Oxide	gal	10.00					
	Paint Brush	pc	4.00					
	Sand paper	pc	50.00					
	Sub-total							
14.000	Tile Works	sq.m	137.76					
	Wall	sq.m.	75.68					
2.020	Portland Cement	bag	17.00					
14.010	Ceramic Glazed Tile	sq.m	75.68					
14.050	Tile Grout 5 kg/bag	bag	3.00					
14.030	Tile Adhesive 25 kg/bag	bag	16.00					
	Flooring	sq.m.	50.72					
14.010	Ceramic Glazed Tile	sq.m	50.72					
2.020	Portland Cement	bag	17.00					
2.050	Washed Sand	cu.m	3.50					
14.050	Tile Grout 5 kg/bag	bag	2.00					
14.030	Tile Adhesive 25 kg/bag	bag	10.00					
	Handwashing	sq.m.	11.36					

14.022	Granite Tiles 60cm x 60cm	pc	33.00						
14.050	Tile Grout 5 kg/bag	bag	0.25						
14.030	Tile Adhesive 25 kg/bag	bag	4.00						
	Sub-total								
	Handwashing								
1.000	Earthworks	lot	1.00						
1.020	Structural Excavation	cu.m	10.20						
1.040	Gravel Bedding G-1	cu.m	1.90						
	Sub-total								
2.000	Concreting Works	cu.m	6.36						
2.020	Portland Cement	bag	58.00						
2.030	Crushed Gravel 3/4"	cu.m	6.36						
2.050	Washed Sand	cu.m	3.18						
	Sub-total								
3.000	Rebar Works	kg	335.80						
3.090	Deformed RSB, Grade 33	kg	335.80						
3.120	G.I. Tie Wire	kg	2.00						
	Sub-total								
5.000	Masonry Works	lot	1.00						
5.030	CHB 4" thk	pc	564.00						
5.040	10mm x 6m RSB	kg	125.80						
2.020	Portland Cement	bag	58.00						
2.050	Washed Sand	cu.m	4.20						
	Sub-total								
7.000	Steel Works	lot	1.00						
7.260	G.I. Pipe 2"Ø Sch.40	pc	8.00						
7.261	G.I. Pipe 1-1/2"Ø Sch. 40	pc	10.00						
7.360	Welding Rod	kg	8.00						
	Cutting Blade 14" dia.	pc	4.00						
	Sub-total								
8.000	Roofing Works	sq.m.	28.34						
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm	lm	30.00						
8.100	Teckscrew 2-1/2"	pc	600.00						
8.130	Roof Sealant	L	2.00						
	Sub-total								
11.000	Plumbing Works	lot	1.00						
11.051	1/2" x 4" Stainless Pull Up/Down Faucet	set	20.00						
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	6.00						
11.441	S.S. Floor Drain 4" x 4"	set	6.00						
11.420	Teflon Tape	roll	6.00						
11.220	PP-R Elbow 90° x 1/2"Ø	pc	6.00						
11.270	PP-R Tee, 1/2"Ø	pc	18.00						
	PP-R Threaded Adapter	pc	20.00						
	Float Valve Big	set	2.00						
	13drums Stainless Water Tank (mirror) with Stand	set	2.00						
	Sub-total								
12.000	Sanitary Works	lot	1.00						
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	6.00						
12.110	PVC Sanitary Elbow 90° x 2"Ø	pc	6.00						
12.270	PVC P-Trap 2"	pc	6.00						
12.300	PVC Cement	can	2.00						
	Sub-total								
13.000	Painting Works	lot	1.00						
13.020	Latex, Flat	gal	4.00						
13.030	Masonry Putty	gal	2.00						
13.080	Enamel, Semi Gloss	gal	2.00						
13.090	Paint Thinner	L	2.00						
13.121	Primer, Red Oxide	gal	2.00						
	Sub-total								

14.000	Tile Works	sq.m.	23.52					
	Counter Top							
14.022	Granite Tiles 60cm x 60cm	pc	86.00					
14.050	Tile Grout 5 kg/bag	bag	0.50					
14.030	Tile Adhesive 25 kg/bag	bag	8.00					
	Sub-total							
	ELECTRIFICATION							
B	IMPROVEMENT OF COVERED COURT LIGHTINGS							
	200 W HIGH BAY LED LIGHT	set	12.00					
	Prefabricated Anchoring for HIGH BAY LED LIGHT	Assembly	12.00					
10.02	Electrical Conduit uPVC, 25mmØ	pc	20.00					
10.170	5.5 mm² THHN Wire, Stranded	m	200.00					
10.180	14.0 mm² THHN Wire, Stranded	m	60.00					
	Sub-total							
C	PROVISION OF PERIMETER LIGHTINGS							
	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							
D	PANEL BOARD							
	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					
10.11	Entrance Cap 50mm dia.	pc	2.00					
10.07	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:

Contractor/Representative