

**COMPANY'S LETTERHEAD**

**PROGRAM OF WORKS  
(DETAILED COST ESTIMATES)**

PROJECT: **PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS (6CL)**  
 SCHOOL : **LOURDES NORTHWEST ELEMENTARY SCHOOL**  
 LOCATION : **LOURDES NORTH WEST, ANGELES CITY**  
 OWNER : **DEPARTMENT OF EDUCATION**

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	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	<b>Sub-total</b>							
6.000	<b>Doors and Windows</b>							
6.101	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	sqft	2,175.00					
	<b>Sub-total</b>							
8.000	<b>Roofing Works</b>							
8.010	Removal of Roofing Sheets	sq m	592.80					
8.020	Removal of Ridge Roll	pc	72.00					
8.030	Removal of Flashing	pc	90.00					
8.050	Removal of Fascia Board	pc	42.00					
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	592.80					
8.070	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	24.00					
8.080	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm BMT	pc	30.00					
8.100	Teckscrew 2-1/2"	pc	14,229.00					
8.130	Roof Sealant	L	6.00					
	<b>Sub-total</b>							
9.000	<b>Ceiling and Carpentry Works</b>							
	Interior and Exterior Ceiling							
9.089	Fiber Cement Board, 1/4" x 4' x 8'	pc	168.00					
9.100	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk	pc	210.00					
9.080	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk	pc	60.00					
9.110	Wall Angle 1" x 1" x 10'	pc	180.00					
8.110	Blind Rivets	pc	2,820.00					
9.220	Concrete Nails	kg	6.00					
9.140	25mm x 25mm x 300mm wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	96.00					
9.120	Preformed Wire Clip	pc	1,890.00					
9.131	Steel Angle	pc	210.00					
9.130	Rod Suspension Hanger with Adjustment Spring	pc	210.00					
9.142	Fascia Board, Fiber Cement 10" x 12'	pc	39.00					
	Blackboards (6 Sets)	sq.m	34.56					
9.180	S4S Lumber, Kiln Dried, Tanguile	bd.ft	220.00					
9.200	Lawanit, 1/4" thk	pc	12.00					
9.210	Finishing Nails	kg	1.00					
4.040	CWN, Assorted	kg	4.00					
9.220	Concrete Nails	kg	3.00					
	<b>Sub-total</b>							

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
10.000	<b>Electrical Works</b>							
	Roughing-ins							
10.010	Electrical Conduit uPVC, 15mmØ	pc	120.00					
10.049	RSC 20mmØ	pc	1.00					
10.200	38.0 mm² THHN Wire, Stranded	m	1.00					
10.120	Junction Box, 4" x 4" G.I.	pc	36.00					
10.130	Utility Box, 2" x 4" G.I.	pc	24.00					
10.140	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Wires & Fixtures							
10.160	3.5 mm² THHN Wire, Stranded	m	1,080.00					
10.170	5.5 mm² THHN Wire, Stranded	m	10.00					
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	24.00					
10.300	Single Convenience Outlet, Grounding Type, 15 AMP, 230V (EF)	set	6.00					
10.290	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	6.00					
10.362	FL 2 x 40W Industrial Type	set	24.00					
10.361	FL 1 x 40W Industrial Type	set	6.00					
10.331	Safety Switch 30A 2P	set	3.00					
10.550	Electrical Tape	pc	12.00					
10.540	Wall Fan, 60W, 230V, 60Hz	set	12.00					
	Ceiling Fan	set	12.00					
	<b>Sub-total</b>							
13.000	<b>Painting Works</b>							
	Concrete surfaces	sq.m	859.05					
13.010	Neutralizer	gal	11.00					
13.020	Latex, Flat	gal	35.00					
13.030	Masonry Putty	gal	35.00					
13.040	Latex, Semi Gloss	gal	35.00					
13.050	Acri Color	qrt	9.00					
	Wood surfaces	sq.m	380.40					
13.060	Enamel, Flatwall	gal	20.00					
13.070	Glazing Putty	gal	20.00					
13.080	Enamel, Semi Gloss	gal	20.00					
13.090	Paint Thinner	L	10.00					
	<b>Sub-total</b>							
<b>REPAIR OF TOILET</b>								
5.000	<b>Masonry Works</b>							
	<b>Masonry Wall</b>	sq.m	84.00					
5.030	CHB 4" thk	pc	1,050.00					
2.020	Portland Cement	bag	42.00					
2.050	Washed Sand	cu.m	4.00					
5.040	10mm x 6m RSB	kg	112.00					
3.120	G.I. Tie Wire	kg	3.00					
	<b>Plastering</b>	sq.m	168.00					
2.020	Portland Cement	bag	56.00					
2.050	Washed Sand	cu.m	6.00					
	<b>Sub-total</b>							
6.00	<b>Doors and Windows</b>							
	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	6.00					
6.091	W - 4, (0.6 x 0.6 m) Steel Jamb Awning Window with Clear Glass	set	6.00					
	<b>Sub-total</b>							
11.000	<b>Plumbing Works</b>							
11.020	Water Closet 1.6gpf with Accessories	set	6.00					
11.010	Water Closet Flange	set	6.00					
11.050	Faucet, Hose Bibb, Brass 1/2"Ø	pc	6.00					
11.041	Faucet, Lavatory	set	6.00					
11.441	S.S. Floor Drain 4" x 4"	set	6.00					
11.380	Gate Valve, 3/4"Ø	pc	6.00					
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	6.00					
11.220	PP-R Elbow 90° x 1/2"Ø	pc	6.00					
11.270	PP-R Tee, 1/2"Ø	pc	6.00					
11.160	PP-R Coupling, 1/2"Ø	pc	12.00					
11.160	PP-R Coupling, 1/2"Ø	pc	6.00					
11.420	Teflon Tape	roll	12.00					
	<b>Sub-total</b>							
12.000	<b>Sanitary Works</b>							
12.050	PVC Sanitary Pipe 4"Ø x 3.0m	pc	6.00					
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	12.00					

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
12.110	PVC Sanitary Elbow 90° x 2"Ø	pc	12.00					
12.220	PVC Sanitary Tee 2" x 2"	pc	12.00					
12.090	PVC Sanitary Elbow 90° x 4"Ø	pc	6.00					
12.270	PVC P-Trap 2"	pc	6.00					
12.240	Brass Cleanout 4" x 4"	pc	6.00					
12.300	PVC Cement	can	6.00					
	<b>Sub-total</b>							
<b>14.000</b>	<b>Tile Works</b>							
	Wall	sq.m	65.28					
14.011	Glazed Wall Tiles 20cm x 20cm	pc	1,681.00					
14.030	Tile Adhesive 25 kg/bag	bag	12.00					
14.040	Tile Trim 6mm	pc	4.00					
14.050	Tile Grout 5 kg/bag	bag	5.00					
	Flooring	sq.m	8.67					
14.021	Unglazed Floor Tiles 20cm x 20cm	pc	224.00					
14.030	Tile Adhesive 25 kg/bag	bag	2.00					
14.050	Tile Grout 5 kg/bag	bag	1.00					
	Flooring (Classroom)	sq.m	336.00					
14.012	Glazed Wall Tiles 60cm x 60cm	pc	962.00					
14.030	Tile Adhesive 25 kg/bag	bag	61.00					
14.050	Tile Grout 5 kg/bag	bag	26.00					
	<b>Sub-total</b>							
I.	<b>DIRECT COST</b>							
II.	<b>INDIRECT COST ___% of (I)</b>							
III.	<b>TAX 5% of (I+II)</b>							
IV.	<b>TOTAL CONSTRUCTION COST (I+II+III)</b>							

Prepared by:

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BIDDER