

COMPANY'S LETTERHEAD

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

PROJECT: **PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS (2CL)**
 SCHOOL : **AIR FORCE ELEMENTARY SCHOOL**
 LOCATION : **CLARK AIRBASE, ANGELES CITY**
 OWNER : **DEPARTMENT OF EDUCATION**

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Sub-total							
6.000	Doors and Windows							
6.101	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	set	272.00					
6.150	Security Grilles	sq.ft	272.00					
	Sub-total							
8.000	Roofing Works							
8.010	Removal of Roofing Sheets	sq m	176.80					
8.020	Removal of Ridge Roll	pc	7.00					
8.030	Removal of Flashing	pc	10.00					
8.050	Removal of Fascia Board	pc	14.00					
8.060	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	176.80					
8.070	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	7.00					
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	1,415.00					
8.130	Roof Sealant	L	2.00					
	Sub-total							
9.000	Ceiling and Carpentry Works							
	Interior and Exterior Ceiling							
9.089	Fiber Cement Board, 1/4" x 4' x 8'	pc	49.00					
9.100	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk)	pc	70.00					
9.080	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	pc	20.00					
9.110	Wall Angle 1" x 1" x 10'	pc	60.00					
8.110	Blind Rivets	pc	940.00					
9.220	Concrete Nails	kg	2.00					
9.140	25mm x 25mm x 300mm wood slats @ 25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	28.00					
9.120	Preformed Wire Clip	pc	630.00					
9.131	Steel Angle	pc	70.00					
9.130	Rod Suspension Hanger with Adjustment Spring	pc	70.00					
9.142	Fascia Board, Fiber Cement 10" x 12'	pc	13.00					
	Blackboards (2 Sets)	sq.m	11.52					
9.180	S4S Lumber, Kiln Dried, Tanguile	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							

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
10.000	Electrical Works							
	Roughing-ins							
10.010	Electrical Conduit uPVC, 15mmØ	pc	40.00					
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	12.00					
10.130	Utility Box, 2" x 4" G.I.	pc	8.00					
10.140	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Wires & Fixtures							
10.160	3.5 mm² THHN Wire, Stranded	m	360.00					
10.170	5.5 mm² THHN Wire, Stranded	m	10.00					
10.270	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	8.00					
10.300	Single Convenience Outlet, Grounding Type, 15 AMP, 230V (EF)	set	2.00					
10.290	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00					
10.362	FL 2 x 40W Industrial Type	set	8.00					
10.361	FL 1 x 40W Industrial Type	set	2.00					
10.370	Panel Box, Flush Type, 4 Branches	set	1.00					
10.430	Circuit Breaker, 40A 2P	set	1.00					
10.410	Circuit Breaker, 20A 2P	set	3.00					
10.420	Circuit Breaker, 30A 2P	set	4.00					
10.550	Electrical Tape	pc	4.00					
10.540	Wall Fan, 60W, 230V, 60Hz	set	4.00					
	Ceiling Fan	set	4.00					
	Sub-total							
13.000	Painting Works							
	Concrete surfaces	sq.m	286.35					
13.010	Neutralizer	gal	4.00					
13.020	Latex, Flat	gal	12.00					
13.030	Masonry Putty	gal	12.00					
13.040	Latex, Semi Gloss	gal	12.00					
13.050	Acri Color	qrt	3.00					
	Wood surfaces	sq.m	126.80					
13.060	Enamel, Flatwall	gal	7.00					
13.070	Glazing Putty	gal	7.00					
13.080	Enamel, Semi Gloss	gal	7.00					
13.090	Paint Thinner	L	4.00					
	Steel Surfaces	sq.m	160.43					
13.110	Primer, Zinc Chromate	gal	9.00					
	Sub-total							
REPAIR OF TOILET								
6.00	Doors							
	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	2.00					
6.091	W - 4, (0.6 x 0.6 m) Steel Jamb Awning Window with Clear Glass	set	2.00					
	Sub-total							
11.000	Plumbing Works							
11.020	Water Closet 1.6gpf with Accessories	set	2.00					
11.010	Water Closet Flange	set	2.00					
11.050	Faucet, Hose Bibb, Brass 1/2"Ø	pc	2.00					
11.041	Faucet, Lavatory	set	2.00					
11.441	S.S. Floor Drain 4" x 4"	set	2.00					
11.380	Gate Valve, 3/4"Ø	pc	2.00					
11.110	PP-R Pipe 1/2"Ø x 4.0m	pc	2.00					
11.220	PP-R Elbow 90° x 1/2"Ø	pc	2.00					
11.270	PP-R Tee, 1/2"Ø	pc	2.00					
11.160	PP-R Coupling, 1/2"Ø	pc	2.00					
11.160	PP-R Coupling, 1/2"Ø	pc	2.00					
11.420	Teflon Tape	roll	2.00					
	Sub-total							
12.000	Sanitary Works							
12.050	PVC Sanitary Pipe 4"Ø x 3.0m	pc	6.00					
12.070	PVC Sanitary Pipe 2"Ø x 3.0m	pc	15.00					
12.110	PVC Sanitary Elbow 90° x 2"Ø	pc	15.00					
12.220	PVC Sanitary Tee 2" x 2"	pc	10.00					

I.D. NO	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
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					
	Sub-total							
14.000	Tile Works							
	Wall	sq.m	17.28					
14.011	Glazed Wall Tiles 20cm x 20cm	pc	445.00					
14.030	Tile Adhesive 25 kg/bag	bag	4.00					
14.040	Tile Trim 6mm	pc	4.00					
14.050	Tile Grout 5 kg/bag	bag	2.00					
	Flooring	sq.m	3.52					
14.021	Unglazed Floor Tiles 20cm x 20cm	pc	91.00					
14.030	Tile Adhesive 25 kg/bag	bag	1.00					
14.050	Tile Grout 5 kg/bag	bag	1.00					
	Flooring (Classroom)	sq.m	112.00					
14.012	Glazed Wall Tiles 60cm x 60cm	pc	321.00					
14.030	Tile Adhesive 25 kg/bag	bag	21.00					
14.050	Tile Grout 5 kg/bag	bag	9.00					
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST ___% of (I)							
III.	TAX 5% of (I+II)							
IV.	TOTAL CONSTRUCTION COST (I+II+III)							

Prepared by:

BIDDER