

**COMPANY'S LETTERHEAD**

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

PROJECT: **PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS (4CL)**  
 SCHOOL: EPZA REST. ELEMENTARY SCHOOL  
 LOCATION: PULUNG CACUTUD, ANGELES CITY  
 OWNER: DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
<b>A</b>	<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>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Masonry Wall (Partition Wall)</i>	<b>sq.m</b>	<b>63.00</b>					
5.0300	CHB 4" thk	pc	788.00					
2.0200	Portland Cement	bag	21.00					
2.0500	Washed Sand	cu.m	3.00					
5.0400	10mm x 6m RSB	kg	84.00					
3.1200	G.I. Tie Wire	kg	2.00					
	<b>Plastering</b>	<b>sq.m</b>	<b>126.00</b>					
2.0200	Portland Cement	bag	42.00					
2.0500	Washed Sand	cu.m	5.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors and Windows</b>							
6.1500	Security Grilles	sq.ft	436.80					
6.0100	Removal of Door with Jamb	set	4.00					
6.0200	Removal of Window with Jamb	sq.m	95.00					
	Steel Door Jamb	set	4.00					
6.0330	D-2, (0.90m x 2.10m) Panel Door	set	4.00					
6.2000	Hinges, Standard 3-1/2" x 3-1/2"	pa	16.00					
6.1600	Entrance, Lockset Standard	set	4.00					
	Steel Window Jamb	bd.ft	1,092.00					
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	sq.ft	436.80					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
8.0100	Removal of Roofing Sheets	sq m	365.00					
8.0200	Removal of Ridge Roll	pc	16.00					
8.0300	Removal of Flashing	pc	11.00					
8.0500	Removal of Fascia Board	pc	16.00					
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	365.00					
8.0710	Ridge Roll Ga.26, 24"x 8'	pc	17.00					
8.0800	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm BMT	pc	11.00					
8.1000	Teckscrew 2-1/2"	pc	2,920.00					
8.1300	Roof Sealant	L	8.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Ceiling and Carpentry Works</b>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	168.00					
9.0080	Removal of Purlins	bd.ft	100.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	800.00					
4.0400	CWN, Assorted	kg	10.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Interior Ceiling</b>							
9.0100	Removal of Ceiling	sq.m	192.00					
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	67.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,676.00					
9.2100	Finishing Nails	kg	4.00					
4.0400	CWN, Assorted	kg	16.00					
9.2200	Concrete Nails	kg	4.00					
9.1900	Wood Preservative, Brown	L	6.00					
	<b>Exterior Ceiling</b>							
9.0100	Removal of Ceiling	sq.m	53.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	19.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	484.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	6.00					
9.2200	Concrete Nails	kg	2.00					
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	8.00					
9.1420	Fascia Board, Fiber Cement 10" x 12'	pc	6.00					
	<b>Blackboards</b>							
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	148.00					
9.2000	Lawanit, 1/4" thk	pc	8.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	4.00					
9.2200	Concrete Nails	kg	2.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<b>Roughing-ins</b>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	48.00					
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	16.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	8.00					
	<b>Wires &amp; Fixtures</b>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	437.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	16.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	4.00					
10.3610	FL 1 x 40W Industrial Type	set	20.00					
10.3310	Safety Switch 30A 2P	set	4.00					
10.5500	Electrical Tape	pc	4.00					
	Ceiling Fan	pc	8.00					
	Wall Fan	pc	8.00					
	<b>Sub-total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<b>Concrete surfaces</b>	<b>sq.m</b>	<b>339.00</b>					
13.0100	Neutralizer	gal	17.00					
13.0200	Latex, Flat	gal	34.00					
13.0300	Masonry Putty	gal	13.00					
13.0400	Latex, Semi Gloss	gal	12.00					
13.0500	Acri Color	qrt	7.00					
	<b>Wood surfaces</b>							
	<b>Interior Ceiling</b>	<b>sq.m</b>	<b>192.00</b>					
13.0600	Enamel, Flatwall	gal	10.00					
13.0800	Enamel, Semi Gloss	gal	20.00					
13.0700	Glazing Putty	gal	5.00					
13.0900	Paint Thinner	L	10.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>Exterior Ceiling</b>	<b>sq.m</b>	<b>53.00</b>					
13.0600	Enamel, Flatwall	gal	3.00					
13.0800	Enamel, Semi Gloss	gal	6.00					
13.0700	Glazing Putty	gal	2.00					
13.0900	Paint Thinner	L	3.00					
	<b>Doors and Windows and blackboards</b>	<b>sq.m</b>	<b>96.60</b>					
13.0600	Enamel, Flatwall	gal	5.00					
13.0700	Glazing Putty	gal	5.00					
13.0800	Enamel, Semi Gloss	gal	10.00					
13.0900	Paint Thinner	L	4.00					
	<b>Sub-total</b>							
<b>REPAIR EXISTING TOILET ATTACHED</b>								
<b>6.0000</b>	<b>Doors and Windows</b>							
	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	4.00					
	<b>Sub-total</b>							
	<b>Plumbing Works</b>							
11.0200	Water Closet 1.6gpf with Accessories	set	4.00					
11.0100	Water Closet Flange	set	4.00					
11.0600	Lavatory, Pedestal Type with Accessories	set	4.00					
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	4.00					
11.0410	Faucet, Lavatory	set	4.00					
11.4410	S.S. Floor Drain 4" x 4"	set	4.00					
11.2300	PP-R Tee, 2"Ø	pc	4.00					
11.1300	PP-R Coupling, 1-1/4"Ø	pc	4.00					
11.2200	PP-R Elbow 90° x 1/2"Ø	pc	12.00					
11.2700	PP-R Tee, 1/2"Ø	pc	12.00					
11.2210	PP-R Elbow Reducer, 1" x 3/4"Ø	pc	4.00					
11.7700	PP-R Adaptor Female Thread 1/2"Ø	pc	12.00					
11.4200	Teflon Tape	roll	8.00					
	<b>Sub-total</b>							
	<b>Tile Works</b>							
	<b>Wall</b>	<b>sq.m</b>	<b>61.44</b>					
14.0110	Glazed Wall Tiles 20cm x 20cm	pc	1,583.00					
14.0300	Tile Adhesive 25 kg/bag	bag	12.00					
14.0400	Tile Trim 6mm	pc	4.00					
14.0500	Tile Grout 5 kg/bag	bag	5.00					
	<b>Flooring</b>	<b>sq.m</b>	<b>45.50</b>					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	1,172.00					
14.0300	Tile Adhesive 25 kg/bag	bag	9.00					
14.0500	Tile Grout 5 kg/bag	bag	4.00					
	<b>Sub-total</b>							
I.	DIRECT COST							
II.	INDIRECT COST ___% of (I)							
III.	TAX 5% of (I + II)							
IV.	<b>TOTAL CONSTRUCTION COST (I+II+III)</b>							

Prepared by:

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BIDDER