

**COMPANY'S LETTERHEAD**

**PROGRAM OF WORKS**

**DETAILED COST ESTIMATE**

PROJECT: **PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDING (20CL)**

SCHOOL : GOV. RAFAEL L. LAZATIN INTEGRATED SCHOOL

LOCATION : BRGY. SAPALIBUTAD, ANGELES CITY

OWNER : DEPARTMENT OF EDUCATION

ITEM 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					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Other Permit Fee	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
	<b>A. FOUR STOREY TWENTY CLASSROOM DEPED BUILDING (7M X 9M)</b>							
6.1500	Security Grilles	sq.ft	3,279.84					
	<b>Sub-total</b>							
14.0000	<b>Tile Works</b>							
14.1500	Flooring (Classroom)	sq.m	1,260.00					
14.0120	Glazed Wall Tiles 60cm x 60cm	pc	3,605.00					
14.0300	Tile Adhesive 25 kg/bag	bag	227.00					
14.0500	Tile Grout 5 kg/bag	bag	95.00					
14.1500	Flooring (Hallway, Stair)	sq.m	555.00					
14.0120	Unglazed Wall Tiles 60cm x 60cm	pc	1,588.00					
14.0300	Tile Adhesive 25 kg/bag	bag	100.00					
14.0500	Tile Grout 5 kg/bag	bag	42.00					
	<b>Sub-total</b>							
	<b>B. REPAIR OF CLASSROOM TO BE USED/ CONVERTED TO DENTAL/ MEDICAL CLINIC (7.00m x 9.00m)</b>							
5.0000	<b>Masonry Works</b>							
	Masonry Wall	sq.m	20.46					
5.0300	CHB 4" thk	pc	256.00					
2.0200	Portland Cement	bag	11.00					
2.0500	Washed Sand	cu.m	1.00					
5.0400	10mm x 6m RSB	kg	28.00					
3.1200	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	40.92					
2.0200	Portland Cement	bag	14.00					
2.0500	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
6.0000	<b>Doors and Windows</b>							
6.0420	D-1, Flush Door 0.90m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	3.00					
6.0430	D-3, (0.70m x 2.10m) Flush Door	set	2.00					
	Door Jamb 45mm x 100mm	set	2.00					
	<b>Sub-total</b>							
9.0000	<b>Carpentry Works</b>							
	Partition Wall (Dry Wall)	sq.m	21.77					
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	16.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	116.58					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	1.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
9.1900	Wood Preservative, Brown	L	1.00					
	<b>Sub-total</b>							
10.0000	<b>Electrical Works</b>							
	Roughing-ins							
10.0200	Electrical Conduit uPVC, 20mmØ	pc	34.00					
10.0210	Electrical Conduit uPVC, 25mmØ	pc	4.00					
10.0500	RSC 25mmØ	pc	6.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	16.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	19.00					
	Wires & Fixtures							
10.1800	14.0 mm <sup>2</sup> THHN Wire, Stranded	m	36.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	16.00					
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	256.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	18.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00					
10.3010	Aircon Outlet with Plate	pc	1.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00					
10.3100	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	3.00					
10.3620	FL 2 x 40W Industrial Type	set	14.00					
10.3600	1 -18W, 230V, 60Hz AC, Compact Fluorescent Lighting Fixture with Medium Base Keyless Type Porcelain Receptacle	set	1.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4400	Circuit Breaker, 50A 2P	set	1.00					
10.4500	Circuit Breaker, 70A 2P	set	1.00					
10.5500	Electrical Tape	pc	5.00					
	<b>Sub-total</b>							
11.0000	<b>Plumbing Works</b>							
11.0610	Lavatory, Including Fittings and Accessories	set	1.00					
11.0510	Faucet	set	4.00					
11.0620	S.S. Sink with Strainer and P-Trap	set	3.00					
11.0200	Water Closet 1.6gpf with Accessories	set	1.00					
11.0100	Water Closet Flange	set	1.00					
11.0900	PP-R Pipe 1"Ø x 4.0m	pc	6.00					
11.1000	PP-R Pipe 3/4"Ø x 4.0m	pc	5.00					
11.2000	PP-R Elbow 90° x 1"Ø	pc	2.00					
11.2100	PP-R Elbow 90° x 3/4"Ø	pc	5.00					
11.2210	PP-R Elbow Reducer, 1" x 3/4"Ø	pc	1.00					
11.1600	PP-R Coupling, 1/2"Ø	pc	9.00					
11.2600	PP-R Tee, 3/4"Ø	pc	4.00					
11.3700	Gate Valve, 1"Ø	pc	2.00					
11.3800	Gate Valve, 3/4"Ø	pc	3.00					
11.4200	Teflon Tape	roll	3.00					
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	11.00					
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	8.00					
12.0710	PVC Sanitary Pipe 1"Ø x 3.0m	pc	3.00					
12.1600	PVC Sanitary Wye 4" x 4"	pc	2.00					
12.2000	PVC Sanitary Wye Reducer 4" x 2"	pc	5.00					
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	pc	4.00					
12.1410	PVC Sanitary Elbow 1/8 x 2"Ø	pc	7.00					
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	9.00					
12.1110	PVC Sanitary Elbow 90° x 1"Ø	pc	1.00					
12.2210	PVC Sanitary Tee Reducer 4" x 2"	pc	3.00					
12.2200	PVC Sanitary Tee 2" x 2"	pc	2.00					
12.2700	PVC P-Trap 2"	pc	3.00					
12.2400	Brass Cleanout 4" x 4"	pc	2.00					
12.3000	PVC Cement	can	5.00					
11.4410	S.S. Floor Drain 4" x 4"	set	3.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
11.4500	Mirror	sq.ft	28.53					
	<b>Sub-total</b>							
13.0000	<b>Painting Works</b>							
	Wood surfaces	sq.m	110.32					
13.0600	Enamel, Flatwall	gal	6.00					
13.0700	Glazing Putty	gal	6.00					
13.0800	Enamel, Semi Gloss	gal	6.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-total</b>							
I.	<b>DIRECT COST</b>							
II.	<b>INDIRECT COST ___% of (I - Gen. Req.)</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