

COMPANY'S LETTERHEAD

PROGRAM OF WORKS

DETAILED COST ESTIMATE

PROJECT: **PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDING (16CL)**

SCHOOL : AMSIC INTEGRATED SCHOOL

LOCATION : BRGY. AMSIC, ANGELES CITY

OWNER : DEPARTMENT OF EDUCATION

ITEM 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					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Other Permit Fee	lot	1.00					
	Hauling cost	lot	1.00					
	Sub-total							
	A. TWO STOREY FOUR CLASSROOM AUSAID BUILDING (7M X 9M)							
5.0000	Masonry Works							
	Masonry Works For Replacement of Wooden Jamb to Steel Jamb Doors/Windows	sq.m	44.16					
2.0200	Portland Cement	bag	15.00					
2.0500	Washed Sand	cu.m	2.00					
	Sub-total							
6.0000	Doors and Windows							
6.0100	Removal of Door with Jamb	set	16.00					
6.0200	Removal of Window with Jamb	sq.m	70.00					
	D-1, (0.90m x 2.10m) Steel Door Type and Fixed Glass Transom on 50mm x 150mm Steel Jamb/ Frame with complete accessories	set	8.00					
6.0420	D-1, Flush Door 0.90m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.0430	D-3, (0.70m x 2.10m) Flush Door	set	5.00					
6.0610	Door Jamb 45mm x 150mm	set	5.00					
	D-4 Cubicle Door 0.60m x 1.20m on 150mm Wooden Jamb complete with Accessories	set	5.00					
	W - 1, (3.80m x 1.6m) Steel Jamb Jalousie Window with Clear Glass Blades and with Fixed Clear Glass Transom	set	8.00					
	W - 2, (1.50m x 1.6m) Steel Jamb Jalousie Window with Clear Glass Blades and with Fixed Clear Glass Transom	set	8.00					
	W - 4, (0.60m x 0.60m) Steel Jamb Jalousie Window with Clear Glass Blades and with Fixed Clear Glass Transom	set	6.00					
6.1500	Security Grilles	sq.ft	536.20					
	Sub-total							
9.0000	Ceiling and Carpentry Works							
9.0100	Removal of Ceiling	sq.m	92.70					
	Interior ceiling	sq.m	89.70					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	392.00					
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	31.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	8.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	3.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	Exterior ceiling	sq.m	18.04					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	79.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	7.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	2.00					
9.2200	Concrete Nails	kg	1.00					
9.1900	Wood Preservative, Brown	L	1.00					
	Sub-total							
10.0000	Electrical Works							
	Wires & Fixtures							
10.1600	3.5 mm ² THHN Wire, Stranded	m	216.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	10.00					
10.2800	Duplex Convenience Outlet, Grounding Type, 20A, 250V (WP)	set	2.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	7.00					
10.3100	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	6.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00					
10.3620	FL 2 x 40W Industrial Type	set	24.00					
	LED Bulb 8 Watts	set	9.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	6.00					
10.5500	Electrical Tape	pc	4.00					
	Ceiling Fan	set	4.00					
	Sub-total							
11.0000	Plumbing Works							
11.0200	Water Closet 1.6gpf with Accessories	set	6.00					
11.0400	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	set	2.00					
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	5.00					
11.0100	Water Closet Flange	set	6.00					
11.4410	S.S. Floor Drain 4" x 4"	set	12.00					
11.4500	Mirror	sq.ft	24.00					
	Sub-total							
13.0000	Painting Works							
	Scaffolding	set	11.00					
	Concrete surfaces	sq.m	2,247.42					
13.0100	Neutralizer	gal	29.00					
13.0200	Latex, Flat	gal	113.00					
13.0300	Masonry Putty	gal	113.00					
13.0400	Latex, Semi Gloss	gal	113.00					
13.0500	Acri Color	qrt	29.00					
	Wood surfaces	sq.m	307.74					
13.0600	Enamel, Flatwall	gal	16.00					
13.0700	Glazing Putty	gal	16.00					
13.0800	Enamel, Semi Gloss	gal	16.00					
13.0900	Paint Thinner	gal	12.00					
	Sub-total							
14.0000	Tile Works							
	Removal of Tiles	sqm	96.42					
	Wall (CR)	sq.m	75.22					
14.0110	Glazed Wall Tiles 20cm x 20cm	pc	1,937.00					
14.0300	Tile Adhesive 25 kg/bag	bag	14.00					
14.0400	Tile Trim 6mm	pc	8.00					
14.0500	Tile Grout 5 kg/bag	bag	6.00					
14.1500	Flooring (CR)	sq.m	21.20					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	546.00					
14.0300	Tile Adhesive 25 kg/bag	bag	4.00					
14.0500	Tile Grout 5 kg/bag	bag	2.00					
14.1500	Flooring (Classroom)	sq.m	252.00					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
14.0120	Glazed Wall Tiles 60cm x 60cm	pc	721.00					
14.0300	Tile Adhesive 25 kg/bag	bag	46.00					
14.0500	Tile Grout 5 kg/bag	bag	19.00					
14.1500	Flooring (Hallway, Stair)	sq.m	179.30					
14.0120	Unglazed Wall Tiles 60cm x 60cm	pc	513.00					
14.0300	Tile Adhesive 25 kg/bag	bag	33.00					
14.0500	Tile Grout 5 kg/bag	bag	14.00					
	Sub-total							
B. FOUR STOREY TWELVE CLASSROOM SCHOOL BUILDING (7M X 9M)								
6.0000	Doors and Windows							
6.1500	Security Grilles	sq.ft	2,287.65					
	Sub-total							
9.000	Ceiling and Carpentry Works							
	Interior and Exterior Ceiling							
9.089	Fiber Cement Board, 1/4" x 4' x 8'	pc	26.00					
9.100	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk)	pc	20.00					
9.080	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	pc	20.00					
8.110	Blind Rivets	pc	500.00					
	Sub-total							
13.0000	Painting Works							
	Scaffolding	set	30.00					
	Concrete surfaces	sq.m	5,980.62					
13.0100	Neutralizer	gal	75.00					
13.0200	Latex, Flat	gal	300.00					
13.0300	Masonry Putty	gal	300.00					
13.0400	Latex, Semi Gloss	gal	300.00					
13.0500	Acri Color	qrt	75.00					
	Wood surfaces	sq.m	271.12					
13.0600	Enamel, Flatwall	gal	14.00					
13.0700	Glazing Putty	gal	14.00					
13.0800	Enamel, Semi Gloss	gal	14.00					
13.0900	Paint Thinner	gal	11.00					
	Sub-total							
14.0000	Tile Works							
14.1500	Flooring (Classroom)	sq.m	756.00					
14.0120	Glazed Wall Tiles 60cm x 60cm	pc	2,163.00					
14.0300	Tile Adhesive 25 kg/bag	bag	137.00					
14.0500	Tile Grout 5 kg/bag	bag	57.00					
14.1500	Flooring (Hallway, Stair)	sq.m	633.20					
14.0120	Unglazed Wall Tiles 60cm x 60cm	pc	1,812.00					
14.0300	Tile Adhesive 25 kg/bag	bag	114.00					
14.0500	Tile Grout 5 kg/bag	bag	48.00					
	Sub-total							
C. REPAIR OF CLASSROOM TO BE USED/ CONVERTED TO DENTAL/ MEDICAL CLINIC (7.00m x 9.00m)								
5.0000	Masonry Works							
	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					
	Sub-total							
6.0000	Doors and Windows							
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					
	Sub-total							

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
9.0000	Carpentry Works							
	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					
9.1900	Wood Preservative, Brown	L	1.00					
	Sub-total							
10.0000	Electrical Works							
	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 mm² THHN Wire, Stranded	m	36.00					
10.1710	8.0 mm² THHN Wire, Stranded	m	16.00					
10.1600	3.5 mm² THHN Wire, Stranded	m	256.00					
10.1700	5.5 mm² 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					
	Sub-total							
11.0000	Plumbing Works							
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					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
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					
11.4500	Mirror	sq.ft	28.53					
	Sub-total							
13.0000	Painting Works							
	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					
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST ___% of (I - Gen. Req.)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

Prepared by:

Bidder