

## (COSNTRUCTION FIRM'S LETTERHEAD)

## DETAILED ESTIMATES

PROJECT : CY 2018 QUICK REPOSE FUND (BATCH 3),REPAIR/REHABILITATION/REPLACEMENT OF CLASSROOMS

SCHOOL: HOLY GHOST ES

LOCATION : HOLY GHOST, BAGUIO CITY

OWNER : DEPARTMENT OF EDUCATION

SUBJECT : BILL OF QUANTITIES

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					
<b>Sub-total</b>							
<b>Building No.1 DepEd School Building 2STY 6CL (7M X 8M)</b>							
<b>Concreting Works</b>							
Suspended Slab (1F Corridor)	cu.m	1.54					
Portland Cement	bag	14.00					
Crushed Gravel 3/4"	cu.m	1.75					
Washed Sand	cu.m	1.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Rebar Works</b>							
Suspended Slab	kg	9.57					
Deformed Round Bars, Grade 40	kg	9.57					
G.I. Tie Wire	kg	1.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Formworks</b>							
Suspended Slab	sq.m	15.40					
Rough Lumber	bdft	262.00					
Plywood Ordinary, 1/2" x 4' x 8'	pc	4.00					
CWN, Assorted	kg	4.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Masonry Works</b>							
<b>Clinic,New 3 Seater T&amp;B</b>							
Masonry Wall	sq.m	12.80					
CHB 4" thk	pc	160.00					
Portland Cement	bag	7.00					
Washed Sand	cu.m	1.00					
10mm x 6m RSB	kg	17.00					
G.I. Tie Wire	kg	1.00					
Plastering	sq.m	25.60					
Portland Cement	bag	9.00					
Washed Sand	cu.m	1.00					
Floor Topping	sq.m	1.54					
Portland Cement	bag	2.00					
Washed Sand	cu.m	1.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Doors and Windows</b>							
Removal of Door with Jamb	set	2.00					
Removal of Window with Jamb	sq.m	46.00					
Refurbishment Steel Door 0.90m x 2.15m on 150mm Wooden Jamb complete with Accessories	set	12.00					
D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	4.00					
D-4 Cubicle Door 0.60m x 1.20m on 150mm Wooden Jamb complete with Accessories	set	3.00					
Analok Window complete with Accessories	sqm	55.00					
W - 4, ( 0.6 x 0.95 m) Jalousie Window with Clear Glass Blades on Standard Aluminum Casing and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories	set	5.00					
Security Grilles	set	61.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							

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DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
			MATERIAL	LABOR	MATERIAL	LABOR	
<b>Steel Works</b>							
<b>Canopy Truss</b>							
G.I. Pipe 3"Ø Sch.40	pcs	9.00					
L 50 x 50 x 5mm	pcs	14.00					
Flat Bar 1" x 1/4"	pcs	10.00					
Anchor Bolt	pcs	180.00					
Welding Rod	kg	4.00					
<b>Stairs and Railings</b>							
G.I. Pipe 2"Ø Sch.40	pc	2.00					
L 50 x 50 x 5mm	pc	6.00					
Tubular 50mm x 100mm x 1.2mm	pc	20.00					
50mmx50mm Welded Wire (#10)	pc	6.00					
20mm X 20mm square bar	pc	5.00					
2"x 50mm Flat Bar	pc	22.00					
Stainless Steel Flat Hinge	pc	48.00					
Welding Rod	kg	5.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Roofing Works</b>							
Removal of Roofing Sheets	sq.m	234.00					
Removal of Ridge Roll	pc	17.00					
Removal of Flashing	pc	12.00					
Removal of Gutter	pc	34.00					
Removal of Fascia Board	pc	8.00					
Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm thk	m	450.00					
Long-Span Roofing, Rib-Type, Pre-Painted, 1220mm x 0.4mm thk	m	118.00					
Gutter, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.5mm thk	pc	30.00					
Flashing, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.5mm thk	pc	12.00					
Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.5mm thk	pc	15.00					
Teckscrew 2-1/2"	pc	3,780.00					
Roof Sealant	L	6.00					
Blind Rivets	pc	570.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Carpentry Works</b>							
<b>Wall ( Clinic ,Faculty Cubicle)</b>	sq.m	19.62					
Rough Lumber, Sun Dried, Tanguile	bd.ft	86.00					
Plywood, Marine 1/2" x 4' x 8'	pc	7.00					
Plywood,Ordinary 1/4" x 4' x 8'	pc	7.00					
Finishing Nails	kg	2.00					
Common Wire Nails	kg	2.00					
Concrete Nails	kg	2.00					
Wood Preservative, Brown	L	1.00					
<b>Interior ceiling</b>	sq.m	302.40					
Rough Lumber, Sun Dried, Tanguile	bd.ft	1,322.00					
Plywood, Ordinary 1/2" x 4' x 8'	pc	102.00					
Finishing Nails	kg	6.00					
Common Wire Nails	kg	24.00					
Concrete Nails	kg	6.00					
Wood Preservative, Brown	L	10.00					
<b>Exterior ceiling</b>	sq.m	174.96					
Rough Lumber, Sun Dried, Tanguile	bd.ft	765.00					
Plywood, Marine 1/4" x 4' x 8'	pc	59.00					
Finishing Nails	kg	4.00					
Common Wire Nails	kg	14.00					
Concrete Nails	kg	4.00					
Wood Preservative, Brown	L	6.00					
Ceiling Vent 1" x 12" x 4' with Screen	pc	8.00					
Fascia Board, Wooden	bd.ft	309.96					

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DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
			MATERIAL	LABOR	MATERIAL	LABOR	
<b>Blackboards</b>	sq.m	17.28					
Rough Lumber, Sun Dried, Tanguile	bd.ft	110.00					
Lawanit, 1/4" thk	pc	6.00					
Finishing Nails	kg	1.00					
Common Wire Nails	kg	2.00					
Concrete Nails	kg	1.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Electrical Works</b>							
<b>Roughing-ins</b>							
Electrical Conduit uPVC, 15mmØ	pc	144.00					
RSC 32mmØ	pc	1.00					
Entrance Cap 32mm dia.	pc	1.00					
Junction Box, 4" x 4" G.I.	pc	42.00					
Utility Box, 2" x 4" G.I.	pc	42.00					
Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
<b>Wires &amp; Fixtures</b>							
3.5 mm2 THW Wire, Stranded	m	1,555.20					
60.0 mm2 THW Wire, Stranded	m	10.00					
Duplex C.O. with Plate	pc	26.00					
Single Switch with Plate	pc	8.00					
2-Gang Switch with Plate	pc	8.00					
FL 2 x 40W Recessed Type with Luminaire 24" x 48"	set	44.00					
Incandescent Bulb 50W	set	12.00					
Panel Box, Flush Type, 10 Branches	set	1.00					
Ceiling Receptacle 3-1/2"Ø	pc	12.00					
Single Switch with Plate	pc	3.00					
Circuit Breaker, 150A 2P	pc	1.00					
Electrical Tape	pc	6.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Plumbing Works</b>							
G.I. Pipe 1/2"Ø Sch.40	pc	5.00					
G.I. Tee, 1/2"Ø	pc	13.00					
G.I. Elbow 90° x 1/2"Ø	pc	6.00					
Gate Valve, 1-1/2"Ø	pc	1.00					
Faucet, Plain Bibb, Brass 1/2"Ø	pc	1.00					
Water Closet 1.6gpf with Accessories	set	6.00					
Urinal 0.8gpf	set	3.00					
Counter Sink Type, with Lever Type Faucet and Complete Accessories	set	2.00					
Water Tank 12 Drums With stand (stainless steel)	unit	1.00					
Float Ball Valve-small	set	1.00					
Teflon Tape	roll	6.00					
Tissue Holder	pc	3.00					
Mirror	sq.ft	50.00					
G.I. Tee, 3/4" x 1/2"Ø	pc	13.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Sanitary Works</b>							
uPVC Sanitary Pipe 3"Ø	pc	19.00					
uPVC Sanitary Pipe 4"Ø	pc	8.00					
uPVC Wye 3" x 3"	pc	7.00					
uPVC Wye 4" x 4"	pc	5.00					
uPVC Elbow 90° x 3"Ø	pc	11.00					
uPVC Elbow 90° x 4"Ø	pc	7.00					
Cleanout 4"	pc	7.00					

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DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
			MATERIAL	LABOR	MATERIAL	LABOR	
Cleanout 3"	pc	3.00					
uPVC Tee 4" x 2"	pc	1.00					
uPVC Tee 2" x 2"	pc	4.00					
uPVC P-Trap 2"	pc	3.00					
uPVC P-Trap 4"	pc	3.00					
uPVC Elbow 90° x 2"Ø	pc	2.00					
PVC Cement	can	2.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Painting Works</b>							
<b>Steel Surfaces</b>		57.62					
Primer, Red Oxide	gal	6.00					
Enamel, Quick Dry	gal	8.00					
Paint Thinner	gal	2.00					
<b>Concrete surfaces</b>	sq.m	515.00					
Latex, Flat	gal	26.00					
Latex, Semi Gloss	gal	26.00					
Acri Color	qrt	129.00					
<b>Wood surfaces</b>	sq.m	533.88					
Enamel, Flatwall	gal	27.00					
Glazing Putty	gal	27.00					
Enamel, Semi Gloss	gal	27.00					
Paint Thinner	gal	21.00					
Paint Brush 4"	pc	5.00					
Baby Roller	pc	2.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>Tile Works</b>							
<b>Wall</b>	sq.m	8.65					
Glazed Wall Tiles 20cm x 20cm	pc	223.00					
Tile Adhesive 25 kg/bag	bag	2.00					
Tile Grout 5 kg/bag	bag	3.00					
<b>Flooring</b>	sq.m	103.50					
Unglazed Floor Tiles 60cm x 60cm	pc	297.00					
Tile Adhesive 25 kg/bag	bag	19.00					
Tile Grout 5 kg/bag	bag	8.00					
Minor Tool (10% of Labor)	lot	1.00					
<b>Sub-total</b>							
<b>DIRECT COST</b>							
<b>INDIRECT COST</b> ____%of (I) DIRECT COST							
<b>TAX 5% of (I+II)</b>							
<b>TOTAL CONSTRUCTION COST (I+II+III)</b>							

Prepared by:

Signature Over Printed Name  
 (Construction Firm)