

(CONSTRUCTION FIRM'S LETTERHEAD)

PROGRAM OF WORKS
REPAIR OF SCHOOL BUILDINGS / GAA 2018 (BEFF-REGULAR REPAIR)

School: Lucban Elementary School	Date: January 2018
School I.D.: 136394	Budget Allocation:
Region: CAR	Engineering and Administrative Overhead:
Division: Baguio City	Approved Budget for Contract: PHP 8,820,000.00
Project Title:	Completion Period: 90 calendar days
REPAIR OF CLASSROOMS	Minimum Required Manpower:
	General Foreman Welder Carpenter
	Helper Mason Painter
Plan:	Minimum Required Equipment:
Location: Camdas Barangay, Baguio City	Hand Tools Welding Machine
	One-Bagger Mixer Bar Cutter

Item I.D.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	I. DIRECT COST					
	General Requirements		lot	1.00		
	DEPED BUILDING, 1STY 2CLASSROOMS					
A	Earthworks		Cu.m	0.42		
B	Concreting Works		Cu.m	0.50		
C	Rebar Works		kg	14.80		
E	Masonry Works (Class A Mixture)		sq.m.	24.04		
G	Roofing Works		sq.m.	150.16		
H	Carpentry Works		lot	1.00		
I	Electrical Works		lot	1.00		
J	Doors & Windows		lot	1.00		
K	Painting Works		sq.m.	379.74		
L	Plumbing Works		lot	1.00		
M	Sanitary Works		lot	1.00		
N	Tile Works		sq.m.	118.02		
	DPWH BUILDING, 1STY 6CLASSROOMS					
A	Earthworks		Cu.m	1.26		
B	Concreting Works		Cu.m	0.86		
C	Rebar Works		kg	88.80		
E	Masonry Works (Class A Mixture)		sq.m.	70.50		
G	Roofing Works		sq.m.	498.89		
H	Carpentry Works		lot	1.00		
I	Electrical		lot	1.00		
J	Doors & Windows		lot	1.00		
K	Painting Works		sq.m.	1,076.83		
L	Plumbing Works		lot	1.00		
M	Sanitary Works		lot	1.00		
N	Tile Works		sq.m.	260.94		
	ZONTA BUILDING, 1STY 5CL					

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E	Masonry Works (Class A Mixture)		sq.m.	53.24		
G	Roofing Works		sq.m.	363.66		
H	Carpentry Works		lot	1.00		
I	Electrical Works		lot	1.00		
J	Doors & Windows		lot	1.00		
K	Painting Works		sq.m.	1,077.82		
N	Tile Works		sq.m.	183.68		
IMELDA BUILDING, 2STY 14CLASSROOMS						
A	Earthworks (Canal)		Cu.m	69.58		
B	Concreting Works		Cu.m	4.33		
C	Rebar Works (canal & Counter)		kg	133.20		
D	Scaffolding		lot	1.00		
E	Masonry Works (Class A Mixture)		sq.m.	68.92		
G	Roofing Works		sq.m.	371.00		
H	Carpentry Works		lot	1.00		
I	Electrical		lot	1.00		
J	Doors & Windows		lot	1.00		
K	Painting Works		sq.m.	3,113.59		
L	Plumbing Works		lot	1.00		
M	Sanitary Works		lot	1.00		
N	Tile Works		sq.m.	499.27		
	II. INDIRECT COST 17% of (I)					
	Overhead Expenses 5% of (I-Gen. Requirements)					
	Contingencies 3% of (I-Gen. Requirements)					
	Miscellaneous 1% of (I-Gen. Requirements)					
	Contractor's Profit ___% of (I-Gen. Requirements)					
	Sub-Total					
	III. TAX 5% of (I+II)					
	Sub-Total					
	IV. TOTAL CONSTRUCTION COST (I + II + III)					

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Prepared:

SIGNATURE OVER PRINTED NAME

Construction Firm

(CONSTRUCTION FIRM'S LETTERHEAD)

PROJECT : REPAIR OF CLASSROOMS
 SCHOOL : LUCBAN ELEMENTARY SCHOOL
 LOCATION: CAMDAS, BAGUIO CITY
 OWNER : DEPARTMENT OF EDUCATION
 SUBJECT : BILL OF QUANTITIES

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					
	Sub-total							
	DEPED BUILDING, 1STY 2CLASSROOMS							
A	Earthworks	Cu.m	0.42					
	Demolition of reinforced concrete	cu.m	0.36					
	Structural Excavation	cu.m	0.42					
	Gravel Bedding G-1	cu.m	0.02					
	Sub-total							
B	Concreting Works	Cu.m	0.50					
	Portland Cement	bag	5.00					
	Crushed Gravel 3/4"	cu.m	0.50					
	Washed Sand	cu.m	0.25					
	Sub-total							
C	Rebar Works	kg	14.80					
	Deformed Round Bars	kg	14.80					
	G.I. Tie Wire	kg	0.25					
	Sub-total							
E	Masonry Works (Class A Mixture)	sq.m.	24.04					
	Demolition of Masonry Wall	sq.m	8.19					
	Portland Cement	bag	20.00					
	Washed Sand	cu.m	1.05					
	CHB 4" thk	pc	190.00					
	CHB 5" thk	pc	111.00					
	10mm x 6m RSB	kg	66.60					
	G.I. Tie Wire	kg	2.00					
	PLASTERING(class A @ 20mm thick)	sq.m.	57.70					
	Portland Cement	bag	21.00					
	Washed Sand	cu.m	1.15					
	Sub-total							
G	Roofing Works	sq.m.	150.16					
	Removal of Roofing Sheets	sq.m	151.00					
	Removal of Flashing	pc	8.00					
	Removal of Fascia Board	pc	10.00					
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	lm	158.00					
	Flashing, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	pc	17.00					
	Gutter, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	m	8.00					

	Fascia Board, Wooden (3/4" x 10" Good Lumber)	bd.ft	108.00				
	Teckscrew 2-1/2"	pc	3,304.00				
	Blind Rivets	pc	400.00				
	Roof Sealant (elastomeric sealant)	L	2.00				
	Sub-total						
H	Carpentry Works	lot	1.00				
	<i>Trusses and Members</i>						
	Removal of Dilapidated Wooden Trusses and Members	bd.ft	346.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	457.00				
	Common Wire Nails	kg	10.84785				
	<i>Ceiling</i>	sq.m.	125.47				
	Removal of Ceiling	sq.m	102.00				
	Plywood, Marine 1/4" x 4' x 8'	pc	44.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	549.00				
	Finishing Nails	kg	4.00				
	Common Wire Nails	kg	11.00				
	Concrete Nails	kg	4.00				
	Sub-total						
I	Electrical Works	lot	1.00				
	<i>Roughing-ins</i>						
	Moldflex 1/2"	roll	2.00				
	RSC 20mmØ	pc	1.00				
	Entrance Cap 20mm dia.	pc	1.00				
	Junction Box, 4" x 4"	pc	12.00				
	Utility Box, 2" x 4"	pc	36.00				
	<i>Wires & Fixtures</i>						
	2.0 mm2 THW Wire, Stranded	m	400.00				
	3.5 mm2 THW Wire, Stranded	m	75.00				
	5.5 mm2 THW Wire, Stranded	m	60.00				
	Duplex C.O. with Plate	pc	8.00				
	Single Switch with Plate	pc	2.00				
	2-Gang Switch with Plate	pc	2.00				
	FL 2 x 40W Industrial Type	set	12.00				
	Incandescent Bulb	set	2.00				
	Circuit Breaker, 15A 2P	set	2.00				
	Circuit Breaker, 25A 2P	set	1.00				
	Circuit Breaker, 45A 2P	set	1.00				
	Panel Box, Flush Type, 4 Branches	set	1.00				
	Electrical Tape	pc	2.00				
	Sub-total						
J	Doors & Windows	lot	1.00				
	Removal of Door with Jamb	set	2.00				
	Removal of Window with Jamb	sq.m	24.00				
	Steel Door 1.00m x 2.10m complete with accessories, see attached design	set	2.00				
	Flush Door 0.60m x 2.10m (with door jamb and complete accessories)	sets	2.00				
	Aluminum Analoc Windows (see attached design), with complete accessories	sq.m.	15.12				
	4.5mm x 25mm Flat Bar	pcs	10.00				
	10mm square bar	pcs	26.00				
	Red Oxide Primer	gal	2.00				
	Sub-total						
K	Painting Works	sq.m.	379.74				
	Concrete surfaces	sq.m	196.28				

box 2/11

	Latex, Flat	gal	16.00				
	Latex, Semi Gloss	gal	8.00				
	Putty Filler	gal	6.00				
	Paint Brush 2"	pc	4.00				
	Paint Roller with pan	sets	4.00				
	Steel Brush	pc	2.00				
	Sand Paper #80	pc	30.00				
	Wood & Metal Surfaces	sq.m	183.46				
	Enamel, Flatwall	gal	15.00				
	Enamel, Semi Gloss	gal	2.00				
	Glazing Putty	gal	7.00				
	Paint Thinner	gal	4.00				
	Paint Brush 2"	pc	2.00				
	Paint Roller with pan	pc	4.00				
	Sand Paper #100	pc	15.00				
	Sub-total						
L	Plumbing Works	lot	1.00				
	PP-R Pipe 1/2"Ø	pc	7.00				
	PP-R Coupling, 1/2"Ø	pc	2.00				
	PP-R Tee, 1/2"Ø	pc	6.00				
	PP-R Elbow 90o x 1/2"Ø	pc	6.00				
	PP-R Plug, 1/2"Ø	pc	1.00				
	Gate Valve, 1/2"Ø	pc	1.00				
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	2.00				
	Water Closet , pozzi or equivalent	set	2.00				
	Lavatory with pedestal, pozzi or equivalent	set	2.00				
	S.S.Floor Drain 4' x 4"	pc	2.00				
	Teflon Tape	roll	1.00				
	Tissue Holder	pc	2.00				
	Soap Holder	pc	2.00				
	PP-R Adaptor Female Thread 1/2"Ø	pc	2.00				
	Sub-total						
M	Sanitary Works	lot	1.00				
	uPVC Sanitary Pipe 2"Ø	pc	3.00				
	uPVC Sanitary Pipe 4"Ø	pc	6.00				
	uPVC Elbow 90o x 2"Ø	pc	6.00				
	uPVC Elbow 90o x 4"Ø	pc	6.00				
	uPVC Elbow 1/8 x 2"Ø	pc	2.00				
	uPVC Elbow 1/8 x 4"Ø	pc	2.00				
	uPVC Tee 2" x 2"	pc	2.00				
	uPVC Tee 4" x 4"	pc	1.00				
	uPVC P-Trap 2"	pc	2.00				
	Three Chamber Septic Vault, see attached design	unit	1.00				
	PVC Cement	can	2.00				
	Sub-total						
N	Tile Works	sq.m.	118.02				
	Concrete Chipping	sq.m.	105.12				
	Unglazed Floor Tiles 20cm x 20cm	pc	76.00				
	Unglazed Floor Tiles 40cm x 40cm	pc	665.00				
	Glazed Wall Tiles 20cm x 30cm	pc	175.00				
	Tile Grout 2 kg/bag	bag	6.00				
	Tile Adhesive 25 kg/bag	bag	8.00				
	Portland Cement	bags	40.00				
	Fine Sand	cu.m.	6.00				
	Sub-total						
	DPWH BUILDING, 1STY 6CLASSROOMS						
A	Earthworks	cu.m	1.26				
	Demolition of reinforced concrete	cu.m	1.08				
	Structural Excavation	cu.m	1.26				

BOR 3/11

	Gravel Bedding G-1	cu.m	0.06				
	Sub-total						
B	Concreting Works	Cu.m	0.86				
	Portland Cement	bag	8.00				
	Crushed Gravel 3/4"	cu.m	0.86				
	Washed Sand	cu.m	0.43				
	Sub-total						
C	Rebar Works	kg	88.80				
	Deformed Round Bars	kg	88.80				
	G.I. Tie Wire	kg	1.00				
	Sub-total						
E	Masonry Works (Class A Mixture)	sq.m.	70.50				
	Demolition of Masonry Wall	sq.m	22.20				
	Portland Cement	bag	67.00				
	Washed Sand	cu.m	3.07				
	CHB 4" thk	pc	487.00				
	CHB 5" thk	pc	395.00				
	10mm x 6m RSB	kg	188.70				
	G.I. Tie Wire	kg	5.00				
	PLASTERING(class A @ 20mm thick)	sq.m.	169.20				
	Portland Cement	bag	61.00				
	Washed Sand	cu.m	3.38				
	Sub-total						
G	Roofing Works	sq.m.	498.89				
	Removal of Roofing Sheets	sq.m	426.00				
	Removal of Ridge Roll	pc	22.00				
	Removal of Flashing	pc	8.00				
	Removal of Fascia Board	pc	38.00				
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	lm	457.00				
	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	22.00				
	Flashing, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	pc	10.00				
	Gutter, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	m	45.00				
	Fascia Board, Wooden (3/4" x 10" Good Lumber)	bd.ft	244.00				
	Teckscrew 2-1/2"	pc	10,976.00				
	Blind Rivets	pc	1,210.00				
	Roof Sealant (elastomeric sealant)	L	8.00				
	Common Wire Nails	kg	6.00				
	G.I. Pipe 2"Ø Sch.40, Heavy Guage	pc	7.00				
	Sub-total						
H	Carpentry Works	lot	1.00				
	Trusses and Members	lot	1.00				
	Removal of Dilapidated Wooden Trusses and Members	bd.ft	490.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	979.00				
	Common Wire Nails	kg	21.6971				
	Ceiling	sq.m.	158.64				
	Removal of Ceiling	sq.m	93.00				
	Plywood, Marine 1/4" x 4' x 8'	pc	55.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	685.00				
	Finishing Nails	kg	4.00				
	Common Wire Nails	kg	13.00				
	Concrete Nails	kg	4.00				
	Blackboards	set	6.00				

BOX 4/11

	Removal of Dilapidated Blackboard & Accs.	set	6.00				
	S4S Lumber, Kiln Dried	bdf	30.72				
	Lawanit, 1/4" thick	pc	12.00				
	Finishing Nails	kg	0.84				
	Common Wire Nails	kg	10.80				
	Concrete Nails	kg	5.00				
	Sub-total						
I	Electrical	lot	1.00				
	<i>Roughing-ins</i>						
	Moldflex 1/2"	roll	6.00				
	RSC 20mmØ	pc	1.00				
	Entrance Cap 20mm dia.	pc	1.00				
	Junction Box, 4" x 4"	pc	42.00				
	Utility Box, 2" x 4"	pc	36.00				
	<i>Wires & Fixtures</i>						
	2.0 mm2 THW Wire, Stranded	m	1,200.00				
	3.5 mm2 THW Wire, Stranded	m	600.00				
	5.5 mm2 THW Wire, Stranded	m	60.00				
	Duplex C.O. with Plate	pc	24.00				
	Single Switch with Plate	pc	6.00				
	2-Gang Switch with Plate	pc	6.00				
	FL 2 x 40W Industrial Type	set	36.00				
	Incandescent Bulb	set	6.00				
	Circuit Breaker, 15A 2P	set	6.00				
	Circuit Breaker, 25A 2P	set	6.00				
	Circuit Breaker, 45A 2P	set	6.00				
	Panel Box, Flush Type, 4 Branches	set	6.00				
	Electrical Tape	pc	6.00				
	Sub-total						
J	Doors & Windows	lot	1.00				
	Removal of Door with Jamb	set	6.00				
	Removal of Window with Jamb	sq.m	76.92				
	Steel Door 1.00m x 2.10m complete with accessories, see attached design	set	6.00				
	Flush Door 0.60m x 2.10m (with door jamb and complete accessories)	sets	6.00				
	Aluminum Analoc Windows (see attached design), with complete accessories	sq.m.	45.36				
	4.5mm x 25mm Flat Bar	pcs	24.00				
	10mm square bar	pcs	63.00				
	Red Oxide Primer	gal	4.00				
	Sub-total						
K	Painting Works	sq.m.	1,076.83				
	<i>Concrete surfaces</i>	sq.m	539.41				
	Latex, Flat	gal	44.00				
	Putty Filler	gal	16.00				
	Latex, Semi Gloss	gal	22.00				
	Paint Brush 2"	pc	8.00				
	Paint Roller with pan	sets	8.00				
	Steel Brush	pc	4.00				
	Sand Paper #80	pc	75.00				
	<i>Wood & Metal Surfaces</i>	sq.m	537.42				
	Enamel, Flatwall	gal	43.00				
	Enamel, Semi Gloss	gal	4.00				
	Glazing Putty	gal	16.00				
	Paint Thinner	gal	11.00				

B08 5/11

	Paint Brush 2"	pc	8.00				
	Paint Roller with pan	pc	8.00				
	Sand Paper #100	pc	45.00				
	Sub-total						
L	Plumbing Works	lot	1.00				
	PP-R Pipe 1/2"Ø	pc	22.00				
	PP-R Coupling, 1/2"Ø	pc	8.00				
	PP-R Tee, 1/2"Ø	pc	15.00				
	PP-R Elbow 90o x 1/2"Ø	pc	18.00				
	PP-R Plug, 1/2"Ø	pc	1.00				
	Gate Valve, 1/2"Ø	pc	1.00				
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	6.00				
	Water Closet , pozzi or equivalent	set	6.00				
	Lavatory with pedestal, pozzi or equivalent	set	6.00				
	S.S.Floor Drain 4' x 4"	pc	6.00				
	Teflon Tape	roll	4.00				
	Tissue Holder	pc	6.00				
	Soap Holder	pc	6.00				
	PP-R Adaptor Female Thread 1/2"Ø	pc	18.00				
	Float Ball Valve - Small	set	1.00				
	Sub-total						
M	Sanitary Works	lot	1.00				
	uPVC Sanitary Pipe 2"Ø	pc	6.00				
	uPVC Sanitary Pipe 4"Ø	pc	18.00				
	uPVC Elbow 90o x 2"Ø	pc	6.00				
	uPVC Elbow 90o x 4"Ø	pc	8.00				
	uPVC Elbow 1/8 x 2"Ø	pc	6.00				
	uPVC Elbow 1/8 x 4"Ø	pc	2.00				
	uPVC Tee 2" x 2"	pc	2.00				
	uPVC Tee 4" x 4"	pc	6.00				
	uPVC P-Trap 2"	pc	6.00				
	Three Chamber Septic Vault	unit	1.00				
	PVC Cement	can	3.00				
	Downspout						
	PVC Pipe 3"Ø	pc	16.00				
	PVC Pipe Elbow 3"Ø	pc	2.00				
	PVC Cement	can	2.00				
	Sub-total						
N	Tile Works	sq.m.	260.94				
	Concrete Chipping	sq.m.	222.50				
	Unglazed Floor Tiles 20cm x 20cm	pc	210.00				
	Unglazed Floor Tiles 40cm x 40cm	pc	1,391.00				
	Glazed Wall Tiles 20cm x 30cm	pc	501.00				
	Tile Grout 2 kg/bag	bag	12.00				
	Tile Adhesive 25 kg/bag	bag	17.00				
	Portland Cement	bags	87.00				
	Fine Sand	cu.m.	13.05				
	Sub-total						
ZONTA BUILDING, 1STY 5CL							
E	Masonry Works (Class A Mixture)	sq.m.	53.24				
	Demolition of Masonry Wall	sq.m	18.29				
	Portland Cement	bag	43.00				
	Washed Sand	cu.m	2.32				
	CHB 5" thk	pc	665.50				
	10mm x 6m RSB	kg	140.60				
	G.I. Tie Wire	kg	3.00				
	PLASTERING(class A @ 20mm thick)	sq.m.	127.78				
	Portland Cement	bag	46.00				
	Washed Sand	cu.m	2.56				

BOX 6/11

	Sub-total						
G	Roofing Works	sq.m.	363.66				
	Removal of Roofing Sheets	sq.m	364.00				
	Removal of Ridge Roll	pc	19.00				
	Removal of Flashing	pc	8.00				
	Removal of Fascia Board	pc	28.00				
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	lm	457.00				
	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	19.00				
	Flashing, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	pc	10.00				
	Gutter, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	m	38.00				
	Fascia Board, Wooden (3/4" x 10" Good Lumber)	bd.ft	214.00				
	Teckscrew 2-1/2"	pc	9,380.00				
	Blind Rivets	pc	418.00				
	Roof Sealant (elastomeric sealant)	L	6.00				
	Common Wire Nails	kg	5.00				
	G.I. Pipe 2"Ø Sch.40 Heavy Gauge	pc	5.00				
	Sub-total						
H	Carpentry Works	lot	1.00				
	<i>Trusses and Members</i>						
	Removal of Trusses and Members	bd.ft	815.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,093.00				
	Common Wire Nails	kg	14.9613				
	Ceiling	sq.m.	394.20				
	Removal of Ceiling	sq.m	198.00				
	Plywood, Marine 1/4" x 4' x 8'	pc	110.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,379.00				
	Finishing Nails	kg	7.00				
	Common Wire Nails	kg	26.00				
	Concrete Nails	kg	7.00				
	Blackboards	set	6.00				
	Removal of Dilapidated Blackboard & Accs.	set	6.00				
	S4S Lumber, Kiln Dried	bdf	25.60				
	Lawanit, 1/4" thick	pc	10.00				
	Finishing Nails	kg	0.70				
	Common Wire Nails	kg	9.00				
	Concrete Nails	kg	5.00				
	Sub-total						
I	Electrical Works	lot	1.00				
	<i>Roughing-ins</i>						
	Moldflex 1/2"	roll	5.00				
	RSC 20mmØ	pc	1.00				
	Entrance Cap 20mm dia.	pc	1.00				
	Junction Box, 4" x 4" G.I.	pc	30.00				
	Utility Box, 2" x 4" G.I.	pc	25.00				
	<i>Wires & Fixtures</i>						
	2.0 mm2 THW Wire, Stranded	m	1,000.00				
	3.5 mm2 THW Wire, Stranded	m	500.00				
	5.5 mm2 THW Wire, Stranded	m	50.00				
	Duplex C.O. with Plate	pc	20.00				
	2-Gang Switch with Plate	pc	5.00				
	FL 2 x 40W Industrial Type	set	30.00				

BOQ 7/11

	Circuit Breaker, 15A 2P	set	5.00				
	Circuit Breaker, 25A 2P	set	5.00				
	Circuit Breaker, 45A 2P	set	5.00				
	Panel Box, Flush Type, 4 Branches	set	5.00				
	Electrical Tape	pc	4.00				
	Sub-total						
J	Doors & Windows	lot	1.00				
	Removal of Door with Jamb	set	5.00				
	Removal of Window with Jamb	sq.m	117.00				
	Steel Door 0.90m x 2.10m complete with accessories	set	5.00				
	Aluminum Analoc Windows (see attached design), with grilles and complete with accessories	sq.m.	63.00				
	4.5mm x 25mm Flat Bar	pcs	26.00				
	10mm square bar	pcs	85.00				
	Red Oxide Primer	gal	2.00				
	Sub-total						
K	Painting Works	sq.m.	1,077.82				
	<i>Concrete surfaces</i>	<i>sq.m</i>	<i>644.20</i>				
	Latex, Flat	gal	52.00				
	Putty Filler	gal	13.00				
	Latex, Semi Gloss	gal	26.00				
	Paint Brush 2"	pc	6.00				
	Roller Brush 6" with pan	pc	6.00				
	Steel Brush	pc	2.00				
	Sand Paper #80	pc	60.00				
	<i>Wood / Metal Surfaces</i>	<i>sq.m</i>	<i>433.62</i>				
	Enamel, Flatwall	gal	22.00				
	Enamel, Semi Gloss	gal	2.00				
	Glazing Putty	gal	15.00				
	Paint Thinner	gal	6.00				
	Paint Brush 2"	pc	4.00				
	Roller Brush 6" with pan	pc	4.00				
	Sand Paper #100	pc	45.00				
	Sub-total						
L	Tile Works	sq.m.	183.68				
	Concrete Chipping	sq.m.	183.68				
	Unglazed Floor Tiles 40cm x 40cm	pc	1,148.00				
	Tile Grout 2 kg/bag	bag	9.00				
	Tile Adhesive 25 kg/bag	bag	12.00				
	Portland Cement	bags	61.00				
	Fine Sand	cu.m.	9.18				
	Sub-total						
IMELDA BUILDING, 2STY 14CLASSROOMS							
A	Earthworks (Canal)	Cu.m	69.58				
	Structural Excavation/Site Levelling	cu.m	69.58				
	Gravel Bedding G-1	cu.m	1.60				
	Sub-total						
B	Concreting Works	Cu.m	4.33				
	Canal	cu.m.	3.68				
	Portland Cement	bag	39.00				
	Crushed Gravel 3/4"	cu.m	4.33				
	Washed Sand	cu.m	2.17				
	Counter	cu.m.	0.65				
	Portland Cement	bag	6.00				
	Crushed Gravel 3/4"	cu.m	0.65				
	Washed Sand	cu.m	0.33				
	Sub-total						

BOB 8/11

C	Rebar Works (canal & Counter)	kg	133.20				
	Deformed Round Bars	kg	133.20				
	G.I. Tie Wire	kg	4.00				
	Sub-total						
D	Scaffolding	lot	1.00				
	H-Frame Rental	sets	250.00				
	H-Frame Installation	sets	250.00				
	Sub-total						
E	Masonry Works (Class A Mixture)	sq.m.	68.92				
	Demolition of Masonry Wall	sq.m	23.50				
	Portland Cement	bag	55.00				
	Washed Sand	cu.m	3.00				
	CHB 4" thk	pc	862.00				
	10mm x 6m RSB	kg	185.00				
	G.I. Tie Wire	kg	5.00				
	PLASTERING(class A @ 20mm thick)	sq.m.	165.40				
	Portland Cement	bag	60.00				
	Washed Sand	cu.m	3.31				
	Sub-total						
G	Roofing Works	sq.m.	371.00				
	Removal of Roofing Sheets	sq.m	371.00				
	Removal of Ridge Roll	pc	12.00				
	Removal of Flashing	pc	7.00				
	Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm thk	lm	390.00				
	Ridge Roll, Pre-Painted, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	12.00				
	Flashing, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	pc	7.00				
	Gutter, Pre-Painted, Spanish, 0.610m x 2.440m x 0.4mm thk	m	23.00				
	Teckscrew 2-1/2"	pc	8,159.00				
	Blind Rivets	pc	759.00				
	Roof Sealant (elastomeric sealant)	L	4.00				
	Sub-total						
H	Carpentry Works	lot	1.00				
	Wooden Flooring	lot	1.00				
	Removal of T&G Flooring	bd.ft	2,413.00				
	1"x4" T&G Planks	L.Ft	2,413.00				
	Lumber, Hard Wood (2x8)	bd.ft	1,224.8633				
	CWN, Assorted	kg	26.00				
	Finishing Nails, Assorted	kg	27.00				
	Ceiling	sq.m.	401.87				
	Removal of Ceiling	sq.m	402.00				
	Plywood, Marine 1/4" x 4' x 8'	pc	140.00				
	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,656.00				
	Finishing Nails	kg	9.00				
	Common Wire Nails	kg	31.00				
	Concrete Nails	kg	8.19415				
	Blackboards	set	6.00				
	Removal of Dilapidated Blackboard & Accs.	set	6.00				
	S4S Lumber, Kiln Dried	bdft	71.68				
	Lawanit, 1/4" thick	pc	28.00				
	Finishing Nails	kg	1.96				
	Common Wire Nails	kg	25.20				
	Concrete Nails	kg	13.00				
	Sub-total						

Box 9/11

I	Electrical	lot	1.00				
	<i>Roughing-ins</i>						
	Moldflex 1/2"	roll	10.00				
	RSC 20mmØ	pc	1.00				
	Entrance Cap 20mm dia.	pc	1.00				
	Junction Box, 4" x 4"	pc	104.00				
	Utility Box, 2" x 4"	pc	50.00				
	<i>Wires & Fixtures</i>						
	2.0 mm2 THW Wire, Stranded	m	1,800.00				
	3.5 mm2 THW Wire, Stranded	m	1,100.00				
	5.5 mm2 THW Wire, Stranded	m	60.00				
	Duplex C.O. with Plate	pc	28.00				
	Single Switch with Plate	pc	2.00				
	2-Gang Switch with Plate	pc	18.00				
	3-Way Switch with Plate	set	2.00				
	FL 2 x 40W Industrial Type	set	88.00				
	FL 1 x 40W Industrial Type	set	16.00				
	Circuit Breaker, 15A 2P	set	14.00				
	Circuit Breaker, 25A 2P	set	4.00				
	Circuit Breaker, 75A 2P	set	2.00				
	Panel Box, Flush Type, 10 Branches	set	2.00				
	Electrical Tape	pc	8.00				
	Sub-total						
J	Doors & Windows	lot	1.00				
	Removal of Door with Jamb	set	18.00				
	Removal of Window with Jamb	sq.m	222.83				
	Steel Door 1.00m x 2.10m complete with accessories, see attached design (with transom)	set	14.00				
	Panel Door 0.70m x 2.10m (with door jamb and complete accessories)	sets	4.00				
	Hollow Core Door 0.60m x 1.50m (with door jamb and complete accessories)	sets	22.00				
	Aluminum Analoc Windows (see attached design), with complete accessories	sq.m.	220.00				
	4.5mm x 25mm Flat Bar	pcs	66.00				
	10mm square bar	pcs	391.00				
	Red Oxide Primer	gal	9.00				
	Sub-total						
K	Painting Works	sq.m.	3,113.59				
	<i>Concrete surfaces</i>	sq.m	1,603.07				
	Latex, Flat	gal	129.00				
	Putty Filler	gal	46.00				
	Paint Brush 2"	pc	16.00				
	Paint Roller with pan	sets	16.00				
	Steel Brush	pc	6.00				
	Sand Paper #80	pc	115.00				
	<i>Wood & Metal Surfaces</i>	sq.m	1,510.52				
	Enamel, Flatwall	gal	121.00				
	Enamel, Semi Gloss	gal	9.00				
	Glazing Putty	gal	44.00				
	Paint Thinner	gal	31.00				
	Paint Brush 2"	pc	10.00				
	Paint Roller with pan	pc	10.00				
	Sand Paper #100	pc	90.00				
	Sub-total						
L	Plumbing Works	lot	1.00				
	PP-R Pipe 1/2"Ø	pc	45.00				
	PP-R Coupling, 1/2"Ø	pc	8.00				

~~500~~ 10/11

	PP-R Tee, 1/2"Ø	pc	28.00					
	PP-R Elbow 90o x 1/2"Ø	pc	36.00					
	PP-R Plug, 1/2"Ø	pc	2.00					
	Gate Valve, 1/2"Ø	pc	2.00					
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	28.00					
	Water Closet , pozzi or equivalent	set	24.00					
	Lavatory with faucet and fittings (Large)	set	12.00					
	S.S.Floor Drain 4' x 4"	pc	32.00					
	Teflon Tape	roll	10.00					
	PP-R Adaptor Female Thread 1/2"Ø	pc	64.00					
	Stainless Water Tank with Stand (12 drums)	set	2.00					
	Float Ball Valve - Small	set	2.00					
	SS Grab Rail 1-1/2" diameter x 0.45m	set	2.00					
	Mirror	sq.ft.	64.00					
	Sub-total							
M	Sanitary Works	lot	1.00					
	uPVC Sanitary Pipe 2"Ø	pc	14.00					
	uPVC Sanitary Pipe 4"Ø	pc	32.00					
	uPVC Elbow 90o x 2"Ø	pc	16.00					
	uPVC Elbow 90o x 4"Ø	pc	22.00					
	uPVC Elbow 1/8 x 2"Ø	pc	6.00					
	uPVC Elbow 1/8 x 4"Ø	pc	8.00					
	uPVC Tee 2" x 2"	pc	14.00					
	uPVC Tee 4" x 4"	pc	20.00					
	uPVC P-Trap 2"	pc	12.00					
	Three Chamber Septic Vault	unit	1.00					
	PVC Cement	can	4.00					
	Downspout							
	PVC Pipe 3"Ø	pc	45.00					
	PVC Pipe Elbow 3"Ø	pc	54.00					
	PVC Cement	can	4.00					
	Sub-total							
N	Tile Works	sq.m.	499.27					
	Concrete Chipping	sq.m.	499.27					
	Unglazed Floor Tiles 20cm x 20cm	pc	2,139.00					
	Unglazed Floor Tiles 40cm x 40cm	pc	1,737.00					
	Glazed Wall Tiles 20cm x 30cm	pc	2,264.00					
	Tile Grout 2 kg/bag	bag	16.00					
	Tile Adhesive 25 kg/bag	bag	33.00					
	Portland Cement	bags	166.00					
	Fine Sand	cu.m.	24.96					
	1" Granite Slab (China, dark colored)	sq.m.	6.60					
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST ____% of (I-General Requirements)							
III.	TAX 5% of (I+II)							
IV.	TOTAL CONSTRUCTION COST (I+II+III)							

~~100~~ 11/11