

Republic of the Philippines  
Department of Public Works and Highways  
Bureau : DPWH  
Region : IX  
District/City : Zamboanga City  
**PROGRAM OF WORK**  
(For all types of Project)

Date :

NAME/LOCATION OF PROJECT : PROPOSED CONSTRUCTION OF EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY	Appropriation : <b>P 35,460,000.00</b>
	Source of Funds : _____
	Issued Obligated Authority : _____
	Released : _____
PROJECT CATEGORY :  BUILDING	Cal. Days to Complete : <b>180 Calendar Days</b>
	Desirable Starting Date : <b>Upon Approval</b>
	Mode of Implementation : <b>By Contract</b>
PROJECT DESCRIPTION : Scope of Work : Construction	

MINIMUM EQUIPMENT REQUIREMENT :		TECHNICAL PERSONNEL REQUIRED :	
Description	No.	Description	No.
One-Bagger Mixer	3	Project Engineer	1
Concrete Vibrator	4	Material Engineer	1
Bar Cutter	2	Construction Foreman	1
Bar Bender	2	Carpenter	30
Welding Machine	3	Steelman	30
Tile Cutter	4	Tinsmith	30
		Mason	30
		Plumber	10
		Electrician	10
		Laborer	55

ESTIMATED COST OF PROPOSED WORK						
ITEM NO.	DESCRIPTION	% OF TOTAL	UNIT	QUANTITY	DIRECT COST	
					TOTAL	UNIT COST

PROPOSED TWO-STOREY ACCOMODATION BUILDING						
800	Clearing and Grubbing	0.05%	L.S	1.00	13,313.26	13,313.26
803	Excavation of Footing	0.84%	cu. m.	575.61	232,193.98	403.39
804	Embankment	0.30%	cu. m.	220.62	84,131.36	381.34
804(a)	Backfilling of Excavated Materials	0.10%	cu. m.	529.53	28,244.02	53.34
900	Structural Concrete (Class "A") 21 Mpa	6.81%	cu. m.	401.28	1,892,274.83	4,715.61
902	Reinforcing Steel	7.25%	kgs.	37,799.47	2,015,174.03	53.31
903	Forms and Falsework	2.60%	L.S	1.00	721,881.80	721,881.80
1001	Plumbing Works	0.98%	L.S	1.00	271,509.92	271,509.92
1003(d)	Ceiling Works	1.68%	sq.m.	477.96	467,762.67	978.66
1005	Steel Awning Window	0.84%	L.S	1.00	233,327.28	233,327.28
1007	Aluminum Glass Doors	0.47%	L.S	1.00	131,248.79	131,248.79
1010	Doors	0.47%	L.S	1.00	129,834.92	129,834.92
1014	Pre-painted Metal Roofing	0.73%	sq. m.	378.47	203,673.47	538.15
1016	Waterproofing	0.56%	sq. m.	269.05	156,945.61	583.33
1018(a)	Tile Works (Granite Tiles)	1.86%	sq.m.	596.84	517,940.61	867.80
1018(b)	Tile Works (Unglazed Tiles)	0.12%	sq.m.	37.52	34,475.19	918.81
1027	Cement Plaster Finish	1.64%	sq.m.	2,134.94	456,239.68	213.70
1032 (a-1)	Masonry Painting	1.54%	sq. m.	4,483.37	428,442.78	95.56
1032 (a-2)	Wooden Painting	0.17%	sq.m.	379.89	48,205.31	126.89
1046	Masonry Works (Concrete Hollow Blocks)	2.88%	sq.m.	841.52	800,963.97	951.81
1047	Steel Trusses	3.69%	kgs.	11,468.85	1,024,312.56	89.31
1051	Railings	1.56%	L.S	1.00	433,396.40	433,396.40
1100	Conduit, Boxes and Fittings	1.00%	ln.m	1,344.00	277,566.32	206.52
1101	Wires and Wiring Devices	1.94%	ln.m	4,255.00	538,123.07	126.47
1102	Power Load Center, switch Gear & Panel Boards	0.17%	set	5.00	46,451.35	9,290.27
1103	Lighting Fixtures	0.83%	set	196.00	229,890.46	1,172.91
F.E.A.1.5	Construction Safety and Health Program	0.49%	L.S	1.00	136,687.40	136,687.40

PROPOSED ONE-STOREY MALE TOILET AND BATH BUILDING						
800	Clearing and Grubbing	0.03%	L.S	1.00	7,369.65	7,369.65
803	Excavation of Footing	0.05%	cu. m.	29.55	13,612.34	460.60
804	Embankment	0.06%	cu. m.	40.00	15,334.44	383.36
804(a)	Backfilling of Excavated Materials	0.00%	cu. m.	20.78	1,150.51	55.36
900	Structural Concrete (Class "A") 21 Mpa	0.54%	cu. m.	28.47	148,835.40	5,226.92
902	Reinforcing Steel	0.37%	kgs.	1,770.90	101,843.46	57.51
903	Forms and Falsework	0.38%	L.S	1.00	105,688.72	105,688.72
1001	Plumbing Works	0.80%	L.S	1.00	221,753.49	221,753.49
1003(d)	Ceiling Works	0.29%	sq.m.	74.03	81,483.26	1,100.75
1006	Steel Awning Window	0.16%	set	1.00	43,650.33	43,650.33
1010	Doors	0.11%	L.S	1.00	31,395.69	31,395.69
1014	Pre-painted Metal Roofing	0.16%	sq. m.	80.65	45,296.18	561.66
1016	Waterproofing	0.10%	sq. m.	45.30	26,781.80	591.21
1018(a)	Tile Works (Granite Tiles)	0.15%	sq.m.	35.06	41,698.03	1,189.33
1018(b)	Tile Works (Unglazed Tiles)	0.41%	sq.m.	136.64	112,870.66	826.04
1027	Cement Plaster Finish	0.47%	sq.m.	588.50	131,907.01	224.14
1032 (a-1)	Masonry Painting	0.37%	sq. m.	979.60	103,937.72	106.10
1032 (a-2)	Wooden Painting	0.05%	sq.m.	74.03	14,349.81	193.85
1046	Masonry Works (Concrete Hollow Blocks)	0.97%	sq.m.	285.02	268,452.94	941.88
1047	Steel Trusses	0.75%	kgs.	2232.60	208,661.64	93.46
1051	Railings	0.51%	L.S	1.00	141,464.60	141,464.60
1100	Conduit, Boxes and Fittings	0.10%	ln.m	135.00	28,009.05	207.47
1101	Wires and Wiring Devices	0.07%	ln.m	322.00	18,098.16	56.21
1102	Power Load Center, switch Gear & Panel Boards	0.02%	set	2.00	6,500.54	3,250.27
1103	Lighting Fixtures	0.15%	set	41.00	41,096.54	1,002.35
PROPOSED ONE-STOREY FEMALE TOILET AND BATH BUILDING						
800	Clearing and Grubbing	0.03%	L.S	1.00	7,369.65	7,369.65
803	Excavation of Footing	0.05%	cu. m.	28.15	12,964.13	460.60
804	Embankment	0.06%	cu. m.	40.00	15,334.44	383.36
804(a)	Backfilling of Excavated Materials	0.00%	cu. m.	20.78	1,150.51	55.36
900	Structural Concrete (Class "A") 21 Mpa	0.54%	cu. m.	28.47	148,835.40	5,226.92
902	Reinforcing Steel	0.37%	kgs.	1770.90	101,843.46	57.51
903	Forms and Falsework	0.38%	L.S	1.00	105,688.72	105,688.72
1001	Plumbing Works	0.76%	L.S	1.00	210,483.49	210,483.49
1003(d)	Ceiling Works	0.29%	sq.m.	74.03	81,483.26	1,100.75
1006	Steel Awning Window	0.16%	L.S	1.00	43,650.33	43,650.33
1010	Doors	0.11%	L.S	1.00	31,395.69	31,395.69
1014	Pre-painted Metal Roofing	0.16%	sq. m.	80.65	45,296.18	561.66
1016	Waterproofing	0.10%	sq. m.	45.30	26,781.80	591.21
1018(a)	Tile Works (Granite Tiles)	0.15%	sq.m.	35.06	41,698.03	1,189.33
1018(b)	Tile Works (Unglazed Tiles)	0.41%	sq.m.	136.64	112,870.66	826.04
1027	Cement Plaster Finish	0.47%	sq.m.	588.50	131,907.01	224.14
1032 (a-1)	Masonry Painting	0.37%	sq. m.	979.60	103,937.72	106.10
1032 (a-2)	Wooden Painting	0.05%	sq.m.	74.03	14,349.81	193.85
1046	Masonry Works (Concrete Hollow Blocks)	0.97%	sq.m.	285.02	268,452.94	941.88
1047	Steel Trusses	0.75%	kgs.	2232.60	208,661.64	93.46
1051	Railings	0.51%	L.S	1.00	141,464.60	141,464.60
1100	Conduit, Boxes and Fittings	0.10%	ln.m	135.00	28,009.05	207.47
1101	Wires and Wiring Devices	0.08%	ln.m	390.00	20,920.40	53.64
1102	Power Load Center, switch Gear & Panel Boards	0.02%	set	2.00	6,500.54	3,250.27
1103	Lighting Fixtures	0.15%	set	41.00	41,096.54	1,002.35
TWO-STOREY INFIRMARY BUILDING						
800	Clearing and Grubbing	0.04%	L.S	1.00	11,054.47	11,054.47
803	Excavation of Footing	0.23%	cu. m.	146.75	63,478.42	432.56

804	Embankment	0.13%	cu. m.	90.00	34,805.87	386.73
804(a)	Backfilling of Excavated Materials	0.02%	cu. m.	98.66	5,129.23	51.99
900	Structural Concrete (Class "A") 21 Mpa	2.42%	cu. m.	136.79	673,390.10	4,922.66
902	Reinforcing Steel	2.38%	kgs.	11306.74	660,328.20	58.40
903	Forms and Falsework	1.61%	L.S	1.00	447,425.40	447,425.40
1001	Plumbing Works	0.92%	L.S	1.00	255,541.96	255,541.96
1003(d)	Ceiling Works	1.23%	sq.m.	268.61	342,749.80	1,276.02
1005	Steel Awning Window	0.36%	L.S	1.00	101,319.08	101,319.08
1007	Aluminum Glass Doors	0.09%	L.S	1.00	26,136.90	26,136.90
1010	Doors	0.24%	L.S	1.00	67,411.63	67,411.63
1014	Pre-painted Metal Roofing	0.29%	sq. m.	138.93	79,488.38	572.16
1016	Waterproofing	0.21%	sq. m.	99.00	58,529.77	591.21
1018(a)	Tile Works (Granite Tiles)	0.86%	sq.m.	254.97	238,533.56	935.52
1018(b)	Tile Works (Unglazed Tiles)	0.19%	sq.m.	60.89	52,317.62	859.21
1027	Cement Plaster Finish	1.11%	sq.m.	1345.79	309,726.24	230.15
1032 (a-1)	Masonry Painting	0.97%	sq. m.	2691.57	270,488.47	100.49
1032 (a-2)	Wooden Painting	0.12%	sq.m.	268.61	32,588.97	121.33
1046	Masonry Works (Concrete Hollow Blocks)	1.68%	sq.m.	487.81	465,429.15	954.12
1047	Steel Trusses	1.74%	kgs.	4570.85	484,044.04	105.90
1051	Railings	0.83%	L.S	1.00	230,685.60	230,685.60
1100	Conduit, Boxes and Fittings	0.35%	ln.m	423.00	96,853.69	228.97
1101	Wires and Wiring Devices	0.35%	ln.m	1280.00	98,182.19	76.70
1102	Power Load Center, switch Gear & Panel Boards	0.06%	set	2.00	17,200.54	8,600.27
1103	Lighting Fixtures	0.25%	set	53.00	69,185.16	1,305.38
F.E.A.1.5	Construction Safety and Health Program	0.36%	L.S	1.00	99,924.64	99,924.64
<b>THREE-STOREY LAUNDRY AND DRYING BUILDING</b>						
800	Clearing and Grubbing	0.04%	L.S	1.00	11,054.47	11,054.47
803	Excavation of Footing	0.13%	cu. m.	78.73	36,265.23	460.60
804(a)	Backfilling of Excavated Materials	0.01%	cu. m.	54.50	3,016.95	55.36
804	Embankment	0.05%	cu. m.	33.24	13,078.18	393.47
900	Structural Concrete (Class "A") 21 Mpa	1.26%	cu. m.	71.46	349,562.31	4,891.77
902	Reinforcing Steel	1.87%	kgs.	8221.48	520,922.51	63.36
903	Forms and Falsework	0.80%	L.S	1.00	223,104.04	223,104.04
1001	Plumbing Works	2.04%	L.S	1.00	565,501.56	565,501.56
1006	Steel Ladder	0.07%	L.S	1.00	18,548.20	18,548.20
1016	Waterproofing	0.38%	sq. m.	179.17	105,143.70	586.83
1027	Cement Plaster Finish	0.43%	sq.m.	541.26	118,149.69	218.28
1032 (a-1)	Masonry Painting	0.34%	sq. m.	958.60	94,002.11	98.06
1046	Masonry Works (Concrete Hollow Blocks)	0.44%	sq.m.	129.50	122,914.52	949.17
1100	Conduit, Boxes and Fittings	0.07%	ln.m	120.00	20,736.65	172.81
1101	Wires and Wiring Devices	0.08%	ln.m	388.00	21,388.95	55.13
1103	Lighting Fixtures	0.10%	set	23.00	28,755.15	1,250.22
F.E.A.1.5	Construction Safety and Health Program	0.22%	L.S	1.00	60,270.80	60,270.80
<b>PROPOSED ONE-STOREY GENERATOR AND PUMP ROOM</b>						
803	Excavation of Footing	0.02%	cu. m.	7.86	4,279.49	544.74
804	Embankment	0.01%	cu.m.	10.20	4,013.43	393.47
804(a)	Backfilling of Excavated Materials	0.00%	cu. m.	4.75	310.74	65.47
900	Structural Concrete (Class "A") 21 Mpa	0.30%	cu. m.	17.89	83,199.92	4,651.68
902	Reinforcing Steel	0.18%	kgs.	1108.52	50,218.79	45.30
903	Forms and Falsework	0.08%	L.S	1.00	22,609.32	22,609.32
1001	Plumbing Works	0.03%	L.S	1.00	8,314.01	8,314.01
1006	Steel Frames and Doors	0.12%	L.S	1.00	34,485.20	34,485.20
1016	Waterproofing	0.11%	sq. m.	52.00	31,425.98	604.35
1027	Cement Plaster Finish	0.11%	sq.m.	309.60	30,345.74	98.02
1032 (a-1)	Masonry Painting	0.15%	sq. m.	466.48	41,005.25	87.90
1046	Masonry Works (Concrete Hollow Blocks)	0.19%	sq.m.	101.60	53,319.83	524.80
1051	Railings	0.16%	L.S	1.00	44,272.84	44,272.84
1100	Conduit, Boxes and Fittings	0.19%	ln.m	243.00	51,895.40	213.56
1101	Wires and Wiring Devices	0.09%	ln.m	269.00	24,572.53	91.35
1102	Power Load Center, switch Gear & Panel Boards	0.03%	set	2.00	7,868.55	3,934.27
1103	Lighting Fixtures	0.05%	set	14.00	14,985.92	1,070.42

PROPOSED ONE-STOREY GARBAGE DISPOSAL BUILDING						
803	Excavation of Footing	0.02%	cu. m.	10.18	5,545.47	544.74
804	Embankment	0.01%	cu. m.	3.80	1,572.06	413.70
804(a)	Backfilling of Excavated Materials	0.00%	cu. m.	6.37	416.74	65.47
900	Structural Concrete (Class "A") 21 Mpa	0.36%	cu. m.	21.12	99,126.69	4,692.61
902	Reinforcing Steel	0.17%	kgs.	1036.15	47,002.87	45.36
903	Forms and Falsework	0.08%	L.S	1.00	22,163.24	22,163.24
1006	Steel Frames and Doors	0.09%	L.S	1.00	24,315.36	24,315.36
1027	Cement Plaster Finish	0.13%	sq.m.	372.94	36,367.11	97.51
1032 (a-1)	Masonry Painting	0.08%	sq. m.	191.80	23,471.87	122.38
1046	Masonry Works (Concrete Hollow Blocks)	0.18%	sq.m.	91.13	48,858.27	536.14
1100	Conduit, Boxes and Fittings	0.02%	ln.m	33.00	6,618.00	200.55
1101	Wires and Wiring Devices	0.02%	ln.m	109.00	4,540.96	41.66
1103	Lighting Fixtures	0.01%	set	3.00	2,286.41	762.14
PROPOSED CISTERN TANK (4.00 x 6.00 x 2.50 m )						
803	Excavation	0.11%	cu. m.	60.00	29,318.96	488.65
900	Structural Concrete (Class "A") 21 Mpa	0.63%	cu. m.	38.92	176,279.89	4,529.11
902	Reinforcing Steel	0.32%	kgs.	1828.19	89,314.37	48.85
1001	Plumbing Works	0.04%	L.S	1.00	10,650.98	10,650.98
1006	Steel Frames	0.18%	L.S	1.00	49,964.12	49,964.12
PROPOSED SEPTIC TANK (7.60 x 2.80 x 2.00 m)						
803	Excavation	0.07%	cu. m.	42.56	20,796.92	488.65
900	Structural Concrete (Class "A") 21 Mpa	0.16%	cu. m.	9.51	43,247.75	4,546.17
902	Reinforcing Steel	0.13%	kgs.	718.42	35,097.90	48.85
1001	Plumbing Works	0.01%	L.S	1.00	3,231.08	3,231.08
1046	Masonry Works (Concrete Hollow Blocks)	0.15%	sq.m.	45.41	42,010.12	925.17
PROPOSED SEPTIC TANK (5.60 x 2.80 x 1.80 m)						
803	Excavation of Footing	0.05%	cu. m.	28.22	13,791.64	488.65
900	Structural Concrete (Class "A") 21 Mpa	0.11%	cu. m.	6.69	30,798.91	4,604.76
902	Reinforcing Steel	0.10%	kgs.	551.92	26,963.59	48.85
1001	Plumbing Works	0.01%	L.S	1.00	2,613.08	2,613.08
1046	Masonry Works (Concrete Hollow Blocks)	0.12%	sq.m.	36.23	34,283.54	946.29
PROPOSED SEPTIC TANK (5.60 x 1.50 x 1.80 m)						
803	Excavation	0.03%	cu. m.	16.80	8,209.31	488.65
900	Structural Concrete (Class "A") 21 Mpa	0.07%	cu. m.	4.10	19,526.00	4,768.25
902	Reinforcing Steel	0.06%	kgs.	337.10	16,468.80	48.85
1001	Plumbing Works	0.01%	L.S	1.00	2,613.08	2,613.08
1046	Masonry Works (Concrete Hollow Blocks)	0.09%	sq.m.	27.08	25,679.27	948.20
PROPOSED SEPTIC TANK (2.00 x 1.20 x 1.50 m)						
803	Excavation of Footing	0.01%	cu. m.	3.60	1,759.14	488.65
900	Structural Concrete (Class "A") 21 Mpa	0.05%	cu. m.	3.28	15,154.40	4,625.89
902	Reinforcing Steel	0.05%	kgs.	271.25	13,251.47	48.85
1001	Plumbing Works	0.01%	L.S	1.00	2,304.08	2,304.08
1046	Masonry Works (Concrete Hollow Blocks)	0.08%	sq.m.	22.86	21,074.62	921.80
PROPOSED GENERATOR AND WATER PUMP SET						
1100	Conduit, Boxes and Fittings	0.13%	ln.m	30.00	37,143.90	1,238.13
1101	Wires and Wiring Devices	0.36%	ln.m	240.00	98,950.86	412.30
1102	Panel Board and Cabinets	0.01%	set	1.00	4,100.27	4,100.27
SPL	Installation of Generator Set and water Pump	6.02%	set	1.00	1,672,401.08	1,672,401.08
PROPOSED PERIMETER FENCING (2.25 m high, Unfinished)						
803	Excavation of Footing	0.09%	cu. m.	56.80	25,208.39	443.78
900	Structural Concrete (Class "A") 21 Mpa	0.56%	cu. m.	33.50	156,299.32	4,666.35
902	Reinforcing Steel	0.45%	kgs.	2621.39	126,328.55	48.19
1046	Masonry Works (Concrete Hollow Blocks)	1.00%	sq.m.	515.84	278,408.28	539.72
GENERAL REQUIREMENTS						
FE A1.1a	Bunkhouse, (7.00m x 9.00m )	1.71%	L.S	1.00	474,253.55	474,253.55
F.E.A.1.4	Project Billboard	0.02%	L.S	1.00	4,272.36	4,272.36
SPL-1	Mobilization/Demobilization	0.97%	L.S	1.00	270,633.60	270,633.60
<b>TOTAL</b>		100.00%			<b>P 27,783,774.28</b>	

NAME OF PROJECT : PROPOSED CONSTRUCTION OF EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

BREAKDOWN OF ESTIMATED EXPENDITURES	% OF TOTAL	AMOUNT
I. ESTIMATED COST		
A. DIRECT COST		
A.1. Materials	56.75%	20,123,810.13
A.2. Labor	14.13%	5,010,177.40
A.3. Equipment Expenses	7.47%	2,649,786.76
SUB-TOTAL (DIRECT COST)	78.35%	P 27,783,774.28
B. INDIRECT COST (Per D.O. # 197 s2016)		
B.1. Overhead, Contingency & Misc.	8.74%	3,100,888.75
B.2. Contractor's Profit	6.21%	2,201,051.25
C. VAT (5% of D.C. and I.C.)	4.67%	1,654,285.71
SUBTOTAL (CONTRACT COST)	97.97%	P 34,740,000.00
II. ESTIMATED GOVERNMENT EXPENDITURES		
1. Engineering and Administrative Overhead (3.50%)	2.03%	720,000.00
2. Detailed Engineering (1%)		
3. Reserved for the Payment of RROW		
4. Physical Reserved		
TOTAL ESTIMATED PROJECT COST	100.00%	P 35,460,000.00

Prepared:

**JULMALI A. AHİYAL, JR.**

Engineer I

Checked:

**PIO MARIO T. LACASTESANTOS**

Chief, BOPWS

Submitted:

**SATURNINO C. TORREFRANCA**

OIC-Chief, Planning and Design Division

Recommending Approval:

**CAYAMOMBAO D. DIA**

Assistant Regional Director

Approved:

**JORGE U. SEBASTIAN, JR., CESO III**

Regional Director

**APPROVED BUDGET FOR THE CONTRACT**  
**PROPOSED CONSTRUCTION OF EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY**

Contract Duration : **180 Calendar Days**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
					(6)	(7)	(8)	(9)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>PROPOSED TWO-STOREY ACCOMODATION BUILDING</b>												
800	Clearing and Grubbing	1.00	L.S	13,313.26	12.00	8.00	20.00	2,662.65	798.80	3,461.45	16,774.70	16,774.70
803	Excavation of Footing	575.61	cu. m.	232,193.98	12.00	8.00	20.00	46,438.80	13,931.64	60,370.43	292,564.41	508.27
804	Embankment	220.62	cu. m.	84,131.36	12.00	8.00	20.00	16,826.27	5,047.88	21,874.15	106,005.51	480.49
804(a)	Backfilling of Excavated Materials	529.53	cu. m.	28,244.02	12.00	8.00	20.00	5,648.80	1,694.64	7,343.45	35,587.47	67.21
900	Structural Concrete (Class "A") 21 Mpa	401.28	cu. m.	1,892,274.83	12.00	8.00	20.00	378,454.97	113,536.49	491,991.46	2,384,266.29	5,941.67
902	Reinforcing Steel	37,799.47	kgs.	2,015,174.03	12.00	8.00	20.00	403,034.81	120,910.44	523,945.25	2,539,119.28	67.17
903	Forms and Falsework	1.00	L.S	721,881.80	12.00	8.00	20.00	144,376.36	43,312.91	187,689.27	909,571.07	909,571.07
1001	Plumbing Works	1.00	L.S	271,509.92	12.00	8.00	20.00	54,301.98	16,290.60	70,592.58	342,102.50	342,102.50
1003(d)	Ceiling Works	477.96	sq.m.	467,762.67	12.00	8.00	20.00	93,552.53	28,065.76	121,618.29	589,380.96	1,233.12
1005	Steel Awning Window	1.00	L.S	233,327.28	12.00	8.00	20.00	46,665.46	13,999.64	60,665.09	293,992.37	293,992.37
1007	Aluminum Glass Doors	1.00	L.S	131,248.79	12.00	8.00	20.00	26,249.76	7,874.93	34,124.69	165,373.48	165,373.48
1010	Doors	1.00	L.S	129,834.92	12.00	8.00	20.00	25,966.98	7,790.10	33,757.08	163,592.00	163,592.00
1014	Pre-painted Metal Roofing	378.47	sq. m.	203,673.47	12.00	8.00	20.00	40,734.69	12,220.41	52,955.10	256,628.57	678.06
1016	Waterproofing	269.05	sq. m.	156,945.61	12.00	8.00	20.00	31,389.12	9,416.74	40,805.86	197,751.47	734.99
1018(a)	Tile Works (Granite Tiles)	596.84	sq.m.	517,940.61	12.00	8.00	20.00	103,588.12	31,076.44	134,664.56	652,605.17	1,093.43
1018(b)	Tile Works (Unglazed Tiles)	37.52	sq.m.	34,475.19	12.00	8.00	20.00	6,895.04	2,068.51	8,963.55	43,438.74	1,157.69
1027	Cement Plaster Finish	2,134.94	sq.m.	456,239.68	12.00	8.00	20.00	91,247.94	27,374.38	118,622.32	574,862.00	269.26
1032 (a-1)	Masonry Painting	4,483.37	sq. m.	428,442.78	12.00	8.00	20.00	85,688.56	25,706.57	111,395.12	539,837.90	120.41
1032 (a-2)	Wooden Painting	379.89	sq.m.	48,205.31	12.00	8.00	20.00	9,641.06	2,892.32	12,533.38	60,738.70	159.88
1046	Masonry Works (Concrete Hollow Blocks)	841.52	sq.m.	800,963.97	12.00	8.00	20.00	160,192.79	48,057.84	208,250.63	1,009,214.61	1,199.28
1047	Steel Trusses	11,468.85	kgs.	1,024,312.56	12.00	8.00	20.00	204,862.51	61,458.75	266,321.27	1,290,633.83	112.53
1051	Railings	1.00	L.S	433,396.40	12.00	8.00	20.00	86,679.28	26,003.78	112,683.06	546,079.46	546,079.46
1100	Conduit, Boxes and Fittings	1,344.00	ln.m	277,566.32	12.00	8.00	20.00	55,513.26	16,653.98	72,167.24	349,733.56	260.22
1101	Wires and Wiring Devices	4,255.00	ln.m	538,123.07	12.00	8.00	20.00	107,624.61	32,287.38	139,912.00	678,035.07	159.35
1102	Power Load Center, switch Gear & Panel Boards	5.00	set	46,451.35	12.00	8.00	20.00	9,290.27	2,787.08	12,077.35	58,528.70	11,705.74
1103	Lighting Fixtures	196.00	set	229,890.46	12.00	8.00	20.00	45,978.09	13,793.43	59,771.52	289,661.98	1,477.87
F.E.A.1.5	Construction Safety and Health Program	1.00	L.S	136,687.40	12.00	8.00	20.00	27,337.48	8,201.24	35,538.72	172,226.12	172,226.12

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
PROPOSED ONE-STOREY MALE TOILET AND BATH BUILDING												
800	Clearing and Grubbing	1.00	L.S	7,369.65	12.00	8.00	20.00	1,473.93	442.18	1,916.11	9,285.76	9,285.76
803	Excavation of Footing	29.55	cu. m.	13,612.34	12.00	8.00	20.00	2,722.47	816.74	3,539.21	17,151.55	580.36
804	Embankment	40.00	cu. m.	15,334.44	12.00	8.00	20.00	3,066.89	920.07	3,986.95	19,321.39	483.03
804(a)	Backfilling of Excavated Materials	20.78	cu. m.	1,150.51	12.00	8.00	20.00	230.10	69.03	299.13	1,449.64	69.75
900	Structural Concrete (Class "A") 21 Mpa	28.47	cu. m.	148,835.40	12.00	8.00	20.00	29,767.08	8,930.12	38,697.20	187,532.60	6,585.91
902	Reinforcing Steel	1,770.90	kgs.	101,843.46	12.00	8.00	20.00	20,368.69	6,110.61	26,479.30	128,322.76	72.46
903	Forms and Falsework	1.00	L.S	105,688.72	12.00	8.00	20.00	21,137.74	6,341.32	27,479.07	133,167.79	133,167.79
1001	Plumbing Works	1.00	L.S	221,753.49	12.00	8.00	20.00	44,350.70	13,305.21	57,655.91	279,409.39	279,409.39
1003(d)	Ceiling Works	74.03	sq.m.	81,483.26	12.00	8.00	20.00	16,296.65	4,889.00	21,185.65	102,668.91	1,386.95
1006	Steel Awning Window	1.00	set	43,650.33	12.00	8.00	20.00	8,730.07	2,619.02	11,349.09	54,999.42	54,999.42
1010	Doors	1.00	L.S	31,395.69	12.00	8.00	20.00	6,279.14	1,883.74	8,162.88	39,558.57	39,558.57
1014	Pre-painted Metal Roofing	80.65	sq. m.	45,296.18	12.00	8.00	20.00	9,059.24	2,717.77	11,777.01	57,073.19	707.70
1016	Waterproofing	45.30	sq. m.	26,781.80	12.00	8.00	20.00	5,356.36	1,606.91	6,963.27	33,745.07	744.92
1018(a)	Tile Works (Granite Tiles)	35.06	sq.m.	41,698.03	12.00	8.00	20.00	8,339.61	2,501.88	10,841.49	52,539.52	1,498.56
1018(b)	Tile Works (Unglazed Tiles)	136.64	sq.m.	112,870.66	12.00	8.00	20.00	22,574.13	6,772.24	29,346.37	142,217.04	1,040.82
1027	Cement Plaster Finish	588.50	sq.m.	131,907.01	12.00	8.00	20.00	26,381.40	7,914.42	34,295.82	166,202.83	282.42
1032 (a-1)	Masonry Painting	979.60	sq. m.	103,937.72	12.00	8.00	20.00	20,787.54	6,236.26	27,023.81	130,961.52	133.69
1032 (a-2)	Wooden Painting	74.03	sq.m.	14,349.81	12.00	8.00	20.00	2,869.96	860.99	3,730.95	18,080.76	244.25
1046	Masonry Works (Concrete Hollow Blocks)	285.02	sq.m.	268,452.94	12.00	8.00	20.00	53,690.59	16,107.18	69,797.77	338,250.71	1,186.77
1047	Steel Trusses	2,232.60	kgs.	208,661.64	12.00	8.00	20.00	41,732.33	12,519.70	54,252.03	262,913.67	117.76
1051	Railings	1.00	L.S	141,464.60	12.00	8.00	20.00	28,292.92	8,487.88	36,780.80	178,245.40	178,245.40
1100	Conduit, Boxes and Fittings	135.00	ln.m	28,009.05	12.00	8.00	20.00	5,601.81	1,680.54	7,282.35	35,291.40	261.42
1101	Wires and Wiring Devices	322.00	ln.m	18,098.16	12.00	8.00	20.00	3,619.63	1,085.89	4,705.52	22,803.68	70.82
1102	Power Load Center, switch Gear & Panel Boards	2.00	set	6,500.54	12.00	8.00	20.00	1,300.11	390.03	1,690.14	8,190.68	4,095.34
1103	Lighting Fixtures	41.00	set	41,096.54	12.00	8.00	20.00	8,219.31	2,465.79	10,685.10	51,781.63	1,262.97
PROPOSED ONE-STOREY FEMALE TOILET AND BATH BUILDING												
800	Clearing and Grubbing	1.00	L.S	7,369.65	12.00	8.00	20.00	1,473.93	442.18	1,916.11	9,285.76	9,285.76
803	Excavation of Footing	28.15	cu. m.	12,964.13	12.00	8.00	20.00	2,592.83	777.85	3,370.67	16,334.81	580.36
804	Embankment	40.00	cu. m.	15,334.44	12.00	8.00	20.00	3,066.89	920.07	3,986.95	19,321.39	483.03
804(a)	Backfilling of Excavated Materials	20.78	cu. m.	1,150.51	12.00	8.00	20.00	230.10	69.03	299.13	1,449.64	69.75
900	Structural Concrete (Class "A") 21 Mpa	28.47	cu. m.	148,835.40	12.00	8.00	20.00	29,767.08	8,930.12	38,697.20	187,532.60	6,585.91
902	Reinforcing Steel	1,770.90	kgs.	101,843.46	12.00	8.00	20.00	20,368.69	6,110.61	26,479.30	128,322.76	72.46
903	Forms and Falsework	1.00	L.S	105,688.72	12.00	8.00	20.00	21,137.74	6,341.32	27,479.07	133,167.79	133,167.79

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								(5) x (8)	5%[(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
1001	Plumbing Works	1.00	L.S	210,483.49	12.00	8.00	20.00	42,096.70	12,629.01	54,725.71	265,209.19	265,209.19
1003(d)	Ceiling Works	74.03	sq.m.	81,483.26	12.00	8.00	20.00	16,296.65	4,889.00	21,185.65	102,668.91	1,386.95
1006	Steel Awning Window	1.00	L.S	43,650.33	12.00	8.00	20.00	8,730.07	2,619.02	11,349.09	54,999.42	54,999.42
1010	Doors	1.00	L.S	31,395.69	12.00	8.00	20.00	6,279.14	1,883.74	8,162.88	39,558.57	39,558.57
1014	Pre-painted Metal Roofing	80.65	sq. m.	45,296.18	12.00	8.00	20.00	9,059.24	2,717.77	11,777.01	57,073.19	707.70
1016	Waterproofing	45.30	sq. m.	26,781.80	12.00	8.00	20.00	5,356.36	1,606.91	6,963.27	33,745.07	744.92
1018(a)	Tile Works (Granite Tiles)	35.06	sq.m.	41,698.03	12.00	8.00	20.00	8,339.61	2,501.88	10,841.49	52,539.52	1,498.56
1018(b)	Tile Works (Unglazed Tiles)	136.64	sq.m.	112,870.66	12.00	8.00	20.00	22,574.13	6,772.24	29,346.37	142,217.04	1,040.82
1027	Cement Plaster Finish	588.50	sq.m.	131,907.01	12.00	8.00	20.00	26,381.40	7,914.42	34,295.82	166,202.83	282.42
1032 (a-1)	Masonry Painting	979.60	sq. m.	103,937.72	12.00	8.00	20.00	20,787.54	6,236.26	27,023.81	130,961.52	133.69
1032 (a-2)	Wooden Painting	74.03	sq.m.	14,349.81	12.00	8.00	20.00	2,869.96	860.99	3,730.95	18,080.76	244.25
1046	Masonry Works (Concrete Hollow Blocks)	285.02	sq.m.	268,452.94	12.00	8.00	20.00	53,690.59	16,107.18	69,797.77	338,250.71	1,186.77
1047	Steel Trusses	2,232.60	kgs.	208,661.64	12.00	8.00	20.00	41,732.33	12,519.70	54,252.03	262,913.67	117.76
1051	Railings	1.00	L.S	141,464.60	12.00	8.00	20.00	28,292.92	8,487.88	36,780.80	178,245.40	178,245.40
1100	Conduit, Boxes and Fittings	135.00	In.m	28,009.05	12.00	8.00	20.00	5,601.81	1,680.54	7,282.35	35,291.40	261.42
1101	Wires and Wiring Devices	390.00	In.m	20,920.40	12.00	8.00	20.00	4,184.08	1,255.22	5,439.31	26,359.71	67.59
1102	Power Load Center, switch Gear & Panel Boards	2.00	set	6,500.54	12.00	8.00	20.00	1,300.11	390.03	1,690.14	8,190.68	4,095.34
1103	Lighting Fixtures	41.00	set	41,096.54	12.00	8.00	20.00	8,219.31	2,465.79	10,685.10	51,781.63	1,262.97
<b>TWO-STOREY INFIRMARY BUILDING</b>												
800	Clearing and Grubbing	1.00	L.S	11,054.47	12.00	8.00	20.00	2,210.89	663.27	2,874.16	13,928.63	13,928.63
803	Excavation of Footing	146.75	cu. m.	63,478.42	12.00	8.00	20.00	12,695.68	3,808.70	16,504.39	79,982.80	545.02
804	Embankment	90.00	cu. m.	34,805.87	12.00	8.00	20.00	6,961.17	2,088.35	9,049.53	43,855.40	487.28
804(a)	Backfilling of Excavated Materials	98.66	cu. m.	5,129.23	12.00	8.00	20.00	1,025.85	307.75	1,333.60	6,462.83	65.51
900	Structural Concrete (Class "A") 21 Mpa	136.79	cu. m.	673,390.10	12.00	8.00	20.00	134,678.02	40,403.41	175,081.43	848,471.52	6,202.55
902	Reinforcing Steel	11,306.74	kgs.	660,328.20	12.00	8.00	20.00	132,065.64	39,619.69	171,685.33	832,013.54	73.59
903	Forms and Falsework	1.00	L.S	447,425.40	12.00	8.00	20.00	89,485.08	26,845.52	116,330.60	563,756.00	563,756.00
1001	Plumbing Works	1.00	L.S	255,541.96	12.00	8.00	20.00	51,108.39	15,332.52	66,440.91	321,982.87	321,982.87
1003(d)	Ceiling Works	268.61	sq.m.	342,749.80	12.00	8.00	20.00	68,549.96	20,564.99	89,114.95	431,864.74	1,607.79
1005	Steel Awning Window	1.00	L.S	101,319.08	12.00	8.00	20.00	20,263.82	6,079.14	26,342.96	127,662.04	127,662.04
1007	Aluminum Glass Doors	1.00	L.S	26,136.90	12.00	8.00	20.00	5,227.38	1,568.21	6,795.59	32,932.49	32,932.49
1010	Doors	1.00	L.S	67,411.63	12.00	8.00	20.00	13,482.33	4,044.70	17,527.02	84,938.65	84,938.65
1014	Pre-painted Metal Roofing	138.93	sq. m.	79,488.38	12.00	8.00	20.00	15,897.68	4,769.30	20,666.98	100,155.36	720.92
1016	Waterproofing	99.00	sq. m.	58,529.77	12.00	8.00	20.00	11,705.95	3,511.79	15,217.74	73,747.51	744.92
1018(a)	Tile Works (Granite Tiles)	254.97	sq.m.	238,533.56	12.00	8.00	20.00	47,706.71	14,312.01	62,018.72	300,552.28	1,178.76



ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								(5) x (8)	5%[(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
1018(b)	Tile Works (Unglazed Tiles)	60.89	sq.m.	52,317.62	12.00	8.00	20.00	10,463.52	3,139.06	13,602.58	65,920.20	1,082.60
1027	Cement Plaster Finish	1,345.79	sq.m.	309,726.24	12.00	8.00	20.00	61,945.25	18,583.57	80,528.82	390,255.06	289.98
1032 (a-1)	Masonry Painting	2,691.57	sq. m.	270,488.47	12.00	8.00	20.00	54,097.69	16,229.31	70,327.00	340,815.48	126.62
1032 (a-2)	Wooden Painting	268.61	sq.m.	32,588.97	12.00	8.00	20.00	6,517.79	1,955.34	8,473.13	41,062.10	152.87
1046	Masonry Works (Concrete Hollow Blocks)	487.81	sq.m.	465,429.15	12.00	8.00	20.00	93,085.83	27,925.75	121,011.58	586,440.72	1,202.19
1047	Steel Trusses	4,570.85	kgs.	484,044.04	12.00	8.00	20.00	96,808.81	29,042.64	125,851.45	609,895.50	133.43
1051	Railings	1.00	L.S	230,685.60	12.00	8.00	20.00	46,137.12	13,841.14	59,978.26	290,663.86	290,663.86
1100	Conduit, Boxes and Fittings	423.00	In.m	96,853.69	12.00	8.00	20.00	19,370.74	5,811.22	25,181.96	122,035.65	288.50
1101	Wires and Wiring Devices	1,280.00	In.m	98,182.19	12.00	8.00	20.00	19,636.44	5,890.93	25,527.37	123,709.56	96.65
1102	Power Load Center, switch Gear & Panel Boards	2.00	set	17,200.54	12.00	8.00	20.00	3,440.11	1,032.03	4,472.14	21,672.68	10,836.34
1103	Lighting Fixtures	53.00	set	69,185.16	12.00	8.00	20.00	13,837.03	4,151.11	17,988.14	87,173.30	1,644.78
F.E.A.1.5	Construction Safety and Health Program	1.00	L.S	99,924.64	12.00	8.00	20.00	19,984.93	5,995.48	25,980.41	125,905.05	125,905.05
<b>THREE-STOREY LAUNDRY AND DRYING BUILDING</b>												
800	Clearing and Grubbing	1.00	L.S	11,054.47	12.00	8.00	20.00	2,210.89	663.27	2,874.16	13,928.63	13,928.63
803	Excavation of Footing	78.73	cu. m.	36,265.23	12.00	8.00	20.00	7,253.05	2,175.91	9,428.96	45,694.19	580.36
804(a)	Backfilling of Excavated Materials	54.50	cu. m.	3,016.95	12.00	8.00	20.00	603.39	181.02	784.41	3,801.36	69.75
804	Embankment	33.24	cu. m.	13,078.18	12.00	8.00	20.00	2,615.64	784.69	3,400.33	16,478.51	495.78
900	Structural Concrete (Class "A") 21 Mpa	71.46	cu. m.	349,562.31	12.00	8.00	20.00	69,912.46	20,973.74	90,886.20	440,448.51	6,163.63
902	Reinforcing Steel	8,221.48	kgs.	520,922.51	12.00	8.00	20.00	104,184.50	31,255.35	135,439.85	656,362.36	79.84
903	Forms and Falsework	1.00	L.S	223,104.04	12.00	8.00	20.00	44,620.81	13,386.24	58,007.05	281,111.09	281,111.09
1001	Plumbing Works	1.00	L.S	565,501.56	12.00	8.00	20.00	113,100.31	33,930.09	147,030.41	712,531.97	712,531.97
1006	Steel Ladder	1.00	L.S	18,548.20	12.00	8.00	20.00	3,709.64	1,112.89	4,822.53	23,370.73	23,370.73
1016	Waterproofing	179.17	sq. m.	105,143.70	12.00	8.00	20.00	21,028.74	6,308.62	27,337.36	132,481.07	739.41
1027	Cement Plaster Finish	541.26	sq.m.	118,149.69	12.00	8.00	20.00	23,629.94	7,088.98	30,718.92	148,868.61	275.04
1032 (a-1)	Masonry Painting	958.60	sq. m.	94,002.11	12.00	8.00	20.00	18,800.42	5,640.13	24,440.55	118,442.66	123.56
1046	Masonry Works (Concrete Hollow Blocks)	129.50	sq.m.	122,914.52	12.00	8.00	20.00	24,582.90	7,374.87	31,957.78	154,872.30	1,195.95
1100	Conduit, Boxes and Fittings	120.00	In.m	20,736.65	12.00	8.00	20.00	4,147.33	1,244.20	5,391.53	26,128.18	217.73
1101	Wires and Wiring Devices	388.00	In.m	21,388.95	12.00	8.00	20.00	4,277.79	1,283.34	5,561.13	26,950.08	69.46
1103	Lighting Fixtures	23.00	set	28,755.15	12.00	8.00	20.00	5,751.03	1,725.31	7,476.34	36,231.49	1,575.28
F.E.A.1.5	Construction Safety and Health Program	1.00	L.S	60,270.80	12.00	8.00	20.00	12,054.16	3,616.25	15,670.41	75,941.21	75,941.21
<b>PROPOSED ONE-STOREY GENERATOR AND PUMP ROOM</b>												
803	Excavation of Footing	7.86	cu. m.	4,279.49	12.00	8.00	20.00	855.90	256.77	1,112.67	5,392.16	686.37
804	Embankment	10.20	cu.m.	4,013.43	12.00	8.00	20.00	802.69	240.81	1,043.49	5,056.93	495.78
804(a)	Backfilling of Excavated Materials	4.75	cu. m.	310.74	12.00	8.00	20.00	62.15	18.64	80.79	391.53	82.50

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								(5) x (8)	5%[(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
900	Structural Concrete (Class "A") 21 Mpa	17.89	cu. m.	83,199.92	12.00	8.00	20.00	16,639.98	4,991.99	21,631.98	104,831.89	5,861.11
902	Reinforcing Steel	1,108.52	kgs.	50,218.79	12.00	8.00	20.00	10,043.76	3,013.13	13,056.89	63,275.67	57.08
903	Forms and Falsework	1.00	L.S	22,609.32	12.00	8.00	20.00	4,521.86	1,356.56	5,878.42	28,487.74	28,487.74
1001	Plumbing Works	1.00	L.S	8,314.01	12.00	8.00	20.00	1,662.80	498.84	2,161.64	10,475.65	10,475.65
1006	Steel Frames and Doors	1.00	L.S	34,485.20	12.00	8.00	20.00	6,897.04	2,069.11	8,966.15	43,451.35	43,451.35
1016	Waterproofing	52.00	sq. m.	31,425.98	12.00	8.00	20.00	6,285.20	1,885.56	8,170.76	39,596.74	761.48
1027	Cement Plaster Finish	309.60	sq.m.	30,345.74	12.00	8.00	20.00	6,069.15	1,820.74	7,889.89	38,235.63	123.50
1032 (a-1)	Masonry Painting	466.48	sq. m.	41,005.25	12.00	8.00	20.00	8,201.05	2,460.31	10,661.36	51,666.61	110.76
1046	Masonry Works (Concrete Hollow Blocks)	101.60	sq.m.	53,319.83	12.00	8.00	20.00	10,663.97	3,199.19	13,863.16	67,182.99	661.25
1051	Railings	1.00	L.S	44,272.84	12.00	8.00	20.00	8,854.57	2,656.37	11,510.94	55,783.78	55,783.78
1100	Conduit, Boxes and Fittings	243.00	In.m	51,895.40	12.00	8.00	20.00	10,379.08	3,113.72	13,492.80	65,388.20	269.09
1101	Wires and Wiring Devices	269.00	In.m	24,572.53	12.00	8.00	20.00	4,914.51	1,474.35	6,388.86	30,961.38	115.10
1102	Power Load Center, switch Gear & Panel Boards	2.00	set	7,868.55	12.00	8.00	20.00	1,573.71	472.11	2,045.82	9,914.37	4,957.19
1103	Lighting Fixtures	14.00	set	14,985.92	12.00	8.00	20.00	2,997.18	899.16	3,896.34	18,882.26	1,348.73
<b>PROPOSED ONE-STOREY GARBAGE DISPOSAL BUILDING</b>												
803	Excavation of Footing	10.18	cu. m.	5,545.47	12.00	8.00	20.00	1,109.09	332.73	1,441.82	6,987.30	686.37
804	Embankment	3.80	cu. m.	1,572.06	12.00	8.00	20.00	314.41	94.32	408.74	1,980.79	521.26
804(a)	Backfilling of Excavated Materials	6.37	cu. m.	416.74	12.00	8.00	20.00	83.35	25.00	108.35	525.09	82.50
900	Structural Concrete (Class "A") 21 Mpa	21.12	cu. m.	99,126.69	12.00	8.00	20.00	19,825.34	5,947.60	25,772.94	124,899.63	5,912.69
902	Reinforcing Steel	1,036.15	kgs.	47,002.87	12.00	8.00	20.00	9,400.57	2,820.17	12,220.75	59,223.61	57.16
903	Forms and Falsework	1.00	L.S	22,163.24	12.00	8.00	20.00	4,432.65	1,329.79	5,762.44	27,925.68	27,925.68
1006	Steel Frames and Doors	1.00	L.S	24,315.36	12.00	8.00	20.00	4,863.07	1,458.92	6,321.99	30,637.35	30,637.35
1027	Cement Plaster Finish	372.94	sq.m.	36,367.11	12.00	8.00	20.00	7,273.42	2,182.03	9,455.45	45,822.56	122.87
1032 (a-1)	Masonry Painting	191.80	sq. m.	23,471.87	12.00	8.00	20.00	4,694.37	1,408.31	6,102.69	29,574.56	154.19
1046	Masonry Works (Concrete Hollow Blocks)	91.13	sq.m.	48,858.27	12.00	8.00	20.00	9,771.65	2,931.50	12,703.15	61,561.42	675.53
1100	Conduit, Boxes and Fittings	33.00	In.m	6,618.00	12.00	8.00	20.00	1,323.60	397.08	1,720.68	8,338.69	252.69
1101	Wires and Wiring Devices	109.00	In.m	4,540.96	12.00	8.00	20.00	908.19	272.46	1,180.65	5,721.61	52.49
1103	Lighting Fixtures	3.00	set	2,286.41	12.00	8.00	20.00	457.28	137.18	594.47	2,880.88	960.29
<b>PROPOSED CISTERN TANK (4.00 x 6.00 x 2.50 m )</b>												
803	Excavation	60.00	cu. m.	29,318.96	12.00	8.00	20.00	5,863.79	1,759.14	7,622.93	36,941.89	615.70
900	Structural Concrete (Class "A") 21 Mpa	38.92	cu. m.	176,279.89	12.00	8.00	20.00	35,255.98	10,576.79	45,832.77	222,112.67	5,706.68
902	Reinforcing Steel	1,828.19	kgs.	89,314.37	12.00	8.00	20.00	17,862.87	5,358.86	23,221.74	112,536.11	61.56
1001	Plumbing Works	1.00	L.S	10,650.98	12.00	8.00	20.00	2,130.20	639.06	2,769.26	13,420.24	13,420.24
1006	Steel Frames	1.00	L.S	49,964.12	12.00	8.00	20.00	9,992.82	2,997.85	12,990.67	62,954.79	62,954.79

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
PROPOSED SEPTIC TANK (7.60 x 2.80 x 2.00 m)												
803	Excavation	42.56	cu. m.	20,796.92	12.00	8.00	20.00	4,159.38	1,247.81	5,407.20	26,204.11	615.70
900	Structural Concrete (Class "A") 21 Mpa	9.51	cu. m.	43,247.75	12.00	8.00	20.00	8,649.55	2,594.86	11,244.41	54,492.16	5,728.18
902	Reinforcing Steel	718.42	kgs.	35,097.90	12.00	8.00	20.00	7,019.58	2,105.87	9,125.45	44,223.35	61.56
1001	Plumbing Works	1.00	L.S	3,231.08	12.00	8.00	20.00	646.22	193.86	840.08	4,071.16	4,071.16
1046	Masonry Works (Concrete Hollow Blocks)	45.41	sq.m.	42,010.12	12.00	8.00	20.00	8,402.02	2,520.61	10,922.63	52,932.75	1,165.71
PROPOSED SEPTIC TANK (5.60 x 2.80 x 1.80 m)												
803	Excavation of Footing	28.22	cu. m.	13,791.64	12.00	8.00	20.00	2,758.33	827.50	3,585.83	17,377.46	615.70
900	Structural Concrete (Class "A") 21 Mpa	6.69	cu. m.	30,798.91	12.00	8.00	20.00	6,159.78	1,847.93	8,007.72	38,806.62	5,801.99
902	Reinforcing Steel	551.92	kgs.	26,963.59	12.00	8.00	20.00	5,392.72	1,617.82	7,010.53	33,974.12	61.56
1001	Plumbing Works	1.00	L.S	2,613.08	12.00	8.00	20.00	522.62	156.78	679.40	3,292.48	3,292.48
1046	Masonry Works (Concrete Hollow Blocks)	36.23	sq.m.	34,283.54	12.00	8.00	20.00	6,856.71	2,057.01	8,913.72	43,197.26	1,192.32
PROPOSED SEPTIC TANK (5.60 x 1.50 x 1.80 m)												
803	Excavation	16.80	cu. m.	8,209.31	12.00	8.00	20.00	1,641.86	492.56	2,134.42	10,343.73	615.70
900	Structural Concrete (Class "A") 21 Mpa	4.10	cu. m.	19,526.00	12.00	8.00	20.00	3,905.20	1,171.56	5,076.76	24,602.76	6,008.00
902	Reinforcing Steel	337.10	kgs.	16,468.80	12.00	8.00	20.00	3,293.76	988.13	4,281.89	20,750.69	61.56
1001	Plumbing Works	1.00	L.S	2,613.08	12.00	8.00	20.00	522.62	156.78	679.40	3,292.48	3,292.48
1046	Masonry Works (Concrete Hollow Blocks)	27.08	sq.m.	25,679.27	12.00	8.00	20.00	5,135.85	1,540.76	6,676.61	32,355.87	1,194.74
PROPOSED SEPTIC TANK (2.00 x 1.20 x 1.50 m)												
803	Excavation of Footing	3.60	cu. m.	1,759.14	12.00	8.00	20.00	351.83	105.55	457.38	2,216.51	615.70
900	Structural Concrete (Class "A") 21 Mpa	3.28	cu. m.	15,154.40	12.00	8.00	20.00	3,030.88	909.26	3,940.14	19,094.55	5,828.62
902	Reinforcing Steel	271.25	kgs.	13,251.47	12.00	8.00	20.00	2,650.29	795.09	3,445.38	16,696.86	61.56
1001	Plumbing Works	1.00	L.S	2,304.08	12.00	8.00	20.00	460.82	138.24	599.06	2,903.14	2,903.14
1046	Masonry Works (Concrete Hollow Blocks)	22.86	sq.m.	21,074.62	12.00	8.00	20.00	4,214.92	1,264.48	5,479.40	26,554.03	1,161.47
PROPOSED GENERATOR AND WATER PUMP SET												
1100	Conduit, Boxes and Fittings	30.00	In.m	37,143.90	12.00	8.00	20.00	7,428.78	2,228.63	9,657.41	46,801.31	1,560.04
1101	Wires and Wiring Devices	240.00	In.m	98,950.86	12.00	8.00	20.00	19,790.17	5,937.05	25,727.22	124,678.09	519.49
1102	Panel Board and Cabinets	1.00	set	4,100.27	12.00	8.00	20.00	820.05	246.02	1,066.07	5,166.34	5,166.34
SPL	Installation of Generator Set and Water Pump	1.00	set	1,672,401.08	0.00	8.00	8.00	133,792.09	90,309.66	224,101.74	1,896,502.82	#####
PROPOSED PERIMETER FENCING (2.25 m high, Unfinished)												
803	Excavation of Footing	56.80	cu. m.	25,208.39	12.00	8.00	20.00	5,041.68	1,512.50	6,554.18	31,762.57	559.16

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UPS		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
								$(5) \times (8)$	$5\%[(5) + (9)]$	$(9) + (10)$	$(5) + (11)$	$(12) / (3)$
900	Structural Concrete (Class "A") 21 Mpa	33.50	cu. m.	156,299.32	12.00	8.00	20.00	31,259.86	9,377.96	40,637.82	196,937.15	5,879.60
902	Reinforcing Steel	2,621.39	kgs.	126,328.55	12.00	8.00	20.00	25,265.71	7,579.71	32,845.42	159,173.97	60.72
1046	Masonry Works (Concrete Hollow Blocks)	515.84	sq.m.	278,408.28	12.00	8.00	20.00	55,681.66	16,704.50	72,386.15	350,794.43	680.05
<b>GENERAL REQUIREMENTS</b>												
FE A1.1a	Bunkhouse, (7.00m x 9.00m )	1.00	L.S	474,253.55	12.00	8.00	20.00	94,850.71	28,455.21	123,305.92	597,559.47	597,559.47
F.E.A.1.4	Project Billboard	1.00	L.S	4,272.36	12.00	8.00	20.00	854.47	256.34	1,110.81	5,383.17	5,383.17
SPL-1	Mobilization/Demobilization	1.00	L.S	270,633.60	0.00	0.00	0.00	-	13,531.68	13,531.68	284,165.28	284,165.28
<b>T O T A L</b>				<b>27,783,774.28</b>				<b>5,301,940.01</b>	<b>1,654,285.71</b>	<b>6,956,225.72</b>	<b>34,740,000.00</b>	

Submitted :

Recommending Approval :

Approved :

**BELEN A. SAPALLEDA**

Head, BAC-TWG

**CAYAMOMBAO D. DIA**

Assistant Regional Director

**JORGE U. SEBASTIAN, JR., CESO III**

Regional Director

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 803 Excavation of Footing

Unit of Measurement : cu. m.

Output per hour : 3.13 cu.m./hr.

Quantity : 575.61 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	23.02	611.92	14,089.06
	b. Laborer	25	23.02	342.24	196,996.37
Sub-total for A					<b>211,085.43</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				21,108.54
Sub-total for B					<b>21,108.54</b>
C. Total (A + B)					<b>232,193.98</b>
D. Output / day		25.00 cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
Sub-total for E					-
F. Direct Unit Cost ( C + E )					<b>232,193.98</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>27,863.28</b>
H. Contractors Profit ( CP )			8%		<b>18,575.52</b>
I. Value Added Tax ( VAT )			5%		<b>13,931.64</b>
J. Total Unit Cost					<b>508.27</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 804(a) Backfilling of Excavated Materials

Unit of Measurement : cu. m.

Output per hour : 10.40 cu.m./hr.

Quantity : 529.53 cu. m.

	Designation	No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	6.36	611.92	3,894.56
	b. Laborer	10	6.36	342.24	21,781.83
Sub-total for A					<b>25,676.39</b>
	Name and Capacity	No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				2,567.64
Sub-total for B					<b>2,567.64</b>
C.	Total (A + B)				<b>28,244.02</b>
D.	Output / day	83.20 cu.m./day			
	Name and Specification	Quantity	Unit	Unit Cost	Total
E.	Materials				-
Sub-total for E					-
F.	Direct Unit Cost ( C + E )				<b>28,244.02</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )			12%	<b>3,389.28</b>
H.	Contractors Profit ( CP )			8%	<b>2,259.52</b>
I.	Value Added Tax ( VAT )			5%	<b>1,694.64</b>
J.	Total Unit Cost				<b>67.21</b>

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 900 Structural Concrete (Class "A") 21 Mpa  
 Unit of Measurement : cu. m.  
 Output per hour : 2.29 cu.m./hr.  
 Quantity : 401.28 cu. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	21.90	611.92	13,403.40
	b. Mason	10	21.90	443.20	97,077.86
	c. Laborer	15	21.90	342.24	112,445.60
Sub-total for A					<b>222,926.85</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. One Bagger Mixer	3	21.90	1,376.00	90,419.09
	b. Concrete Vibrator	2	21.90	730.00	31,979.62
Sub-total for B					<b>122,398.70</b>
C. Total (A + B)					<b>345,325.56</b>
D. Output / day		18.32	cu.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement (40 kgs.)	3,652.00	bags	265.00	967,780.00
	b. Coarse Sand	201.00	cu.m.	901.00	181,101.00
	c. Gravel	401.28	cu.m.	992.00	398,068.27
Sub-total for E					<b>1,546,949.27</b>
F. Direct Unit Cost ( C + E )					<b>1,892,274.83</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>227,072.98</b>
H. Contractors Profit ( CP )			8%		<b>151,381.99</b>
I. Value Added Tax ( VAT )			5%		<b>113,536.49</b>
J. Total Unit Cost					<b>5,941.67</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1046 Masonry Works (Concrete Hollow Blocks)  
Unit of Measurement : sq.m.  
Output per hour : 13.28 sq.m./hr.  
Quantity : 841.52 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	7.92	611.92	4,846.07
	b. Mason	10	7.92	443.20	35,098.99
	c. Laborer	15	7.92	342.24	40,655.27
Sub-total for A					<b>80,600.33</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bagger Mixer	3	7.92	1,376.00	32,691.48
Sub-total for B					<b>32,691.48</b>
C. Total (A + B)					<b>113,291.80</b>
D. Output / day		106.26 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. CHB 6"x8"x16"	6,120.00	pcs.	16.00	97,920.00
	b. Portland Cement	1,285.00	bags	265.00	340,525.00
	c. Fine Sand	72.00	cu.m.	901.00	64,872.00
	d. 10mmΦ Reinforcement Bars (Grade 40)	2,467.84	kgs.	38.00	93,777.79
	e. #16 G.I. Tie Wire	21.38	kgs.	78.00	1,667.39
	f. CHB 4"x8"x16"	4,400.00	pcs.	13.00	57,200.00
	g. Red Cement Plaster Fin. ( for Stairs)	158.55	sq.m.	200.00	31,710.00
Sub-total for E					<b>687,672.17</b>
F. Direct Unit Cost ( C + E )					<b>800,963.97</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%	<b>96,115.68</b>	
H. Contractors Profit ( CP )			8%	<b>64,077.12</b>	
I. Value Added Tax ( VAT )			5%	<b>48,057.84</b>	
J. Total Unit Cost					<b>1,199.28</b>



## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1027 Cement Plaster Finish  
 Unit of Measurement : sq.m.  
 Output per hour : 29.70 sq.m./hr.  
 Quantity : 2134.94 sq.m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	8.99	611.92	5,498.36
	b. Mason	10	8.99	443.20	39,823.40
	c. Laborer	15	8.99	342.24	46,127.57
Sub-total for A					<b>91,449.33</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bagger Mixer	2	8.99	1,376.00	24,727.89
Sub-total for B					<b>24,727.89</b>
C. Total (A + B)					<b>116,177.21</b>
D. Output / day		237.60 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Portland Cement	961.00	bags	265.00	254,665.00
	b. Fine Sand (For Plastering)	53.37	cu.m.	1,600.00	85,397.47
Sub-total for E					<b>340,062.47</b>
F. Direct Unit Cost ( C + E )					<b>456,239.68</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>54,748.76</b>
H. Contractors Profit ( CP )			8%		<b>36,499.17</b>
I. Value Added Tax ( VAT )			5%		<b>27,374.38</b>
J. Total Unit Cost					<b>269.26</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1018(a) Tile Works (Granite Tiles)  
Unit of Measurement : sq.m.  
Output per hour : 4.20 sq.m./hr.  
Quantity : 596.84 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	17.76	611.92	10,869.61
	b. Mason	5	17.76	443.20	39,363.09
	c. Laborer	10	17.76	342.24	60,792.52
Sub-total for A					<b>111,025.22</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Tile Cutter	4	17.76	450.00	31,973.63
Sub-total for B					<b>31,973.63</b>
C. Total (A + B)					<b>142,998.84</b>
D.	Output / day	33.60 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Granite Tiles	626.68	sq.m.	500.00	313,341.53
	c. Cement Mortar	54.00	bags	265.00	14,310.00
	d. Tile Adhesives	69.00	bags	310.00	21,390.00
	e. Joint Filler (White Cement)	313.34	kgs.	30.00	9,400.25
	f. Grinder Blade	15.00	pcs.	500.00	7,500.00
	g. Aluminum Nosing (for Stairs)	75.00	ln.m.	120.00	9,000.00
Sub-total for E					<b>374,941.77</b>
F.	Direct Unit Cost ( C + E )				<b>517,940.61</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )	12%			<b>62,152.87</b>
H.	Contractors Profit ( CP )	8%			<b>41,435.25</b>
I.	Value Added Tax ( VAT )	5%			<b>31,076.44</b>
J.	Total Unit Cost				<b>1,093.43</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1018(b) Tile Works (Unglazed Tiles)

Unit of Measurement : sq.m.

Output per hour : 1.95 sq.m./hr.

Quantity : 37.52 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.41	611.92	1,471.81
	b. Mason	5	2.41	443.20	5,330.01
	c. Laborer	5	2.41	342.24	4,115.85
Sub-total for A					<b>10,917.67</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Tile Cutter	1	2.41	450.00	1,082.36
Sub-total for B					<b>1,082.36</b>
C. Total (A + B)					<b>12,000.03</b>
D.	Output / day	15.60 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Unglazed Tiles	39.40	sq.m.	375.00	14,774.19
	c. Cement Mortar	4.00	bags	265.00	1,060.00
	d. Tile Adhesives	5.00	bags	310.00	1,550.00
	e. Joint Filler (White Cement)	19.70	kgs.	30.00	590.97
	f. Tile Trim	25.00	pcs.	80.00	2,000.00
	g. Grinder Blade	5.00	pcs.	500.00	2,500.00
Sub-total for E					<b>22,475.16</b>
F.	Direct Unit Cost ( C + E )				<b>34,475.19</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )	12%			<b>4,137.02</b>
H.	Contractors Profit ( CP )	8%			<b>2,758.02</b>
I.	Value Added Tax ( VAT )	5%			<b>2,068.51</b>
J.	Total Unit Cost				<b>1,157.69</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1003(d) Ceiling Works  
 Unit of Measurement : sq.m.  
 Output per hour : 6.80 sq.m./hr.  
 Quantity : 477.96 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	8.79	611.92	5,376.35
	b. Carpenter	10	8.79	443.20	38,939.68
	c. Laborer	10	8.79	342.24	30,069.31
Sub-total for A					<b>74,385.34</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				7,438.53
Sub-total for B					<b>7,438.53</b>
C. Total (A + B)					<b>81,823.87</b>
D.	Output / day	54.40 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 1/4" Thk. Marine Plywood	160.00	pcs.	500.00	80,000.00
	b. Metal Furrings (Double) 12 mm x 38 mm x 5m x 0.6 mm	700.00	pcs.	160.00	112,000.00
	c. Blind Rivets	10.00	box	450.00	4,500.00
	d. Drill Bits	20.00	pcs.	100.00	2,000.00
	f. Metal Screw	3.00	gross	150.00	450.00
	g. Metal Furring Hanger	600.00	pcs.	180.00	108,000.00
	h. White Minirib Finish	116.16	sq.m.	680.00	78,988.80
Sub-total for E					<b>385,938.80</b>
F.	Direct Unit Cost ( C + E )				<b>467,762.67</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )	12%			<b>56,131.52</b>
H.	Contractors Profit ( CP )	8%			<b>37,421.01</b>
I.	Value Added Tax ( VAT )	5%			<b>28,065.76</b>
J.	Total Unit Cost				<b>1,233.12</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1014 Pre-painted Metal Roofing  
Unit of Measurement : sq. m.  
Output per hour : 17.50 sq. m./hr.  
Quantity : 378.47 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.70	611.92	1,654.25
	b. Tinsmith	10	2.70	443.20	11,981.36
	c. Laborer	15	2.70	342.24	13,878.05
Sub-total for A					<b>27,513.65</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				2,751.37
Sub-total for B					<b>2,751.37</b>
C. Total (A + B)					<b>30,265.02</b>
D. Output / day		140.00 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Pre-Painted 4 mm Galvanized Sheet (Long Span)	378.47	sq. m.	420.00	158,958.45
	c. Pre-painted Ridge Roll (Blue)	50.00	ln.m.	189.00	9,450.00
	e. Tekscrow	400.00	pcs.	5.00	2,000.00
	f. Drill Bits	20.00	pcs.	150.00	3,000.00
Sub-total for E					<b>173,408.45</b>
F. Direct Unit Cost ( C + E )					<b>203,673.47</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>24,440.82</b>
H. Contractors Profit ( CP )			8%		<b>16,293.88</b>
I. Value Added Tax ( VAT )			5%		<b>12,220.41</b>
J. Total Unit Cost					<b>678.06</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1047 Steel Trusses

Unit of Measurement : kgs.

Output per hour : 75.13 kgs./hr.

Quantity : 11468.85 kgs.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	19.08	611.93	11677.43
	b. Welder	10	19.08	443.20	84575.61
	c. Laborer	15	19.08	342.24	97964.20
Sub-total for A					<b>194,217.24</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Welding Machine	3.00	19.08	3,128.00	179,074.35
	Bar Cutter	2.00	19.08	1,758.00	67,095.63
Sub-total for B					<b>246,169.98</b>
C. Total (A + B)					<b>440,387.23</b>
D. Output / day		601.00 kgs./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 60 mm x 60 mm x 6 mm Angle Bar	4,779.49	kgs.	48.00	229,415.67
	b. 60 mm x 60 mm x 6 mm Angle Bar (Clip)	96.71	kgs.	48.00	4,642.18
	d. Sag Rod (10 mmØ)	50.00	kgs.	48.00	2,400.00
	e. LC 150mm x 50mm x 15 mm x 4mm	5,703.28	kgs.	48.00	273,757.39
	f. Milled Steel Plates	189.37	kgs.	47.00	8,900.18
	g. Gusset Plate	650.00	kgs.	47.00	30,550.00
	h. Bar Cutter Blade	10.00	pcs.	400.00	4,000.00
	i. Welding Rod	60.00	kgs.	150.00	9,000.00
	j. Machine Bolts (3/16")	250.00	pcs.	60.00	15,000.00
	k. Tension Rod (16 mm Ø)	260.83	ln.ft.	24.00	6,259.92
Sub-total for E					<b>583,925.34</b>
F. Direct Unit Cost ( C + E )					<b>1,024,312.56</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>122,917.51</b>
H. Contractors Profit ( CP )			8%		<b>81,945.01</b>
I. Value Added Tax ( VAT )			5%		<b>61,458.75</b>
J. Total Unit Cost					<b>112.53</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1032 (a-1) Masonry Painting  
Unit of Measurement : sq. m.  
Output per hour : 52.25 sq.m./hr.  
Quantity : 4,483.37 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	10.73	611.92	6,563.31
	b. Painter	10	10.73	443.20	47,536.56
	c. Laborer	15	10.73	342.24	55,061.75
Sub-total for A					<b>109,161.62</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				10,916.16
Sub-total for B					<b>10,916.16</b>
C. Total (A + B)					<b>120,077.78</b>
D. Output / day		418.00 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Latex Primer Paint	180.00	gal.	850.00	153,000.00
	b. Latex Gloss Paint (White)	180.00	gal.	759.00	136,620.00
	c. Bondtite with Hardener	30.00	qrt.	280.00	8,400.00
	d. Patching Compound	80.00	kgs.	30.00	2,400.00
	f. Paint Brush 4"	25.00	pcs.	55.00	1,375.00
	g. Roller Brush 6" with Tray	15.00	pcs.	150.00	2,250.00
	h. Sandpaper #120	20.00	doz.	216.00	4,320.00
Sub-total for E					<b>308,365.00</b>
F. Direct Unit Cost ( C + E )					<b>428,442.78</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>51,413.13</b>
H. Contractors Profit ( CP )			8%		<b>34,275.42</b>
I. Value Added Tax ( VAT )			5%		<b>25,706.57</b>
J. Total Unit Cost					<b>120.41</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1051 Railings

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	15.00	611.92	9,178.80
	b. Welder	6	15.00	443.20	39,888.00
	c. Laborer	6	15.00	342.24	30,801.60
Sub-total for A					<b>79,868.40</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bar Cutter	2	15.00	1,758.00	52,740.00
	b. Welding Machine	2	15.00	3,128.00	93,840.00
Sub-total for B					<b>146,580.00</b>
C. Total (A + B)					<b>226,448.40</b>
D. Output / day					-
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. G.I Pipe (50 mmØ) S40 (3.0 m long)	70.00	pcs.	1356.00	94,920.00
	h. G.I Pipe (38 mmØ) S40 (3.0 m long)	68.00	pcs.	996.00	67,728.00
	i. Metal Primer	15.00	gal.	750.00	11,250.00
	j. Quick Drying Enamel (White)	16.00	gal.	775.00	12,400.00
	l. Sandpaper #240	20.00	doz.	250.00	5,000.00
	m. Metal Polish	20.00	cans	95.00	1,900.00
	n. Welding Rod	25.00	kgs.	150.00	3,750.00
	o. Steel Matting (4' x 8')	25.00	pcs.	400.00	10,000.00
Sub-total for E					<b>206,948.00</b>
F. Direct Unit Cost ( C + E )					<b>433,396.40</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>52,007.57</b>
H. Contractors Profit ( CP )			8%		<b>34,671.71</b>
I. Value Added Tax ( VAT )			5%		<b>26,003.78</b>
J. Total Unit Cost					<b>546,079.46</b>



## DETAILED UNIT PRICE ANALYSIS

: PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 804 Embankment  
 Unit of Measurement : cu. m.  
 Output per hour : 10.40 cu.m./hr.  
 Quantity : 220.62

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.65	611.92	1,622.63
	b. Laborer	10	2.65	342.24	9,075.17
Sub-total for A					<b>10,697.80</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				1,069.78
Sub-total for B					<b>1,069.78</b>
C. Total (A + B)					<b>11,767.58</b>
D. Output / day		83.20			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Filling Materials	220.62	cu.m	328.00	72,363.78
Sub-total for E					<b>72,363.78</b>
F. Direct Unit Cost ( C + E )					<b>84,131.36</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>10,095.76</b>
H. Contractors Profit ( CP )			8%		<b>6,730.51</b>
I. Value Added Tax ( VAT )			5%		<b>5,047.88</b>
J. Total Unit Cost					<b>480.49</b>

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1016 Waterproofing  
 Unit of Measurement : sq. m.  
 Output per hour : 16.01 sq.m./hr.  
 Quantity : 269.05 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.10	611.92	1,285.19
	b. Installer	10	2.10	443.40	9,312.56
Sub-total for A					<b>10,597.76</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				1,059.78
Sub-total for B					<b>1,059.78</b>
C. Total (A + B)					<b>11,657.53</b>
D. Output / day		128.10 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 4 mm Slated Membrane Water Proofing	269.05	sq.m.	540.00	145,288.08
Sub-total for E					<b>145,288.08</b>
F. Direct Unit Cost ( C + E )					<b>156,945.61</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>18,833.47</b>
H. Contractors Profit ( CP )			8%		<b>12,555.65</b>
I. Value Added Tax ( VAT )			5%		<b>9,416.74</b>
J. Total Unit Cost					<b>734.99</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 902 Reinforcing Steel  
Unit of Measurement : kgs.  
Output per hour : 175.63 kgs./hr.  
Quantity : 37,799.47 kgs.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	26.90	611.92	16,462.81
	b. Steelman	10	26.90	443.20	119,236.47
	c. Laborer	15	26.90	342.24	138,111.99
Sub-total for A					<b>273,811.26</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Bar Cutter	2	26.90	1,758.00	94,592.83
	b. Bar Bender	2	26.90	2,812.00	151,305.48
Sub-total for B					<b>245,898.31</b>
C. Total (A + B)					<b>519,709.57</b>
D. Output / day		1,405.00			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 20 mmØ Reinforcing Steel Bars (Grade 60)	8,560.04	kgs.	38.00	325,281.55
	b. 16 mmØ Reinforcing Steel Bars (Grade 40)	6,633.40	kgs.	38.00	252,069.22
	c. 12 mmØ Reinforcing Steel Bars (Grade 40)	73.23	kgs.	38.00	2,782.71
	d. 10 mmØ Reinforcing Steel Bars (Grade 40)	22,532.80	kgs.	38.00	856,246.25
	e. #16 G.I Tie Wire	757.50	kgs.	78.00	59,084.73
Sub-total for E					<b>1,495,464.46</b>
F. Direct Unit Cost ( C + E )					<b>2,015,174.03</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>241,820.88</b>
H. Contractors Profit ( CP )			8%		<b>161,213.92</b>
I. Value Added Tax ( VAT )			5%		<b>120,910.44</b>
J. Total Unit Cost					<b>67.17</b>

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 903 Forms and Falsework  
 Unit of Measurement : L.S  
 Output per hour :  
 Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	25.00	611.92	15,298.00
	b. Carpenter	10	25.00	443.20	110,800.00
	c. Laborer	15	25.00	342.24	128,340.00
Sub-total for A					<b>254,438.00</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost Minor Tools (10% of   Labor)				25,443.80
Sub-total for B					<b>25,443.80</b>
C. Total (A + B)					<b>279,881.80</b>
D. Output / day -					
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Assorted Coco Lumber	18,000.00	bd. Ft.	15.00	270,000.00
	b. 1/4" Thk. Ordinary Plywood	400.00	pcs.	385.00	154,000.00
	c. Assorted Common Nails	360.00	kgs.	50.00	18,000.00
Sub-total for E					<b>442,000.00</b>
F. Direct Unit Cost ( C + E )					<b>721,881.80</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>86,625.82</b>
H. Contractors Profit ( CP )			8%		<b>57,750.54</b>
I. Value Added Tax ( VAT )			5%		<b>43,312.91</b>
J. Total Unit Cost					<b>909,571.07</b>

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 800 Clearing and Grubbing

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	3.00	611.92	1,835.76
	b. Laborer	10	3.00	342.24	10,267.20
Sub-total for A					<b>12,102.96</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10% of Labor)				1,210.30
Sub-total for B					<b>1,210.30</b>
C. Total (A + B)					<b>13,313.26</b>
D. Output / day		- cu.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
Sub-total for E					-
F. Direct Unit Cost ( C + E )					<b>13,313.26</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>1,597.59</b>
H. Contractors Profit ( CP )			8%		<b>1,065.06</b>
I. Value Added Tax ( VAT )			5%		<b>798.80</b>
J. Total Unit Cost					<b>16,774.70</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1032 (a-2) Wooden Painting  
 Unit of Measurement : sq.m.  
 Output per hour : 43.22 sq.m./hr.  
 Quantity : 379.89 sq. m.

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	1.10	611.92	672.33
	b. Painter	5	1.10	443.40	2,435.87
	c. Laborer	10	1.10	342.24	3,760.27
Sub-total for A					<b>6,868.47</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10 % of Labor)				686.85
Sub-total for B					<b>686.85</b>
C. Total (A + B)					<b>7,555.31</b>
D. Output / day		345.76 sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Flatwall Enamel Paint	20.00	gal.	600.00	12,000.00
	b. Enamel Paint (White)	20.00	gal.	775.00	15,500.00
	c. Bondtite with Hardener	20.00	qrt.	280.00	5,600.00
	e. Paint Thinner	10.00	gal.	334.00	3,340.00
	f. Paint Brush 4"	10.00	pcs.	55.00	550.00
	g. Roller Brush 6" With Tray	10.00	pcs.	150.00	1,500.00
	h. Sandpaper #120	10.00	doz.	216.00	2,160.00
Sub-total for E					<b>40,650.00</b>
F. Direct Unit Cost ( C + E )					<b>48,205.31</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>5,784.64</b>
H. Contractors Profit ( CP )			8%		<b>3,856.43</b>
I. Value Added Tax ( VAT )			5%		<b>2,892.32</b>
J. Total Unit Cost					<b>159.88</b>

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1007 Aluminum Glass Doors

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	2.00	611.92	1,223.84
	b. Laborer	6	2.00	342.24	4,106.88
Sub-total for A					<b>5,330.72</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	a. Minor Tools (10 % of Labor)				533.07
Sub-total for B					<b>533.07</b>
C. Total (A + B)					<b>5,863.79</b>
D. Output / day		- sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. D-1: 1/4" Thk. Bronze Glass on Analok Frame Swing Type with 1/4" Thk. Transom (4.60 m x 2.55 m)	1.00	set	76,245.00	76,245.00
	b. D-2: 1/4" Thk. Bronze Glass on Analok Frame Swing Door (1.80 m x 2.10 m)	2.00	set	24,570.00	49,140.00
Sub-total for E					<b>125,385.00</b>
F. Direct Unit Cost ( C + E )					<b>131,248.79</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>15,749.86</b>
H. Contractors Profit ( CP )			8%		<b>10,499.90</b>
I. Value Added Tax ( VAT )			5%		<b>7,874.93</b>
J. Total Unit Cost					<b>165,373.48</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1010 Doors  
Unit of Measurement : L.S  
Output per hour :  
Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	10.00	611.92	6,119.20
	b. Laborer	6	10.00	342.24	20,534.40
<b>26,653.60</b>					
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				2,665.36
Sub-total for B					<b>2,665.36</b>
C. Total (A + B)					<b>29,318.96</b>
D. Output / day		- ln.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. D-3: Hollow Core Flush Type Swing Door with 1/4" Thk. Viewing Glass (1.80 m x 2.10 m)	2.00	set	4,286.52	8,573.04
	b. D-4: Hollow Core Flush Type Swing Door ( 1.80 m x 2.10 m)	2.00	set	3,530.52	7,061.04
	c. D-5: Hollow Core Flush Type Swing Door with 1/4" Thk. Viewing Glass (0.90 m x 2.10 m)	3.00	set	1,765.26	5,295.78
	d. D-6: Wood Panel Swing Type Door (0.90 m x 2.10 m)	4.00	set	9,828.00	39,312.00
	e. D-7: Hollow Core Flush Type Swing Door (0.75 x 2.10 m)	2.00	set	1,471.05	2,942.10
	f. D-7: Hollow Core Flush Type Swing Door (0.70 x 2.10 m)	3.00	set	7,644.00	22,932.00
	g. Hinges	32.00	pairs	200.00	6,400.00
	h. Door Knob	16.00	set	500.00	8,000.00
Sub-total for E					<b>100,515.96</b>
F. Direct Unit Cost ( C + E )					<b>129,834.92</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>15,580.19</b>
H. Contractors Profit ( CP )			8%		<b>10,386.79</b>
I. Value Added Tax ( VAT )			5%		<b>7,790.10</b>
J. Total Unit Cost					<b>163,592.00</b>



### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1005 Steel Awning Window  
Unit of Measurement : L.S  
Output per hour :  
Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	15.00	611.92	9,178.80
	b. Laborer	10	15.00	342.24	51,336.00
<b>Sub-total for A</b>					<b>60,514.80</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				6,051.48
<b>Sub-total for B</b>					<b>6,051.48</b>
C. Total (A + B)					<b>66,566.28</b>
D. Output / day		- ln.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. W-1: Steel Awning Window (15 equal parts) W= 3.55 m, H= 1.20 m	14.00	set	10,650.00	149,100.00
	b. W-2: Steel Awning Window (6 equal parts) W= 2.15 m, H= 0.80 m	1.00	set	4,300.00	4,300.00
	c. W-3: Steel Awning Window (6 equal parts) W= 1.45 m, H= 1.20 m	1.00	set	4,350.00	4,350.00
	c. W-4: Steel Awning Window (4 equal parts) W= 1.45 m, H= 0.80 m	1.00	set	2,900.00	2,900.00
	c. W-5: Steel Awning Window (2 equal parts) with Fixed Glass W= 1.45 m, H= 0.60 m	2.00	set	2,305.50	4,611.00
	c. W-6: Steel Awning Window (0.60 m x 0.50 m)	2.00	set	750.00	1,500.00
<b>Sub-total for E</b>					<b>166,761.00</b>
F. Direct Unit Cost ( C + E )					<b>233,327.28</b>
G. Overhead Contingencies & Miscellaneous ( OCM )		12%			<b>27,999.27</b>
H. Contractors Profit ( CP )		8%			<b>18,666.18</b>
I. Value Added Tax ( VAT )		5%			<b>13,999.64</b>
J. Total Unit Cost					<b>293,992.37</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1001 Plumbing Works  
 Unit of Measurement : L.S  
 Output per hour :  
 Quantity : 1.00 L.S

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	10.00	611.92	6,119.20
	b. Plumber	5	10.00	510.88	25,544.00
	c. Laborer	10	10.00	342.24	34,224.00
					<b>65,887.20</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				6,588.72
Sub-total for B					<b>6,588.72</b>
C. Total (A + B)					<b>72,475.92</b>
D. Output / day		- In.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	1 Kitchen Sink	1.00	set	4,512.00	4,512.00
	2 Lavatory with Fittings	3.00	sets	6,615.00	19,845.00
	3 Water Closet with Fittings and Accessories	3.00	sets	7,353.00	22,059.00
	4 13 mm Ø Angle Valve Double Branch	3.00	pcs	350.00	1,050.00
	5 13 mm Ø Bidet Set	3.00	pcs	900.00	2,700.00
	6 13 mm Ø Water Closet Supply Hose	3.00	pcs	180.00	540.00
	7 13 mm Ø Lavatory Water Supply Hose	3.00	pcs	180.00	540.00
	8 13 mm Ø Lavatory Angle Valve	3.00	pcs	250.00	750.00
	9 13 mm Ø Lavatory Faucet	3.00	pcs	500.00	1,500.00
	10 13 mm Ø Gate Valve, W.I.	5.00	pcs	300.00	1,500.00
	11 Floor Drain	4.00	pcs	191.00	764.00
	12 75 mm Ø P-Trap without Plug	4.00	pcs	182.00	728.00
	13 50 mm Ø P-Trap with Plug	1.00	pcs	103.00	103.00
	14 100 mm Ø Clean Out Plug	8.00	pcs	77.00	616.00
	15 100 mm Ø x 3.0 m PVC pipe, S1000	15.00	pcs	640.00	9,600.00
	16 75 mm Ø x 3.0 m PVC pipe, S1000	60.00	pcs	536.00	32,160.00
	17 50 mm Ø x 3.0 m PVC pipe, S1000	15.00	pcs	305.00	4,575.00
	18 4" x 4" PVC wye	10.00	pcs	159.00	1,590.00
	19 4" x 3" PVC wye	6.00	pcs	175.00	1,050.00
	20 4" x 2" PVC wye	6.00	pcs	133.00	798.00
	21 4" x 1/8" PVC Elbow	6.00	pcs	63.00	378.00
	22 4" x 1/4" PVC Elbow	12.00	pcs	85.00	1,020.00
	23 3" x 1/4" PVC Elbow	60.00	pcs	52.00	3,120.00

<b>24</b>	2" x 1/4 PVC Elbow	15.00	pcs	27.00	405.00
<b>25</b>	2" x 1/8 PVC Elbow	10.00	pcs.	22.00	220.00
<b>26</b>	2" PVC Tee	5.00	pcs.	53.00	265.00
<b>27</b>	PVC Potable Blue Pipe, 19 mmØ	15.00	pcs	88.00	1,320.00
<b>28</b>	PVC Potable Blue Pipe, 13 mmØ	50.00	pcs	57.00	2,850.00
<b>29</b>	PVC Potable Elbow, 13 mm Ø	30.00	pcs	12.00	360.00
<b>30</b>	PVC Potable Elbow, 19 mm Ø	10.00	pcs	15.00	150.00
<b>31</b>	PVC Potable Blue Tee (1/2")	10.00	pcs	15.00	150.00
<b>32</b>	PVC Reducer (3/4" x 1/2")	30.00	pcs	20.00	600.00
<b>33</b>	Teflon Tape	20.00	rolls	15.00	300.00
<b>34</b>	PVC Solvent	34.00	cans	189.00	6,426.00
<b>35</b>	Gooseneck Faucet (for Sink)	1.00	pc	800.00	800.00
<b>36</b>	PVC Potable Blue Tee (3/4")	13.00	pcs	25.00	325.00
<b>37</b>	Plastic Faucet (with Built-in Nipple)	4.00	pcs.	200.00	800.00
<b>38</b>	Siamese Twin (2-63 mmØ) with Complete Accessories	1.00	set	5,000.00	5,000.00
<b>39</b>	76 mm Ø G.I Pipe (3.0 m long)	5.00	pcs.	1,885.00	9,425.00
<b>40</b>	Fire Hose Cabinet with Complete Accessories	1.00	set	7,500.00	7,500.00
<b>41</b>	Fire Extinguisher	2.00	set	6,000.00	12,000.00
<b>42</b>	150 mm Ø x 3.0 m PVC pipe, S1000	24.00	pcs	1,610.00	38,640.00
Sub-total for E					<b>199,034.00</b>
F.	Direct Unit Cost ( C + E )				<b>271,509.92</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )		12%		<b>32,581.19</b>
H.	Contractors Profit ( CP )		8%		<b>21,720.79</b>
I.	Value Added Tax ( VAT )		5%		<b>16,290.60</b>
J.	Total Unit Cost				<b>342,102.50</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : F.E.A.1.5 Construction Safety and Health Program

Unit of Measurement : L.S

Output per hour :

Quantity : 1.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Safety Practioner	1	45.00	611.92	27,536.40
	b. First Aider	1	180.00	443.20	79,776.00
Sub-total for A					<b>107,312.40</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
Sub-total for B					-
C. Total (A + B)					<b>107,312.40</b>
D. Output / day		- sq.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	25.00	pair	400.00	10,000.00
	b. Pairs, Working Gloves (Leather Materials)	25.00	pair	175.00	4,375.00
	c. Pcs., Rain Coats (Rainforced, Hip Length Small, Medium & Large)	25.00	pc.	150.00	3,750.00
	d. Hard Hat	25.00	pc.	250.00	6,250.00
	e. Medical Supplies	1.00	set	5,000.00	5,000.00
Sub-total for E					<b>29,375.00</b>
F. Direct Unit Cost ( C + E )					<b>136,687.40</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>16,402.49</b>
H. Contractors Profit ( CP )			8%		<b>10,934.99</b>
I. Value Added Tax ( VAT )			5%		<b>8,201.24</b>
J. Total Unit Cost					<b>172,226.12</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1100 Conduit, Boxes and Fittings  
 Unit of Measurement : In.m  
 Output per hour : 4.500 In.m./hr.  
 Quantity : 1,344.00

Designation	No. of Person	No. of Days	Daily Rate	Amount
<b>A. Labor</b>				
a. Construction Foreman	1	37.33	611.92	22,845.01
b. Electrician	2	37.33	443.20	33,092.27
c. Laborer	2	37.33	342.24	25,553.92
				<b>81,491.20</b>
Name and Capacity	No. of Equipment	No. of Days	Daily Rate	Amount
<b>B. Equipment Cost</b>				
Minor Tools (10% of Labor)				8,149.12
Sub-total for B				<b>8,149.12</b>
<b>C. Total (A + B)</b>				<b>89,640.32</b>
<b>D. Output / day</b>	36.00	In.m./day		
Name and Specification	Quantity	Unit	Unit Cost	Total
<b>E. Materials</b>				
1 RMC Pipes 15mm x 3.0 mtrs.	55.00	lght.	236.00	12,980.00
2 RMC Pipes 20mm x 3.0 mtrs.	18.00	lght.	504.00	9,072.00
3 RMC Pipes 25mm x 3.0 mtrs.	18.00	lght.	766.00	13,788.00
4 PVC Pipes 15mm x 3.0 mtrs.	357.00	lght.	236.00	84,252.00
5 15mm dia x 90 deg. RSC Elbows	28.00	pcs.	150.00	4,200.00
6 15mm dia LB Condulets	28.00	pcs.	70.00	1,960.00
7 15mm dia Lock nuts	28.00	pcs.	5.00	140.00
8 15mm dia x 90 deg. PVC Elbows	179.00	pcs.	150.00	26,850.00
9 15mm dia LB Condulets	179.00	pcs.	70.00	12,530.00
10 15mm dia Lock nuts	179.00	pcs.	5.00	895.00
11 20mm dia RSC Couplings	9.00	pcs.	13.00	117.00
12 20mm dia x 90 deg. RSC Elbows	9.00	pcs.	150.00	1,350.00
13 20mm dia LB Condulets	9.00	pcs.	70.00	630.00
14 20mm dia Lock nuts	9.00	pcs.	5.00	45.00
15 20mm dia Bushing	9.00	pcs.	8.00	72.00
16 20mm dia Metal Pipe Clamps	9.00	pcs.	3.00	27.00
17 25mm dia RSC Couplings	9.00	pcs.	13.00	117.00
18 25mm dia x 90 deg. RSC Elbows	9.00	pcs.	150.00	1,350.00
19 25mm dia LB Condulets	9.00	pcs.	70.00	630.00
20 25mm dia Lock nuts	9.00	pcs.	5.00	45.00
21 25mm dia Bushing	9.00	pcs.	8.00	72.00
22 25mm dia Metal Pipe Clamps	9.00	pcs.	3.00	27.00
23 SERVICE ENTRANCE CAP ( 25.4mm D )	1.00	Pc.	201.00	201.00
24 SERVICE ENTRANCE CAP ( 65mm D )	1.00	Pc.	1,200.00	1,200.00
25 #7 PVC Tox with Screw	5.00	boxes	275.00	1,375.00
26 1/2" dia Mica Tube	75.00	mtrs.	47.00	3,525.00
27 #16 G.I. Tie Wire	40.00	kls.	78.00	3,120.00
28 Junction Box Deep Type	50.00	pcs.	34.00	1,700.00
29 Utility Box Deep Type	125.00	pcs.	32.00	4,000.00
30 PVC Solvent	12.00	can	138.00	1,656.00
Sub-total for E				<b>187,926.00</b>
<b>F. Direct Unit Cost ( C + E )</b>				<b>277,566.32</b>
<b>G. Overhead Contingencies &amp; Miscellaneous ( OCM )</b>				<b>33,307.96</b>
<b>H. Contractors Profit ( CP )</b>				<b>22,205.31</b>
<b>I. Value Added Tax ( VAT )</b>				<b>16,653.98</b>
<b>J. Total Unit Cost</b>				<b>260.22</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1101 Wires and Wiring Devices  
 Unit of Measurement : In.m  
 Output per hour : 37.50 In.m./hr.  
 Quantity : 4,255.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	14.18	611.92	8,679.07
	b. Electrician	2	14.18	443.20	12,572.11
	c. Laborer	2	14.18	342.24	9,708.21
<b>30,959.38</b>					
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				3,095.94
Sub-total for B					<b>3,095.94</b>
C. Total (A + B)					<b>34,055.32</b>
D.	Output / day	300.00	In.m./day		
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. ELECTRIC WIRES 2.0 mm <sup>2</sup> THW	1,756.00	mtrs.	29.00	50,924.00
	b. ELECTRIC WIRES 2.0 mm <sup>2</sup> TW ( for GROUNDING )	75.00	mtrs.	29.00	2,175.00
	c. ELECTRIC WIRES 3.5 mm <sup>2</sup> THW	1,268.00	mtrs.	24.00	30,432.00
	d. ELECTRIC WIRES 3.5 mm <sup>2</sup> TW ( for GROUNDING )	75.00	mtrs.	24.00	1,800.00
	e. ELECTRIC WIRES 5.5 mm <sup>2</sup> THW	106.00	mtrs.	38.00	4,028.00
	f. ELECTRIC WIRES 8.0 mm <sup>2</sup> THW	75.00	mtrs.	73.25	5,493.75
	g. ELECTRIC WIRES 8.0 mm <sup>2</sup> TW ( for GROUNDING )	75.00	mtrs.	73.25	5,493.75
	h. ELECTRIC WIRES 14 mm <sup>2</sup> TW ( for GROUNDING )	75.00	mtrs.	97.00	7,275.00
	i. ELECTRIC WIRES 22 mm <sup>2</sup> THW	75.00	mtrs.	137.33	10,300.00
	j. ELECTRIC WIRES 30 mm <sup>2</sup> THW	75.00	mtrs.	175.75	13,181.25
	k. ELECTRIC WIRES 60 mm <sup>2</sup> TW ( GROUNDING FOR MAIN PANEL )	300.00	mtrs.	330.00	99,000.00
	l. ELECTRIC WIRES 100 mm <sup>2</sup> THW (FOR MAIN PANEL )	300.00	mtrs.	620.00	186,000.00
	m. DUPLEX CONVENIENCE OUTLET	57.00	sets	170.00	9,690.00
	n. RADIO and CONVENIENCE OUTLET	3.00	sets	367.00	1,101.00
	o. WEATHERPROOF OUTLET	4.00	sets	367.00	1,468.00
	p. FLOOR POP-UP OUTLET	1.00	set	3,780.00	3,780.00
	q. TELEPHONE OUTLET RJ 45 (Including INTERCOMS)	8.00	set	208.00	1,664.00
	r. ONE-GANG SWITCH	8.00	pcs.	96.00	768.00
	s. TWO-GANG SWITCH	34.00	pcs.	132.00	4,488.00
	t. THREE-GANG SWITCH	18.00	pcs.	178.00	3,204.00
	u. SMOKE DETECTOR	14.00	set	2,047.00	28,658.00
	v. EQUIPMENT FOR FIRE ALARM STATION ( MANUAL )	3.00	set	1,680.00	5,040.00
	w. EQUIPMENT FOR FIRE ALARM BELL ( VIBRATING 6" D )	3.00	set	1,470.00	4,410.00
	x. EQUIPMENT FOR FIRE ANNUNCIATOR	1.00	set	7,560.00	7,560.00
	y. EQUIPMENT FOR FIRE ALARM CONTROL PANEL	1.00	set	14,584.00	14,584.00
	z. ELECTRICAL TAPE	50.00	rolls	31.00	1,550.00
Sub-total for E					<b>504,067.75</b>
F.	Direct Unit Cost ( C + E )				<b>538,123.07</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )		12%		<b>64,574.77</b>
H.	Contractors Profit ( CP )		8%		<b>43,049.85</b>
I.	Value Added Tax ( VAT )		5%		<b>32,287.38</b>
J.	Total Unit Cost				<b>159.35</b>

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN, ZAMBOANGA CITY

Item No./Description : 1103 Lighting Fixtures

Unit of Measurement : set

Output per hour : 1.00 set/hr.

Quantity : 196.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	24.50	611.92	14,992.04
	b. Electrician	2	24.50	443.20	21,716.80
	c. Laborer	2	24.50	342.24	16,769.76
<b>53,478.60</b>					
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				5,347.86
Sub-total for B					<b>5,347.86</b>
C. Total (A + B)					<b>58,826.46</b>
D. Output / day		8.00 In.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. 2 X 35W, T-5 FLUORESCENT FIXTURES; TROFFER TYPE W/ ELECTRONIC BALLAST, MIRRORIZED REFLECTOR, RECESSED MOUNTED	24.00	sets	1,260.00	30,240.00
	b. 1 X 28W, T-5 FLUORESCENT FIXTURES; TROFFER TYPE W/ ELECTRONIC BALLAST, MIRRORIZED REFLECTOR, RECESSED MOUNTED	46.00	sets	987.00	45,402.00
	c. 10 Watts LED RECESSED DOWNLIGHT ( 5.50" Ø DIE-CAST ALUMINUM )	23.00	sets	1,320.00	30,360.00
	d. 5 Watts LED RECESSED DOWNLIGHT ( 4.25" Ø DIE-CAST ALUMINUM )	39.00	sets	570.00	22,230.00
	e. 3 Watts LED RECESSED DOWNLIGHT ( 3.50" Ø DIE-CAST ALUMINUM )	48.00	sets	400.00	19,200.00
	f. EMERGENCY LIGHTS	16.00	sets	1,477.00	23,632.00
Sub-total for E					<b>171,064.00</b>
F. Direct Unit Cost ( C + E )					<b>229,890.46</b>
G. Overhead Contingencies & Miscellaneous ( OCM )			12%		<b>27,586.86</b>
H. Contractors Profit ( CP )			8%		<b>18,391.24</b>
I. Value Added Tax ( VAT )			5%		<b>13,793.43</b>
J. Total Unit Cost					<b>1,477.87</b>

## DETAILED UNIT PRICE ANALYSIS

PROJECT NAME : PROPOSED TWO-STOREY ACCOMODATION BUILDING, EVACUATION CENTER, CABATANGAN,  
ZAMBOANGA CITY

Item No./Description : 1102 Power Load Center, switch Gear & Panel Boards  
Unit of Measurement : set  
Output per hour : 0.50 set/hr  
Quantity : 5.00

Designation		No. of Person	No. of Days	Daily Rate	Amount
A.	Labor				
	a. Construction Foreman	1	1.25	611.92	764.90
	b. Electrician	2	1.25	443.20	1,108.00
	c. Laborer	2	1.25	342.24	855.60
					<b>2,728.50</b>
Name and Capacity		No. of Equipment	No. of Days	Daily Rate	Amount
B.	Equipment Cost				
	Minor Tools (10% of Labor)				272.85
Sub-total for B					<b>272.85</b>
C. Total (A + B)					<b>3,001.35</b>
D.	Output / day	4.00 In.m./day			
Name and Specification		Quantity	Unit	Unit Cost	Total
E.	Materials				
	a. Panel Boards, 2P, 6 Branches, Center Main Breaker MCB: 60AT, 80AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 5X15AT, 50AF, 2P, 240V, 60Hz, Bolt-on type 1XSPARE	2.00	sets	7,100.00	14,200.00
					-
					-
	b. Panel Boards, 2P, 6 Branches, Center Main Breaker MCB: 60AT, 80AF, 2P, 240V, 60Hz ACB, Bolt-on Type Branches: 5X20AT, 50AF, 2P, 240V, 60Hz, Bolt-on type 1XSPARE	1.00	set	7,100.00	7,100.00
					-
					-
	c. Panel Boards, 2P, 10 Branches, Center Main Breaker (Bolt-on Type) MCB: 100AT, 100AF, 2P, 240v, 60Hz ACB, Branches: 9x20AT, 50AF, 2P, 240V, 60Hz ACB, 1XSPARE	1.00	set	10,200.00	10,200.00
	d. Panel Boards, 2P, 12 Branches, Center Main Breaker MCB: 300AT, 300AF, 2P, 240V, 60Hz ACB, Bolt-on type Branches: 2x20AT, 50AF, 2P, 240V, 50Hz ACB, 1x30AT, 50AF, 2P, 240V, 50Hz ACB, 1x40AT, 50AF, 2P, 240V, 50Hz ACB, 2x60AT, 60AF, 2P, 240V, 50Hz ACB, 2x100AT, 100AF, 2P, 240V, 50Hz ACB, 2 x SPARE ( MAIN PANEL SUPPLY )	1.00	set	11,950.00	11,950.00
Sub-total for E					<b>43,450.00</b>
F.	Direct Unit Cost ( C + E )				<b>46,451.35</b>
G.	Overhead Contingencies & Miscellaneous ( OCM )	12%			<b>5,574.16</b>
H.	Contractors Profit ( CP )	8%			<b>3,716.11</b>
I.	Value Added Tax ( VAT )	5%			<b>2,787.08</b>
J.	Total Unit Cost				<b>11,705.74</b>