Project : REPAIR AND IMPROVEMENT OF THE ROOFING OF GERONIMA T. PECSON HALL (MAIN BUILDING)
Subject : DETAILED ESTIMATE

Item No.	DESCRIPTION	Quantity	Unit	Unit Cost	Material Cost	Labor and Equipment Cost	Total Direct Cost	Mark-up Cost (25%)	VAT (12%)	TOTAL COST
I	**GENERAL REQUIREMENTS**									
1.00	Mobilization and demobilization	1.00	lot	₱ 195,000.00	₱ 195,000.00	₱ 0.00	₱ 195,000.00	₱ 48,750.00	₱ 29,250.00	₱ 273,000.00
2.00	Construction health and safety provision	1.00	lot	₱ 336,000.00	₱ 336,000.00	₱ 0.00	₱ 336,000.00	₱ 84,000.00	₱ 50,400.00	₱ 470,400.00
3.00	Temporary facilities	1.00	lot	₱ 175,000.00	₱ 175,000.00	₱ 0.00	₱ 175,000.00	₱ 43,750.00	₱ 26,250.00	₱ 245,000.00
4.00	Scaffolding works	1.00	lot	₱ 445,000.00	₱ 445,000.00	₱ 0.00	₱ 445,000.00	₱ 111,250.00	₱ 66,750.00	₱ 623,000.00
4.00	Tarpaulin billboard	1.00	lot	₱ 4,000.00	₱ 4,000.00	₱ 0.00	₱ 4,000.00	₱ 1,000.00	₱ 600.00	₱ 5,600.00
	Subtotal (General Requirements)						₱ 1,155,000.00	₱ 288,750.00	₱ 173,250.00	₱ 1,617,000.00
II	**STRUCTURAL WORKS**									
1.00	**Site Preparation Works**									
1.01	Orderly removal, hauling, and stockpiling of clay roof tiles	1.00	lot	₱ 644,688.00	₱ 644,688.00	₱ 0.00	₱ 644,688.00	₱ 161,172.00	₱ 96,703.20	₱ 902,563.20
1.02	Removal of battens and other dilapidated clay roofing tile accessories	1.00	lot	₱ 133,565.60	₱ 133,565.60	₱ 0.00	₱ 133,565.60	₱ 33,391.40	₱ 20,034.84	₱ 186,991.84
1.03	Removal of ceiling, including all unnecessary attachments	1.00	lot	₱ 308,935.20	₱ 308,935.20	₱ 0.00	₱ 308,935.20	₱ 77,233.80	₱ 46,340.28	₱ 432,509.28
1.04	Demolition of mezzanine at Rooms 304 and 304A	1.00	lot	₱ 34,303.50	₱ 34,303.50	₱ 0.00	₱ 34,303.50	₱ 8,575.88	₱ 5,145.53	₱ 48,024.90
1.05	Removal of paint and loose plasters of gable walls facing the roof	1.00	lot	₱ 7,571.60	₱ 7,571.60	₱ 0.00	₱ 7,571.60	₱ 1,892.90	₱ 1,135.74	₱ 10,600.24
1.06	Declogging of existing roof and deck drains	1.00	lot	₱ 10,858.00	₱ 10,858.00	₱ 0.00	₱ 10,858.00	₱ 2,714.50	₱ 1,628.70	₱ 15,201.20
1.07	Disposal of debris and site cleanup	1.00	lot	₱ 347,544.00	₱ 347,544.00	₱ 0.00	₱ 347,544.00	₱ 86,886.00	₱ 52,131.60	₱ 486,561.60
2.00	**Steel Works**									
2.01	Metal battens, 23 x 0.6mm, 5.0m L	270.00		₱ 350.00	₱ 94,500.00	₱ 40,514.81	₱ 94,500.00	₱ 23,625.00	₱ 14,175.00	₱ 132,300.00
2.02	Hat-type purlins, 45 x 0.8mm, 6.0m L	1,870.00		₱ 560.50	₱ 1,048,135.00	₱ 368,290.89	₱ 1,048,135.00	₱ 262,033.75	₱ 157,220.25	₱ 1,467,389.00
2.03	Ceiling support: LC 100 x 50 x 15 x 1.5, 6.0m L (sp. @1.20m O.C.)	280.00	pcs	₱ 525.45	₱ 147,126.00	₱ 58,821.50	₱ 147,126.00	₱ 36,781.50	₱ 22,068.90	₱ 205,976.40
2.04	Epoxy primer and rust remover for new and existing metal framing @ ±3000 sq.m. (verify)	1.00	lot	₱ 270,000.00	₱ 270,000.00	₱ 0.00	₱ 270,000.00	₱ 67,500.00	₱ 40,500.00	₱ 378,000.00
2.05	Labor and equipment	1.00	lot	₱ 467,627.21	₱ 0.00	₱ 467,627.21	₱ 467,627.21	₱ 116,906.80	₱ 70,144.08	₱ 654,678.09
3.00	**Roof Deck**									
3.01	Concrete topping, 50mm thk using G-3/8 crushed gravel, job-mix (1:2:4 by volume)	4.00	cu.m.	₱ 6,030.75	₱ 24,123.00	₱ 11,740.09	₱ 24,123.00	₱ 6,030.75	₱ 3,618.45	₱ 33,772.20
3.02	Welded wire mesh reinforcement, 150 x 150 x 6.0mm	75.30	sq.m.	₱ 175.75	₱ 13,233.98	₱ 4,539.91	₱ 13,233.98	₱ 3,308.49	₱ 1,985.10	₱ 18,527.57
3.03	Low viscosity concrete epoxy for bonding concrete topping to existing concrete slab/waterproofing	6.00	gal	₱ 4,797.00	₱ 28,782.00	₱ 5,781.20	₱ 28,782.00	₱ 7,195.50	₱ 4,317.30	₱ 40,294.80
3.04	Labor and equipment	1.00	lot	₱ 22,061.20	₱ 0.00	₱ 22,061.20	₱ 22,061.20	₱ 5,515.30	₱ 3,309.18	₱ 30,885.68
	Subtotal (Structural Works)						₱ 3,603,054.28	₱ 900,763.57	₱ 540,458.14	₱ 5,044,275.99
III	**ARCHITECTURAL WORKS**									
1.00	**Various Repair Works**									
1.01	Repair and/or replacement of damaged portions of wooden deck/undersheeting @ approx 5% of total area	1.00	lot	₱ 115,819.20	₱ 115,819.20	₱ 0.00	₱ 115,819.20	₱ 28,954.80	₱ 17,372.88	₱ 162,146.88
1.02	Replacement of dilapidated manhole frame using S/S 304 L 50 x 50 x 4.5mm, 6.0m L	1.00	lot	₱ 7,172.55	₱ 7,172.55	₱ 0.00	₱ 7,172.55	₱ 1,793.14	₱ 1,075.88	₱ 10,041.57
1.03	Replacement of manhole cover using 6.0mm thk solid polycarbonate sheet in S/S 304 L 50 x 50 x 4.5mm frame, approx. 1.00m x 1.00m	1.00	lot	₱ 17,784.90	₱ 17,784.90	₱ 0.00	₱ 17,784.90	₱ 4,446.23	₱ 2,667.74	₱ 24,898.86
1.04	Gable wall repair/replastering works @ ±60 sq.m.	1.00	lot	₱ 11,907.00	₱ 11,907.00	₱ 0.00	₱ 11,907.00	₱ 2,976.75	₱ 1,786.05	₱ 16,669.80
1.05	Repair and/or replacement of broken/dilapidated parts of existing wooden fascia boards and truss/rafter tails	1.00	lot	₱ 88,971.75	₱ 88,971.75	₱ 0.00	₱ 88,971.75	₱ 22,242.94	₱ 13,345.76	₱ 124,560.45

2.00	**Waterproofing Works**									
2.01	Polyurethane-based liquid-applied waterproofing membrane (min. 2 coats) on roof deck and gable walls	134.70	sq.m.	₱ 1,119.40	₱ 150,783.18	₱ 48,592.35	₱ 150,783.18	₱ 37,695.80	₱ 22,617.48	₱ 211,096.45
2.02	Elastomeric paint on gable walls @ ±60 sq.m.	1.00	lot	₱ 12,159.00	₱ 12,159.00	₱ 0.00	₱ 12,159.00	₱ 3,039.75	₱ 1,823.85	₱ 17,022.60
2.03	Labor and equipment	1.00	lot	₱ 48,592.35	₱ 0.00	₱ 48,592.35	₱ 48,592.35	₱ 12,148.09	₱ 7,288.85	₱ 68,029.29
3.00	**Roofing Works**									
3.01	Stone-coated metal tile roof, 0.5mm thk, (verify color)	3,226.30	sq.m.	₱ 1,401.25	₱ 4,520,852.88	₱ 979,340.14	₱ 4,520,852.88	₱ 1,130,213.22	₱ 678,127.93	₱ 6,329,194.03
3.02	Stone-coated ridge cap, 8' x 18" x 0.5mm	120.00	pcs	₱ 1,197.00	₱ 143,640.00	₱ 13,502.62	₱ 143,640.00	₱ 35,910.00	₱ 21,546.00	₱ 201,096.00
3.03	Stone-coated wall flashing, 8' x 18" x 0.5mm	35.00	pcs	₱ 1,197.00	₱ 41,895.00	₱ 22,841.92	₱ 41,895.00	₱ 10,473.75	₱ 6,284.25	₱ 58,653.00
3.04	Stone-coated valley gutter, 8' x 18" x 0.5mm	51.00	pcs	₱ 1,197.00	₱ 61,047.00	₱ 37,154.40	₱ 61,047.00	₱ 15,261.75	₱ 9,157.05	₱ 85,465.80
3.05	Customized stone-coated Spanish gutter, cut from 8' x 36" x 0.6mm	181.00	pcs	₱ 2,536.50	₱ 459,106.50	₱ 109,884.74	₱ 459,106.50	₱ 114,776.63	₱ 68,865.98	₱ 642,749.10
3.06	Stainless steel inside gutter, 8' x 24" x 0.6mm	12.00	pcs	₱ 1,871.50	₱ 22,458.00	₱ 9,789.40	₱ 22,458.00	₱ 5,614.50	₱ 3,368.70	₱ 31,441.20
3.07	Waterproof underlayment: 30RF standard roofing felt	3,226.30	sq.m.	₱ 218.50	₱ 704,946.55	₱ 744,877.82	₱ 704,946.55	₱ 176,236.64	₱ 105,741.98	₱ 986,925.17
3.08	Miscellaneous and consumables	1.00	lot	₱ 182,362.00	₱ 182,362.00	₱ 0.00	₱ 182,362.00	₱ 45,590.50	₱ 27,354.30	₱ 255,306.80
3.09	Labor and equipment	1.00	lot	₱ 1,917,391.03	₱ 0.00	1,917,391.03	₱ 1,917,391.03	₱ 479,347.76	₱ 287,608.65	₱ 2,684,347.44
4.00	**Ceiling Works**									
	Hallway Ceiling: Flat Ceiling									
4.01	4.5mm thk fiber cement board	497.00	sq.m.	₱ 189.00	₱ 93,933.00	₱ 31,962.27	₱ 93,933.00	₱ 23,483.25	₱ 14,089.95	₱ 131,506.20
4.02	Light gauge metal framing spaced at 0.40m O.C.	497.00	sq.m.	₱ 157.50	₱ 78,277.50	₱ 29,964.63	₱ 78,277.50	₱ 19,569.38	₱ 11,741.63	₱ 109,588.50
4.03	Hangers and supports: Ø10 GI threaded rod and accessories	1.00	lot	₱ 36,171.00	₱ 36,171.00	₱ 0.00	₱ 36,171.00	₱ 9,042.75	₱ 5,425.65	₱ 50,639.40
4.04	Labor and equipment	1.00	lot	₱ 61,926.90	₱ 0.00	₱ 61,926.90	₱ 61,926.90	₱ 15,481.72	₱ 9,289.03	₱ 86,697.65
	Room Ceiling: T-Runner Ceiling System									
4.05	4.5mm thk fiber cement board cut to 600 x 600mm tiles	1,038.30	sq.m.	₱ 189.00	₱ 196,238.70	₱ 77,046.33	₱ 196,238.70	₱ 49,059.68	₱ 29,435.81	₱ 274,734.18
4.06	Tee-runner ceiling suspension ceiling grid system, HD hot-dipped galvanized steel	1,038.30	sq.m.	₱ 225.00	₱ 233,617.50	₱ 74,192.76	₱ 233,617.50	₱ 58,404.38	₱ 35,042.63	₱ 327,064.50
4.07	Hangers and supports: Ø10 GI threaded rod and accessories	1.00	lot	₱ 79,524.00	₱ 79,524.00	₱ 0.00	₱ 79,524.00	₱ 19,881.00	₱ 11,928.60	₱ 111,333.60
4.08	Labor and equipment	1.00	lot	₱ 151,239.10	₱ 0.00	₱ 151,239.10	₱ 151,239.10	₱ 37,809.77	₱ 22,685.86	₱ 211,734.74
	Main Auditorium Ceiling: Recessed Ceiling (Same design as existing)									
4.05	4.5mm thk fiber cement board	318.60	sq.m.	₱ 243.00	₱ 77,419.80	₱ 30,733.94	₱ 77,419.80	₱ 19,354.95	₱ 11,612.97	₱ 108,387.72
4.06	Light gauge metal framing spaced at 0.40m O.C.	318.60	sq.m.	₱ 189.00	₱ 60,215.40	₱ 25,611.62	₱ 60,215.40	₱ 15,053.85	₱ 9,032.31	₱ 84,301.56
4.07	Hangers and supports: Ø10 GI threaded rod and accessories	1.00	lot	₱ 27,526.50	₱ 27,526.50	₱ 0.00	₱ 27,526.50	₱ 6,881.63	₱ 4,128.98	₱ 38,537.10
4.08	Wood cornices and mouldings (same design as existing)	135.10	l.m.	₱ 612.00	₱ 82,681.20	₱ 23,695.46	₱ 82,681.20	₱ 20,670.30	₱ 12,402.18	₱ 115,753.68
4.09	Labor and equipment	1.00	lot	₱ 80,041.02	₱ 0.00	₱ 80,041.02	₱ 80,041.02	₱ 20,010.25	₱ 12,006.15	₱ 112,057.42
4.00	**Painting/Repainting Works**									
4.01	Repainting of existing wooden fascia boards and soffit (at eaves), including truss/rafter tails @ ±2000 sq.m.	1.00	lot	₱ 243,750.00	₱ 243,750.00	₱ 0.00	₱ 243,750.00	₱ 60,937.50	₱ 36,562.50	₱ 341,250.00
4.02	Painting of auditorium ceiling, semi-gloss/flat latex	340.10	sq.m.	₱ 195.00	₱ 66,319.50	₱ 125,309.13	₱ 66,319.50	₱ 16,579.88	₱ 9,947.93	₱ 92,847.30
4.03	Painting of auditorium wood mouldings and cornices, quick-dry enamel	1.00	lot	₱ 9,876.75	₱ 9,876.75	₱ 0.00	₱ 9,876.75	₱ 2,469.19	₱ 1,481.51	₱ 13,827.45
4.04	Labor and equipment	1.00	lot	₱ 125,309.13	₱ 0.00	₱ 125,309.13	₱ 125,309.13	₱ 31,327.28	₱ 18,796.37	₱ 175,432.78
	Subtotal (Architectural Works)						₱ 10,210,955.87	₱ 2,552,738.97	₱ 1,531,643.38	₱ 14,295,338.22
IV	**PLUMBING WORKS**									
1.00	**Repair and Adjustment of Downspouts**									
1.01	PVC pipe, Ø150mm x 3.0m L	8.00	pcs	₱ 2,242.50	₱ 17,940.00	₱ 38,731.97	₱ 17,940.00	₱ 4,485.00	₱ 2,691.00	₱ 25,116.00
1.02	PVC pipe, Ø100mm x 3.0m L	8.00	pcs	₱ 745.88	₱ 5,967.00	₱ 33,890.47	₱ 5,967.00	₱ 1,491.75	₱ 895.05	₱ 8,353.80
1.03	PVC fittings and accessories	1.00	lot	₱ 5,976.75	₱ 5,976.75	₱ 0.00	₱ 5,976.75	₱ 1,494.19	₱ 896.51	₱ 8,367.45
1.04	Customized downspout clamps made from 50 x 6.0mm flat bars @ ±1,200 sets	1.00	lot	₱ 135,622.50	₱ 135,622.50	₱ 0.00	₱ 135,622.50	₱ 33,905.63	₱ 20,343.38	₱ 189,871.50
1.05	Labor and equipment	1.00	lot	₱ 72,622.44	₱ 0.00	₱ 72,622.44	₱ 72,622.44	₱ 18,155.61	₱ 10,893.37	₱ 101,671.42
2.00	**Roof Drains and Accessories**								₱ -	
2.01	Aluminum mesh gutter guard @ 6" x 20' per roll	65.00	rls	₱ 360.75	₱ 23,448.75	₱ 9,477.43	₱ 23,448.75	₱ 5,862.19	₱ 3,517.31	₱ 32,828.25
2.02	T304 s/s gutter/downspout strainer	66.00	pcs	₱ 633.75	₱ 41,827.50	₱ 9,794.97	₱ 41,827.50	₱ 10,456.88	₱ 6,274.13	₱ 58,558.50
2.03	Parapet roof drain with angled strainer, heavy duty stainless-steel or cast aluminum finish	2.00	sets	₱ 1,901.25	₱ 3,802.50	₱ 964.66	₱ 3,802.50	₱ 950.63	₱ 570.38	₱ 5,323.50

2.04	Labor and equipment	1.00	lot	₱ 20,237.05	₱ 0.00	₱ 20,237.05	₱ 20,237.05	₱ 5,059.26	₱ 3,035.56	₱ 28,331.87
	Subtotal (Plumbing Works)						₱ 327,444.49	₱ 81,861.12	₱ 49,116.67	₱ 458,422.29
V	**ELECTRICAL WORKS**									
1.0	**Roughing-ins**									
1.01	40 mm Φ PVC pipe	20.00	pcs	₱ 339.83	₱ 6,796.50	₱ 0.00	₱ 6,796.50	₱ 1,699.13	₱ 1,019.48	₱ 9,515.10
1.02	25 mm Φ PVC pipe	350.00	pcs	₱ 216.92	₱ 75,920.85	₱ 0.00	₱ 75,920.85	₱ 18,980.21	₱ 11,388.13	₱ 106,289.18
1.03	20 mm Φ PVC pipe	824.00	pcs	₱ 173.33	₱ 142,824.29	₱ 0.00	₱ 142,824.29	₱ 35,706.07	₱ 21,423.64	₱ 199,954.01
1.04	15 mm Φ flexible metal	300.00	lm	₱ 96.42	₱ 28,926.50	₱ 0.00	₱ 28,926.50	₱ 7,231.62	₱ 4,338.97	₱ 40,497.09
1.05	4" x 4" metal junction box ga. 16 w/ cover	250.00	pcs	₱ 84.77	₱ 21,192.28	₱ 0.00	₱ 21,192.28	₱ 5,298.07	₱ 3,178.84	₱ 29,669.19
1.06	2" x 4" metal utility box ga. 16	100.00	pcs	₱ 66.71	₱ 6,671.41	₱ 0.00	₱ 6,671.41	₱ 1,667.85	₱ 1,000.71	₱ 9,339.97
1.07	20 mm Φ PVC male adaptor w/ locknut	498.00	pcs	₱ 22.92	₱ 11,414.63	₱ 0.00	₱ 11,414.63	₱ 2,853.66	₱ 1,712.19	₱ 15,980.49
1.08	25 mm ΦPVC male adaptor w/ locknut	285.00	pcs	₱ 37.65	₱ 10,729.31	₱ 0.00	₱ 10,729.31	₱ 2,682.33	₱ 1,609.40	₱ 15,021.03
1.09	15 mm Φ connector w/ locknut and bushing	300.00	pcs	₱ 25.87	₱ 7,759.83	₱ 0.00	₱ 7,759.83	₱ 1,939.96	₱ 1,163.97	₱ 10,863.76
1.10	3/8" full thread rod	200.00	pcs	₱ 368.14	₱ 73,628.75	₱ 0.00	₱ 73,628.75	₱ 18,407.19	₱ 11,044.31	₱ 103,080.25
1.11	3/8" nut and washer	1,500.00	pcs	₱ 11.14	₱ 16,710.53	₱ 0.00	₱ 16,710.53	₱ 4,177.63	₱ 2,506.58	₱ 23,394.74
1.12	2"x2" angle bar	100.00	pcs	₱ 1,104.43	₱ 110,443.13	₱ 0.00	₱ 110,443.13	₱ 27,610.78	₱ 16,566.47	₱ 154,620.38
1.13	welding rod	35.00	kgs	₱ 73.63	₱ 2,577.01	₱ 0.00	₱ 2,577.01	₱ 644.25	₱ 386.55	₱ 3,607.81
1.14	G.I. pull wire	50.00	kgs	₱ 198.86	₱ 9,943.08	₱ 0.00	₱ 9,943.08	₱ 2,485.77	₱ 1,491.46	₱ 13,920.32
1.15	Heat Gun	3.00	pcs	₱ 3,201.25	₱ 9,603.75	₱ 0.00	₱ 9,603.75	₱ 2,400.94	₱ 1,440.56	₱ 13,445.25
1.16	25 mm Φ U-Bolt	400.00	pcs	₱ 22.92	₱ 9,168.38	₱ 0.00	₱ 9,168.38	₱ 2,292.10	₱ 1,375.26	₱ 12,835.73
1.17	20 mm Φ U-Bolt	950.00	pcs	₱ 18.44	₱ 17,517.24	₱ 0.00	₱ 17,517.24	₱ 4,379.31	₱ 2,627.59	₱ 24,524.14
1.18	hacksaw blade	10.00	pcs	₱ 73.63	₱ 736.29	₱ 0.00	₱ 736.29	₱ 184.07	₱ 110.44	₱ 1,030.80
1.19	Labor and equipment	1.00	lot	₱ 163,303.36	₱ 0.00	₱ 163,303.36	₱ 163,303.36	₱ 40,825.84	₱ 24,495.50	₱ 228,624.70
2.0	**Wires and Accessories**									
2.01	250sqmm THHN Stranded Wire RYB	99.00	lm	₱ 4,678.75	₱ 463,196.25	₱ 0.00	₱ 463,196.25	₱ 115,799.06	₱ 69,479.44	₱ 648,474.75
2.02	125sqmm THHN Stranded Wire RYB	30.00	lm	₱ 1,910.90	₱ 57,327.00	₱ 0.00	₱ 57,327.00	₱ 14,331.75	₱ 8,599.05	₱ 80,257.80
2.02	60sqmm THHN Stranded Wire Green	33.00	lm	₱ 803.76	₱ 26,524.08	₱ 0.00	₱ 26,524.08	₱ 6,631.02	₱ 3,978.61	₱ 37,133.71
2.03	50sqmm THHN Stranded Wire RYB	35.00	lm	₱ 587.06	₱ 20,547.10	₱ 0.00	₱ 20,547.10	₱ 5,136.78	₱ 3,082.07	₱ 28,765.94
2.04	14sqmm THHN Stranded Wire Green	52.00	lm	₱ 195.03	₱ 10,141.56	₱ 0.00	₱ 10,141.56	₱ 2,535.39	₱ 1,521.23	₱ 14,198.18
2.05	5.5sqmm THHN Stranded Wire 150 M	16.00	roll	₱ 11,302.88	₱ 180,846.00	₱ 0.00	₱ 180,846.00	₱ 45,211.50	₱ 27,126.90	₱ 253,184.40
2.06	3.5sqmm THHN Stranded Wire 150M	50.00	roll	₱ 5,466.75	₱ 273,337.50	₱ 0.00	₱ 273,337.50	₱ 68,334.38	₱ 41,000.63	₱ 382,672.50
2.07	Electrical Tape	50.00	pcs	₱ 64.03	₱ 3,201.25	₱ 0.00	₱ 3,201.25	₱ 800.31	₱ 480.19	₱ 4,481.75
2.08	Labor and equipment	1.00	lot	₱ 297,816.75	₱ 0.00	₱ 297,816.75	₱ 297,816.75	₱ 74,454.19	₱ 44,672.51	₱ 416,943.45
3.0	**Wiring Devices**									
3.1	One-Gang Single Switch Wide Series	7.00	set	₱ 223.19	₱ 1,562.34	₱ 0.00	₱ 1,562.34	₱ 390.58	₱ 234.35	₱ 2,187.27
3.2	Two-Gang Single Switch Wide Series	11.00	set	₱ 357.00	₱ 3,927.04	₱ 0.00	₱ 3,927.04	₱ 981.76	₱ 589.06	₱ 5,497.85
3.3	Three-Gang Single Switch Wide Series	11.00	set	₱ 489.54	₱ 5,384.89	₱ 0.00	₱ 5,384.89	₱ 1,346.22	₱ 807.73	₱ 7,538.84
3.4	Three-Gang Three Way Switch Wide Series	4.00	set	₱ 666.37	₱ 2,665.49	₱ 0.00	₱ 2,665.49	₱ 666.37	₱ 399.82	₱ 3,731.68
3.5	One-Gang Conveniece Outlet Wide Series	51.00	set	₱ 272.49	₱ 13,897.01	₱ 0.00	₱ 13,897.01	₱ 3,474.25	₱ 2,084.55	₱ 19,455.81
	Labor and equipment	1.00	lot	₱ 8,165.17	₱ 0.00	₱ 8,165.17	₱ 8,165.17	₱ 2,041.29	₱ 1,224.78	₱ 11,431.24
4.0	**Panels and Boxes**									
4.1	MDP-PB (Industrial type MCCB)	1.00	assy	₱ 900,854.60	₱ 900,854.60	₱ 0.00	₱ 900,854.60	₱ 225,213.65	₱ 135,128.19	₱ 1,261,196.44
	Main: 1600AT,3P,65 KAIC Industrial type									
	Branches: 2-500AT, 3P,50 KAIC 630 AF									
	2-400AT, 3P,50 KAIC 400 AF									
	2-250AT, 3P,36 KAIC 250 AF									
	2-200AT, 3P,36 KAIC 250 AF									
4.2	PPGF (Industrial type MCCB)	1.00	assy	₱ 290,643.31	₱ 290,643.31	₱ 0.00	₱ 290,643.31	₱ 72,660.83	₱ 43,596.50	₱ 406,900.63
	Main: 500AT,3P,50KAIC 630 AF									
	Branches: 2-200AT, 3P 36 KAIC 250 AF									
	4-160AT, 3P 36 KAIC 250 AF									
	4-100AT, 2P 30 KAIC 100AF									
4.3	LPGF (Miniature type CB)	1.00	assy	₱ 77,432.52	₱ 77,432.52	₱ 0.00	₱ 77,432.52	₱ 19,358.13	₱ 11,614.88	₱ 108,405.53
	Main: 100AT,3P,30KAIC 100AF MCCB									
	Branches: 2-50AT, 2P 6 KAIC MCB									

	12-20AT, 2P 6 KAIC MCB									
4.4	PP2F(Industrial type MCCB)	1.00	assy	₱ 109,109.73	₱ 109,109.73	₱ 0.00	₱ 109,109.73	₱ 27,277.43	₱ 16,366.46	₱ 152,753.62
	Main: 250AT,3P,36KAIC,250 AF MCCB									
	Branches: 2-160 AT, 3P 30 KAIC, 250 AF MCCB									
	4-100AT, 2P 30 KAIC, 100 AF MCCB									
	4-50AT, 2P 30 KAIC, 100 AF MCCB									
4.5	LP2F(Miniature type CB)	1.00	assy	₱ 67,244.57	₱ 67,244.57	₱ 0.00	₱ 67,244.57	₱ 16,811.14	₱ 10,086.69	₱ 94,142.40
	Main: 100AT,3P,30KAIC 100AF MCCB									
	Branches: 2-50AT, 2P 6 KAIC MCB									
	4-32AT, 2P 6 KAIC MCB									
	12-20AT, 2P 6 KAIC MCB									
4.4	PP3F(Industrial type MCCB)	1.00	assy	₱ 109,109.73	₱ 109,109.73	₱ 0.00	₱ 109,109.73	₱ 27,277.43	₱ 16,366.46	₱ 152,753.62
	Main: 250AT,3P,36KAIC,250 AF MCCB									
	Branches: 2-160 AT, 3P 30 KAIC, 250 AF MCCB									
	4-100AT, 2P 30 KAIC, 100 AF MCCB									
	4-50AT, 2P 30 KAIC, 100 AF MCCB									
4.5	LP3F(Miniature type CB)	1.00	assy	₱ 67,244.57	₱ 67,244.57	₱ 0.00	₱ 67,244.57	₱ 16,811.14	₱ 10,086.69	₱ 94,142.40
	Main: 100AT,3P,30KAIC 100AF MCCB									
	Branches: 2-50AT, 2P 6 KAIC MCB									
	4-32AT, 2P 6 KAIC MCB									
	12-20AT, 2P 6 KAIC MCB									
4.7	12'X 12' X 6' Pull Box	2.00	set	₱ 3,792.25	₱ 7,584.50	₱ 0.00	₱ 7,584.50	₱ 1,896.13	₱ 1,137.68	₱ 10,618.30
	Led Driver Panel 16"X16"X8" Powder Coated Metal Box	1.00	set	₱ 4,210.88	₱ 4,210.88	₱ 0.00	₱ 4,210.88	₱ 1,052.72	₱ 631.63	₱ 5,895.23
	Labor and equipment	1.00	lot	₱ 395,013.31	₱ 0.00	₱ 395,013.31	₱ 395,013.31	₱ 98,753.33	₱ 59,252.00	₱ 553,018.63
5.0	**Lighting Fixture and Ceiling Equipment**									
5.01	15 Watts LED Slim Type Recessed Downlight (DL)	46.00	set	₱ 1,132.75	₱ 52,106.50	₱ 0.00	₱ 52,106.50	₱ 13,026.63	₱ 7,815.98	₱ 72,949.10
5.02	30 Watts LED Slim Type Recessed Spotlight (DL)	24.00	set	₱ 2,117.75	₱ 50,826.00	₱ 0.00	₱ 50,826.00	₱ 12,706.50	₱ 7,623.90	₱ 71,156.40
5.03	2-18 Tubular LED in 1200 x 600 Surface Mounted Troffer Type Fixture	57.00	set	₱ 2,211.33	₱ 126,045.53	₱ 0.00	₱ 126,045.53	₱ 31,511.38	₱ 18,906.83	₱ 176,463.74
5.04	2-18 Tubular LED in 1200 x 600 Recessed Troffer Type Fixture	69.00	set	₱ 2,211.33	₱ 152,581.43	₱ 0.00	₱ 152,581.43	₱ 38,145.36	₱ 22,887.21	₱ 213,614.00
5.05	1-18 Tubular LED in 1200 x 300 Surface Mounted Troffer Type Fixture	30.00	set	₱ 2,019.25	₱ 60,577.50	₱ 0.00	₱ 60,577.50	₱ 15,144.38	₱ 9,086.63	₱ 84,808.50
5.06	5050, 60 LED's Cove Lights /Strip Lights 12 volts Warm White	140.00	lm	₱ 413.70	₱ 57,918.00	₱ 0.00	₱ 57,918.00	₱ 14,479.50	₱ 8,687.70	₱ 81,085.20
5.07	400Wattts LED Strip Lights Driver	6.00	set	₱ 3,196.33	₱ 19,177.95	₱ 0.00	₱ 19,177.95	₱ 4,794.49	₱ 2,876.69	₱ 26,849.13
5.08	LED Emergency Light	39.00	set	₱ 2,019.25	₱ 78,750.75	₱ 0.00	₱ 78,750.75	₱ 19,687.69	₱ 11,812.61	₱ 110,251.05
5.09	Lighted Exit Sign Single Face	2.00	set	₱ 1,920.75	₱ 3,841.50	₱ 0.00	₱ 3,841.50	₱ 960.38	₱ 576.23	₱ 5,378.10
5.10	Lighted Exit Sign Double Face	4.00	set	₱ 2,551.15	₱ 10,204.60	₱ 0.00	₱ 10,204.60	₱ 2,551.15	₱ 1,530.69	₱ 14,286.44
5.11	Consumables	1.00	lot	₱ 14,775.00	₱ 14,775.00	₱ 0.00	₱ 14,775.00	₱ 3,693.75	₱ 2,216.25	₱ 20,685.00
5.12	Labor and equipment	1.00	lot	₱ 188,819.52	₱ 0.00	₱ 188,819.52	₱ 188,819.52	₱ 47,204.88	₱ 28,322.93	₱ 264,347.33
5.0	**Testing and Commisioning (Panel and New Wirings)**									
	Insulation Test, Live Test, Current Test, Continuity Test	1.00	lot	₱ 132,975.00	₱ 132,975.00	₱ 0.00	₱ 132,975.00	₱ 33,243.75	₱ 19,946.25	₱ 186,165.00
6.0	**FDAS**									
	Dismantling and reinstallation of FDAS and public address devices	1.00	lot	₱ 98,500.00	₱ 98,500.00	₱ 0.00	₱ 98,500.00	₱ 24,625.00	₱ 14,775.00	₱ 137,900.00
	Subtotal (Electrical Works)						₱ 5,169,953.50	₱ 1,292,488.38	₱ 775,493.03	₱ 7,237,934.90
							₱ 20,466,408.15		**Grand Total Cost**	**₱ 28,652,971.41**

Prepared by:

GUILLAND CONSTRUCTION AND TRADING