Project: REPAIR & IMPROVEMENT OF COMMERCIAL STALLS ALONG SAN MARCELINO

Subject: BILL OF QUANTITIES

Date: March 30, 2026

Item No.	DESCRIPTION	Quantity	Unit	Unit Cost (PhP)	Amount (PhP)
I	**GENERAL REQUIREMENTS**				
1.0	Mobilization/demobilization	1.00	lot	50,000.00	50,000.00
2.0	Construction safety and health	1.00	lot	55,000.00	55,000.00
3.0	Temporary facilities	1.00	lot	30,000.00	30,000.00
4.0	Scaffolding works	1.00	lot	45,000.00	45,000.00
5.0	Project Billboard	1.00	set	4,950.00	4,950.00
6.0	Permits and licenses in the Philippines (Building Permit, Barangay Clearance, and Fire Safety Inspection Certificate, etc.)	1.00	lot	150,000.00	150,000.00
	Subtotal (General Requirements)				**334,950.00**
II	**STRUCTURAL WORKS**				
1.00	**Demolition and Earthworks**				
1.01	Demolition, Dismantling, Removal and Replacement Works of existing structures, including extension of OLD ITL *(see plan for further details)*	1.00	lot	45,600.00	45,600.00
1.02	Adjustment and Restoration of affected existing pipes and conduits	1.00	lot	5,000.00	5,000.00
1.03	Adjustment of existing Grills and Aircon at OLD ITL *(see plan for further details)*	1.00	lot	19,684.00	19,684.00
1.04	Trimming of Trees	1.00	lot	6,500.00	6,500.00
1.05	Structure Excavation (Footings/Wall Footings)	1.00	lot	12,500.00	12,500.00
1.06	Backfill and Compaction (Common Borrow)	1.00	lot	5,250.00	5,250.00
1.07	Gravel Bedding	1.00	lot	16,250.00	16,250.00
1.08	Hauling and Disposal of Debris and Site Cleanup	1.00	lot	12,720.00	12,720.00
2.00	**Reinforced Concrete Works**				
2.01	Concrete, job-mix (1:2:4 by volume)	20.80	cu.m.	5,500.00	114,400.00
2.02	Rebars (Grade 40)	2,538.90	kgs	49.00	124,406.10
2.03	Formworks & Falseworks	126.30	sq.m.	550.00	69,465.00
2.04	Labor and use of tools	1.00	lot	110,890.00	110,890.00
3.00	***Steel Works***				
3.01	Various angle bars (trusses, wall angles, cleats, fascia board/gutter supports, etc)	1,358.30	kgs	62.00	84,214.60
3.02	C-purlins, LC 100 x 50 x 2.0, 6.0m L (submit technical data sheet)	140.00	lgts	920.00	128,800.00
3.03	Tubular, LR 100 x 50 x 4mm, 6.0m L	1.00	lgts	3,710.00	3,710.00
3.04	Tubular, LR 100 x 50 x 3mm, 6.0m L	2.00	lgts	2,785.00	5,570.00
3.05	Tubular,LR 100 x 50 x 2mm, 6.0m L	12.00	lgts	1,860.00	22,320.00
3.06	Tubular, LS 50 x 2mm, 6.0m L	2.00	lgts	1,240.00	2,480.00
3.07	Various plates	52.90	kgs	52.00	2,750.80
	Anchors and Fasteners				
3.08	M16 x 170 Chemical Bolts HDG, Carbon Steel 8.8	36.00	prs	510.00	18,360.00
3.09	M10 x 130 Chemical Bolts HDG, Carbon Steel 8.8	48.00	prs	230.00	11,040.00
3.10	M16 x 300 x 50 L-type A325 anchor bolts	12.00	pcs	360.00	4,320.00
3.11	M10 x 150 x 50 L-type A325 anchor bolts	6.00	pcs	95.00	570.00
3.12	Miscellaneous Bolts and Anchors	1.00	lot	12,450.00	12,450.00
3.13	Epoxy primer	1.00	lot	25,100.00	25,100.00
3.14	Miscellaneous and consumables	1.00	lot	10,055.00	10,055.00
3.15	Lateral supports, etc	1.00	lot	Use existing materials	
3.15	Labor and use of tools	1.00	lot	147,950.00	147,950.00

Item No.	DESCRIPTION	Quantity	Unit	Unit Cost (PhP)	Amount (PhP)
2.01	PVC Sanitary Pipes (4", 3", 2" - S-1000)	1.00	lot	32,500.00	32,500.00
2.02	PPR Water Line Pipes (PN-20 w/ Fittings)	1.00	lot	19,800.00	19,800.00
2.03	Downspouts and storm drain lines, uPVC Series 1000, with fittings and accessories, including metal clamps	1.00	lot	22,000.00	22,000.00
2.04	Labor and use of tools	1.00	lot	85,570.00	85,570.00
	Subtotal (Plumbing Works)				**494,410.00**
VI	**ELECTRICAL WORKS**				
1.00	**Roughing-ins**				
1.01	40 mm Φ PVC pipe	85	pcs	345.00	29,325.00
1.02	20 mm Φ PVC pipe	220	pcs	175.00	38,500.00
1.03	20 mm Φ flexible metal	100	lm	97.00	9,700.00
1.04	4" x 4" metal junction box ga. 16 w/ cover	120	pcs	86.00	10,320.00
1.05	2" x 4" metal utility box ga. 16	135	pcs	67.00	9,045.00
1.06	40 mm Φ PVC male adaptor w/ locknut	25	pcs	34.50	862.50
1.07	20 mm Φ PVC male adaptor w/ locknut	380	pcs	23.00	8,740.00
1.08	40 mm Φ PVC elbow	25	pcs	154.00	3,850.00
1.09	20 mm Φ PVC elbow	200	pcs	75.00	15,000.00
1.10	40 mm Φ emt 2 hole clamp	50	pcs	20.50	1,025.00
1.11	20 mm Φ emt 2 hole clamp	320	pcs	15.50	4,960.00
1.12	Straight connectror metal	95	pcs	49.00	4,655.00
1.13	mica tube	120	lm	68.00	8,160.00
1.14	G.I. pull wire	20	kgs	201.00	4,020.00
1.15	Heat Gun	1	pcs	2,500.00	2,500.00
1.16	hacksaw blade	10	pcs	74.75	747.50
1.17	Labor and equipment	1	lot	45,423.00	45,423.00
2.00	**Wires and Accessories (submit technical data sheet)**				
2.01	8.0sqmm THHN Stranded Wire Green	950	lm	108.00	102,600.00
2.02	5.5sqmm THHN Stranded Wire 150 M	6	roll	11,475.00	68,850.00
2.03	3.5sqmm THHN Stranded Wire 150M	25	roll	6,250.00	156,250.00
2.04	Electrical Tape	50	pcs	65.00	3,250.00
2.05	Labor and equipment	1	lot	99,285.00	99,285.00
3.00	**Wiring Devices (submit technical data sheet)**				
3.01	One-Gang Single Switch Wide Series	9	set	276.00	2,484.00
3.02	Two-Gang Single Switch Wide Series	17	set	362.00	6,154.00
3.03	Three-Gang Single Switch Wide Series	16	set	415.00	6,640.00
3.04	One-Gang Conveniece Outlet Wide Series	9	set	276.00	2,484.00
3.05	Duplex Conveniece Outlet Wide Series	46	set	380.00	17,480.00
3.06	Aircon Outlet	10	set	250.00	2,500.00
3.07	GFCI Outlet	8	set	2,500.00	20,000.00
3.08	Labor and equipment	1	lot	11,322.60	11,322.60
4.00	**Panels and Boxes (submit technical data sheet)**				
4.01	PP Stall (Miniature type CB) Powder Coated	8	assy	35,540.00	284,320.00
	Main: 50AT,2P,25KAIC 100AF MCCB				
	Branches: 2-32AT, 2P 6 KAIC MCB				
	4-20AT, 2P 6 KAIC MCB				
4.02	PP Stall PNU (Miniature type CB) Powder Coated	1	assy	35,540.00	35,540.00
	Main: 50AT,2P,25KAIC 100AF MCCB				
	Branches: 2-32AT, 2P 6 KAIC MCB				
	4-20AT, 2P 6 KAIC MCB				
4.03	Labor and equipment	1	lot	95,958.00	95,958.00
5.00	**Lighting Fixture and Ceiling Equipment (submit technical data sheet)**				
5.01	12 Watts LED Slim TypeSurface Mounted TRI-COLOR	77	set	980.00	75,460.00
5.02	9 watts pendant light dieccast Warm white	5	set	1,250.00	6,250.00
5.03	40 to 48 WATTS 60 X 60 LED Panel Lights	6	set	3,669.00	22,014.00
5.04	LED Emergency Light	9	set	2,050.00	18,450.00

Item No.	DESCRIPTION	Quantity	Unit	Unit Cost (PhP)	Amount (PhP)
5.05	Consumables	1	lot	15,000.00	15,000.00
5.06	Labor and equipment	1	lot	41,152.20	41,152.20
6.00	**Testing and Commisioning (Panel and New Wirings)**				
6.01	Insulation Test, Live Test, Continuity Test	1	lot	25,000.00	25,000.00
7.00	**Others**				
7.01	Battery-Operated Smoke Detector with 9 volts battery (submit technical data sheet)	10	pcs	1,099.00	10,990.00
	Subtotal (Electrical Works)				**1,326,266.80**
	TOTAL DIRECT COST				**6,511,336.34**
	INDIRECT COST				
	OCM				741,166.36
	Contractor's profit				480,923.19
	VAT				928,011.11
	TOTAL COST				**8,661,437.00**

Structural and Architectural Works
Prepared by:

ALFREDO G. ALARCON, JR.
Civil Engineer, FMSO

Electrical, Mechanical, and IT Works
Prepared by:

MARK ANTHONY AMUL
Electrical Engineer, FMSO

Recommended by:

JOHN P. NATIVIDAD, PHD
Director, FMSO