



UNIVERSITY OF THE PHILIPPINES MANILA
Campus Planning, Development and Maintenance Office
 Padre Faura St. Ermita, Manila 1000, Philippines
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PROJECT : UPGRADING OF SERVICE ENTRANCE AND LOW-VOLTAGE SWITCH GEAR (LVSG)

LOCATION : College of Dentistry
 University of the Philippines Manila

SUBJECT : BID FORM

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
1.00	GENERAL REQUIREMENTS				
	Mobilization and Demobilization	1.00	lot		
	Tempfacil/Storage, signages, barricades.	1.00	lot		
	Health and Safety (PPE, Medkit, Medical check-up/testing as required for new normal etc.)	1.00	lot		
	Electrical Permit	1.00	lot		
	TOTAL GENERAL REQUIREMENTS			Php	
2.00	ARCHITECTURAL WORKS				
	Preparation Works				
	Dismantling of existing door	1.00	set/s		
	Doors & Windows				
	D-1 Full Louvered Metal Single Panel Door Jamb: GA #16 Galvanized Iron Louver: GA # 18 Galvanized Iron Full Handle Flush Bolt Dimension: 0.90m x 2.10m	1.00	set/s		
	Existing Window Repair and repainting of existing window	1.00	set/s		
	Painting Works				
	Surface Preparation (scraping of old paint and sanding including restoration for damaged concrete topping)	80.90	sqm		
	Self-cleaning anti-bacterial and de-odorizing exterior Painting (including spot puttying)	80.90	sqm		
	TOTAL ARCHITECTURAL			Php	
3.00	CIVIL WORKS				
	Earth Works				
	Excavation	59.06	m³		
	Backfilling & Compacting	27.56	m³		
	Disposal of excess excavated materials	31.50	m³		
	Concrete Works				
	Cement	213.00	bags		
	Sand	12.00	m³		

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	Gravel	24.00	m³		
	Gravel bedding	3.75	m³		
	Reinforcing Steel Bars (MANHOLE)				
	10mmø x 6.00m RSB	6.00	pcs		
	Tie wire	1.00	kg		
	Formworks				
	Formworks	1.00	lot		
	MASONRY WORKS				
	6" x 8" x 16" CHB				
	6" x 8" x 16" CHB	144.00	pcs		
	Cement	9.00	bags		
	Sand	0.75	m³		
	10mmø RSB	18.89	kgs		
	Plastering				
	Cement	2.50	bags		
	Sand	0.25	m³		
	TOTAL CIVIL WORKS			Php	
4.00	ELECTRICAL WORKS				
	Wires and Cables				
	3.5mm2 THHN	1.00	box(s)		
	22mm2 THHN	50.00	mtrs		
	50mm2 THHN	592.00	mtrs		
	250mm2 THHN	1,836.00	mtrs		
	Conduit Pipes and Service Entrance Accessories				
	100mmØ PVC conduit pipe with fittings and complete accessories	175.00	lengths		
	100mmØ IMC conduit pipe with fittings and complete accessories	12.00	lengths		
	20mmØ PVC conduit pipe with fittings and complete accessories	20.00	lengths		
	5/8" x 4" Ø Machine bolt (Galvanized) Fully threaded with nuts & washers minimum protrusion 3"	2.00	pc(s)		
	Conduit Spacer for 6 SETS OF 100mmØ PVC	60.00	pc(s)		
	5/8" x 10" Ø Eye bolt Galvanized	1.00	pc(s)		
	Weather Head Cap	6.00	pc(s)		
	Conduit Clamps for 100mmØ PVC	20.00	pc(s)		
	20mmØ x 3m Copperweld ground rod	1.00	pc(s)		
	Connectors or Ground clamps (Wrought Copper)	1.00	pc(s)		
	#1 - 50mm2 BCW in 20mmØ PVC	1.00	pc(s)		
	Exhaust Fan with Grille & Louver	1.00	unit(s)		
	Dismantling of wires & conduits of existing service entrance, Main Distribution Panel, and Distribution panel of 4th floor	1.00	lot		

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	Circuit Breakers and Accessories, Termination & Cable Trays				
	Low-Voltage Switch Gear (LVSG)				
	Fabricated and assembled in NEMA 1 enclosure using G.I 2.0(gauge #14) with grounding bus, with baseplate, with deadfront, complete with lugs, powder coated finished.	1.00	lot		
	MAIN 2000AT/2000AF 3P, 230V, 65KAIC ACB, NW20H13D2E	1.00			
	BRANCHES 500AT/630AF 3P, 230V, 40KAIC MCCB, EZC630N	1.00			
	400AT/400AF 3P, 230V, 40KAIC MCCB, EZC400N	4.00			
	225AT/250AF 3P, 230V, 25KAIC MCCB, EZC250F	1.00			
	200AT/250AF 3P, 230V, 25KAIC MCCB, EZC250F	2.00			
	150AT/250AF 3P, 230V, 25KAIC MCCB, EZC250F	1.00			
	125AT/250AF 3P, 230V, 25KAIC MCCB, EZC250F	1.00			
	100AT/100AF 3P, 230V, 25KAIC MCCB, EZC100F	3.00			
	60AT/100AF 3P, 230V, 25KAIC MCCB, EZC100F	3.00			
	40AT/100AF 3P, 230V, 25KAIC MCCB, EZC100F	1.00			
	ACCESSORIES DIGITAL METERING, PM2120 CURRENT TRANSFORMER, CAMSCO CONTROL BREAKER, A9F743 TERMINAL LOCK				
	ECB 2000 Fabricated and assembled in NEMA 3R enclosure using gauge #14 with canopy, with gasket, with grounding bus, with baseplate, with deadfront, complete with lugs, powder coated finished	1.00	lot		
	MAIN 2000AT/2000AF, 3P, 230V, 85KAIC, MCCB				
	Termination of wires from MDP to circuit branches & MDP to GENSET	1.00	lot		
	Additional Terminal lugs for 250mm2 wire of ATS w/ complete accessories	4.00	pcs		
	Refurbish of existing panel	12.00	units		
	Cable Tray and Wire Gutter				
	Straight Cable Tray Ladder Type w/o Cover Dim: 100mmH x 150mmW x 2400mmL	12.00	pc(s)		
	Horizontal Elbow 90 Deg. Ladder Type w/o Cover (Multi Bend) Dim: 100mmH x 150mmW	5.00	pc(s)		
	Horizontal Tee Elbow 90 Deg. Ladder Type w/o Cover (Multi Bend) Dim: 100mmH x 150mmW x 150mmW x 150mmW	2.00	pc(s)		
	Wire Gutter with cover Dim: 100mmH x 150mmW x 2400mmL	1.00	lot		
	Refurbish of existing wire gutter	1.00	lot		
	Lighting Fixture, Wiring Devices				
	18" dia. Surface mounted LED Daylight, 18Watts	4.00	unit(s)		
	Duplex convenience universal outlet grounding type	3.00	sets		
	Miscellaneous				
	Big electrical tape	50.00	pc(s)		
	Rubber tape	20.00	pc(s)		
	copper ground rod 5/8" 3m	1.00	length		
	GI wire	5.00	kilo(s)		
	Testing and Commissioning	1.00	lot		

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
	TOTAL ELECTRICAL WORKS			Php	
SUMMARY					
1.00	GENERAL REQUIREMENTS			Php	
2.00	ARCHITECTURAL WORKS				
3.00	CIVIL WORKS				
4.00	ELECTRICAL WORKS				
	SUB-TOTAL COST			Php	
	VAT @ 12%				
	TOTAL PROJECT COST			Php	
Amount in Words:					
Note: *Indirect Cost (OCM, & Profit) included per item unit cost *Bonds & Securities and power & water supply consumption are considered as overhead expenses while Plans (As-built plan) is considered as miscellaneous expense which are already included in the computation of OCM (mark-up). See DPWH Department Order No 197					

By the act of submitting this bid, I/we hereby confirm that I/we:

- have inspected the site
- determined the characteristics of the contract works and the conditions for this project
- examined all instructions, forms, terms and project requirements in the Bidding Documents
- was/were given the opportunity to submit queries at least ten(10) calendar days before the submission of bids
- have examined and agreed to the correctness of the Bill of Quantities

Submitted by:

Name and Signature:

Company Name:

Position:

Date: