REPUBLIC OF THE PHILIPPINES
Department of Science and Technology
Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)
Science Garden, Agham Road, Diliman, Quezon City 1100

Project: CONSTRUCTION OF POWERHOUSE WITH PERSONNEL QUARTERS
Location:

Subject : DETAILED COST BREAKDOWN/BILL OF MATERIALS

Item No.	DESCRIPTION	QTY.	UNIT	UNIT COST			AMOUNT			DIRECT COST	IPP MARK -UP				CONTRACT OR TAXES	VAT-COMPONE	INDIRECT COST	OTAL AMOUN	UNIT COST
				Materials	Labor	Eqpt.	Materials	Labor	Eqpt.		OVERHEAD	CONT.	MISC.	PROFIT					
VII.	**ELECTRICAL WORKS**																		
	(A).																		
	I. Panel Board																		
	Panel Board NEMA Enclosure, Gray Coated, Surface Mounted, Gauge 16, Bolt-On, 1 main Circuit Breaker, 2 Pole w/ 8 branches, 6 - 2 pole 1 pc main 60AT, 60AF, 2 pole, 250VAC, 25 KAIC, Bolt-On, 4 pcs. 20AT, 60AF, 2pole 1 pc. 30AT, 60AF, 2pole 1 pc. 50AT, 60AF, 2pole	1.00	set													-	-	-	-
	60AT, 2P, 230V Circuit Breaker in NEMA 4X enclosure	1.00	set																
	II. Wires																		
	14mm² THHN Black (Philflex)	120.00	mtrs.																
	3.5mm² THHN Black (Philflex)	1.00	roll																
	5.5mm² THHN Black (Philflex)	30.00	mtrs.																
	2.0mm² THHN Black (Philflex) @ 150m/roll	2.00	rolls																
	8.0mm² THHN Green (Philflex) @ 150m/roll	60.00	rolls																
	3.5mm² THHN Green (Philflex) @ 150m/roll	15.00	mtrs.																
	2.0mm² THHN Green (Philflex) @ 150m/roll	1.50	rolls																
	III. Pipes, Fittings, and Boxes																		
	32mmØ RSC @ 3m/length	2.00	lngth.																
	32mmØ PVC Pipe @ 3m/length	15.00	pcs.																
	32mmØ metallic service entrance cap	1.00	pc.																
	25mmØ PVC Pipe @ 3m/length	8.00	pcs																
	20mmØ PVC Pipe @ 3m/length	4.00	pcs																
	15mmØ PVC Pipe @ 3m/length	80.00	pcs																
	32mmØ PVC adapter, locknut, and bushing	2.00	pcs																
	32mmØ metallic adapter, locknut, and bushing	2.00	pcs																
	25mmØ PVC adapter, locknut, and bushing	2.00	pcs																
	20mmØ PVC adapter, locknut, and bushing	2.00	pcs																
	15mmØ PVC adapter, locknut, and bushing	60.00	pcs																
	2 x 4 PVC Utility box	16.00	pcs																
	Octagonal Box (PVC)	15.00	pcs																
	IV. Electrical Devices																		
	Single switch w/ Plate & Cover	4.00	sets																
	Duplex switch w/ Plate & Cover	1.00	sets																
	Duplex convenience outlet w/ Plate & Cover	11.00	sets																

	ACU outlet w/ Plate & Cover	1.00	set																

V. Lighting Fixture

	5W LED bulb	8.00	pcs.																
	Receptacle	8.00	pcs.																
	40w fluorescent lamp fixture	5.00	pcs.																

VI. Miscellaneous materials

	Electrical tape	15.00	rolls																
	Rubber tape	10.00	rolls																
	Mica Tube, 1/2" dia	5.00	mtrs																
	PVC Solvent Cement	1.00	lits																
	Gi Wire, guage 16	2.50	kg																
	Tox & Screw(100 pairs)	2.00	box																
	Hacksaw blades	1.00	kg																
	Drill Bits(assorted for Metal & masonry)	1.00	box																
	Hangers, brackets and fasteners	1.00	lot																

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