



UNIVERSITY OF THE PHILIPPINES MANILA
Campus Planning, Development and Maintenance Office
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PROJECT : INCREASE IN THE CARRYING CAPACITY OF THE SCHOOL OF HEALTH SCIENCES

LOCATION : School of Health and Sciences Palo, Leyte
 University of the Philippines Manila

SUBJECT : BIDFORM

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
1.00	GENERAL REQUIREMENTS				
	Mobilization and Demobilization	1.00	lot		
	Tempfacil/Storage, signages, scaffoldings	1.00	lot		
	Health and Safety (PPE, Medkit etc.)	1.00	lot		
	Site Clearing and preparatory works	1.00	lot		
	TOTAL GEN REQ'T'S				
2.00	STRUCTURAL WORKS				
	Earthworks				
	Excavation	22.70	m ³		
	Backfilling	19.81	m ³		
	Disposal of excess excaated materials	2.89	m ³		
	Sub-total				
	Concrete Works				
	Cement	100.00	bags		
	Sand	4.50	m ³		
	Gravel	9.00	m ³		
	Gravel bedding	1.50	m ³		
	Sub-total				
	Reinforcing Steel Bars				
	12mmø x 6.00m RSB	44.00	pcs		
	12mmø x 6.00m RSB	14.00	pcs		
	10mmø x 6.00m RSB	156.00	pcs		
	# 16 Tie wires	14.00	kegs		
	Sub-total				
	Formworks				
	3/8" x 4' x 8' Form plywood	6.00	pcs		
	Form lumber/Scaffoldings	720.00	bd. Ft.		
	CW Nails	14.00	keg		
	Sub-total				
	Concrete topping				
	Cement	16.00	bags		
	Sand	1.50	m ³		
	Sub-total				

	Trusses				
	L 2" x 2" x 3/16	24.00	pcs		
	Ga # 14, 2" x 4" C Purlins	20.00	pcs		
	Corss brace with turn buckle	6.00	pcs		
	12mmø x 1.00m Sagrod	20.00	pcs		
	L 2" x 2" x 3/16 brace at truss support	10.00	pcs		
	12mm thk. Base plate with col. Stiffener (below the truss)	12.00	pcs		
	1-1/2 x 1-1/2 x 6.00m Fascia frame	14.00	pcs		
	12mm x 2.40m Facia Board	13.00	pcs		
	6" x 6" x 3/16" Steel Tube	6.00	pcs		
	Miscellaneous (welding, acetelene, painting, etc.)	1.00	lot		
	Sub-total				
	Roofing Works				
	Roof Area	79.26	sqm		
	End Flashing	20.00	l.m.		
	Teckscrew	550.00	pcs		
	Rivets	200.00	pcs		
	Sub-total				
	TOTAL STRUCTURAL				
3.00	ARCHITECTURAL WORKS				
	Opennings				
	Doors				
	(D-1) Metal Flush Door w/ view panel 6mm thick tempered clear glass view panel, galvanized sheet GA#18, jamb GA#16 in power coated finish complete w/: -lever type door handle and one side deadbolt lock cylinder, -heavy duty ball bearing butterfly door hinges -automatic door closer	4.00	sets		
	(D-2) Flush Door w/ louver Fabricated fibercement board door panel, wood door jamb, painted finish complete w/ lever type door handle lockset	2.00	sets		
	(D-3) Flush Door w/ louver Fabricated fibercement board door panel, wood door jamb, painted finish complete w/ lever type door handle lockset	1.00	set		
	Windows				
	(W-1) Casement Window 6mm thick tempered clear glass on aluminum powder coated frame complete w/ heavy duty lock handles	12.00	sets		
	(W-2) Casement Window 6mm thick tempered clear glass on aluminum powder coated frame complete w/ heavy duty lock handles	2.00	sets		
	Sub-total				
	Flooring Finish				
	(FF-01) 2mm thick Homogeneous vinyl tiles complete with transition trims/strips	107.90	sqm		
	(FF-01) Surface preparation and leveling	107.90	sqm		
	(FF-02) 600mm x 600mm Porcelain tiles, rustic surface including screed, adhesive tile grout and tile trim	23.30	sqm		
	(FF-03) Smooth cement floor in Chlorinated Rubberized Paint finish 2 top coats including prep work	56.70	sqm		
	Sub-total				

	Ceiling Finish				
	(CF-1) Moisture Resistant Acoustic Board on T-runners suspended ceiling system complete with hanger and support.	93.50	sqm		
	(CF-2) Painted fiber cement board on metal furring complete with hanger and support	36.70	sqm		
	Sub-total				
	Wall Finish				
	600 x 600mm Porcelain Wall Tiles, polished-white	52.38	sqm		
	Semi-gloss antibacterial paint	468.42	sqm		
	Sub-total				
	Partition				
	CHB Wall, with reinforcement, plastered, sanded and puttied both sides	27.60	sqm		
	Dry Wall sanded and puttied both sides	96.60	sqm		
	Pheonolic Partitions @ Female CR (3 Doors)	1.00	assy		
	Pheonolic Partitions @ Male CR (2 Doors)	1.00	assy		
	Urinal Partition	1.00	assy		
	Sub-total				
	Specialty				
	Roof Paint - Insulating Paint	324.69	sqm		
	Canopy	6.00	sets		
	White Board	1.00	set		
	Railings	1.00	assy		
	Restorations Works	1.00	lot		
	Sub-total				
	TOTAL ARCHITECTURAL				
4.00	PLUMBING WORKS				
	Sanitary				
	PVC Pipe 100mm x 3m	10.00	pc/s		
	PVC Pipe 50mm x 3m	12.00	pc/s		
	PVC Elbow 100mm x 90 deg	10.00	pc/s		
	PVC Elbow 100mm x 45 deg	10.00	pc/s		
	PVC Elbow 50mm x 90 deg	24.00	pc/s		
	PVC Elbow 50mm x 45 deg	24.00	pc/s		
	PVC Tee 100mm x 100mm	6.00	pc/s		
	PVC Tee 100mm x 50mm	6.00	pc/s		
	PVC Tee 50mm x 50mm	12.00	pc/s		
	PVC P-Trap 50mm	10.00	pc/s		
	PVC Wye 100mm x 100mm	10.00	pc/s		
	PVC Wye 100mm x 50mm	12.00	pc/s		
	C.I. Clean Out 100mm	3.00	pc/s		
	Solvent Cement	6.00	cans		
	Pipe Jointing Epoxy	1.00	gal		
	Sub-total				
	Waterline				
	PPR Pipe 32mm x 4m	5.00	pcs		
	PPR Pipe 25mm x 4m	8.00	pcs		
	PPR Pipe 20mm x 4m	6.00	pcs		
	PPR Tee 32mm x 32mm	5.00	pcs		
	PPR Tee 32mm x 25mm	3.00	pcs		

	PPR Elbow 32mm	10.00	pcs		
	PPR Elbow 25mm	12.00	pcs		
	PPR Elbow 20mm	12.00	pcs		
	PPR Female Elbow 20mm x 1/2"	12.00	pcs		
	PPR Male Adaptor 32mm	4.00	pcs		
	PPR Male Adaptor 25mm	6.00	pcs		
	PPR Male Adaptor 20mm	4.00	pcs		
	PPR Female Tee 20mm x 1/2"	12.00	pcs		
	PPR Female Adaptor 20mm x 1/2"	12.00	pcs		
	PPR Coupling 32mm	5.00	pcs		
	PPR Coupling 25mm	5.00	pcs		
	PPR Coupling 20mm	6.00	pcs		
	PPR Reducer 32mm x 25mm	4.00	pcs		
	PPR Reducer 25mm x 20mm	4.00	pcs		
	Gate Valve 1"	2.00	pcs		
	Gate Valve 3/4"	2.00	pcs		
	Gate Valve 1/2"	2.00	pcs		
	Bracket and Support	1.00	lot		
	Teflon Tape	20.00	pcs		
	Sub-total				
	Plumbing Fixtures				
	Watercloset	6.00	sets		
	Lavatory	4.00	sets		
	Urinal	1.00	set		
	Strainer 4 x 4	8.00	pcs		
	Sub-total				
	TOTAL PLUMBING				
5.00	MECHANICAL WORKS				
	EQUIPMENT				
	Air Conditioning (Split Type DX System)				
	a. Indoor/Outdoor Units				
	1. FCU/ACCU 1-A wall mounted (1.50 HP cap)	1.00	pcs		
	2. FCU/ACCU 1-B wall mounted (1.50 HP cap)	1.00	pcs		
	3. FCU/ACCU 2-A wall mounted (2.50 HP cap)	1.00	pcs		
	4. FCU/ACCU 2-B wall mounted (2.50 HP cap)	1.00	pcs		
	Sub-total				
	Ventilation				
	a. Toilet Exhaust Fan (TEF)				
	1. TEF-1 ceiling cassette (150 CFM @ 0.25" WG TSP)	2.00	pcs		
	b. PVC exhaust duct				
	150 mmØ	3.00	m		
	Elbows, Fittings, couplings, end caps, etc.	1.00	lot		
	Sub-total				
	REFRIGERANT COPPER PIPES				
	a. Soft drawn @ 15m/roll				
	15.90 mmØ (5/8"Ø)	2.00	roll/s		
	12.70 mmØ (1/2"Ø)	2.00	roll/s		
	9.50 mmØ (3/8"Ø)	2.00	roll/s		
	6.40 mmØ (1/4"Ø)	2.00	roll/s		
	d. Pipe insulation 25 mm thick rubber				
	15.90 mmØ (5/8"Ø)	22.00	m		
	12.70 mmØ (1/2"Ø)	27.00	m		

	9.50 mmØ (3/8"Ø)	36.00	m		
	6.40 mmØ (1/4"Ø)	22.00	m		
	Sub-total				
	Miscellaneous Works				
	HANGERS, SUPPORTS, PLATFORM AND BRACKETS	1.00	lot		
	ELECTRICAL WORKS to include wires, switches, breakers, contactors, controllers, conduits, roughing-ins, etc. to make the system complete and operational	1.00	lot		
	TESTING and COMMISSIONING to include airflow/temp reading and balancing	1.00	lot		
	MISCELLANEOUS and CONSUMABLES to include dismantling of existing mechanical works and disposing, chipping and restoration, FCU condensate drain piping system complete with insulation	1.00	lot		
	Sub-total				
	TOTAL MECHANICAL				
6.00	AUXILIARY WORKS				
	Structured Cabling/LAN & Telephone				
	(Single Lan Port outlet) Cat 6 data modular jack RJ45 and plate cover	4.00	unit(s)		
	Wireless Access Point	5.00	unit(s)		
	2 mtrs CAT6 patch cord ready for use	4.00	unit(s)		
	CAT 6 lan cable for LAN & Telephone (200mtrs/roll)	1.00	roll(s)		
	Telephone Outlet	2.00	unit(s)		
	2"x4" PVC utility box	6.00	unit(s)		
	25mmØ PVC conduit pipe complete with fittings and accessories (LAN & Tel.)	55.00	unit(s)		
	Tapping and supply & install of Fiber Optic Cable	1.00	lot		
	Hanger and Supports	1.00	lot		
	Testing and Commissioning	1.00	lot		
	Sub-total				
	Fire Detection and Alarm System (FDAS)				
	Wires and Cables				
	TF WIRE #16 AWG	189.00	mtr(s)		
	Conduit Pipes, Fittings and Accessories				
	EMT Conduit pipe 1/2" Ø	29.00	pc(s)		
	Flexible Mettalic Conduit 1/2	12.00	mtr(s)		
	EMT Coupling 1/2" Ø	30.00	ea		
	EMT Connector 1/2" Ø	30.00	ea		
	Metal Flexible Hose Adapter 1/2" Ø	35.00	ea		
	EMT Bushing 1/2" Ø	30.00	unit(s)		
	EMT Locknut 1/2" Ø	30.00	unit(s)		
	IMC Conduit pipe 1/2" Ø	32.00	pc(s)		
	IMC Coupling 1/2" Ø	32.00	ea		
	IMC Connector 1/2" Ø	10.00	ea		
	IMC Bushing 1/2" Ø	10.00	unit(s)		
	IMC Locknut 1/2" Ø	10.00	unit(s)		

	FDAS Wiring Devices				
	Digital Optical Detector, with Remote Indicator Output, without base	10.00	ea		
	Digital Fixed Temperature and Rate of Rise Heat Detector, with Remote Indicator Output, without base	2.00	ea		
	Common Detector Base for Digital Detectors and for Innovation Detectors using EOLR	12.00	ea		
	Flush mount Resettable (Non-Breaking Glass), Supplied with surface mount back box and Special Reset Key (Certificated by LPCB)	1.00	ea		
	Addressable Combined Sounder and Strobe, 24VDC required	1.00	ea		
	Testing and commissioning	1.00	lot		
	Programming	1.00	lot		
	Support and Hangers				
	Threaded Rod Bar	30.00	ea		
	Bolt Hanger	60.00	ea		
	Hex Nut	60.00	ea		
	GI Washer	90.00	ea		
	Grip Anchor bolt 3/8 ordinary	60.00	ea		
	C Clamp 1/2 ordinary	60.00	ea		
	Box and Others				
	EMT Junction box Octagonal w/ cover	12.00	ea		
	EMT Square Junction box	2.00	ea		
	EMT Utility Box with cover	2.00	ea		
	GI wire	1.00	kg		
	Black Screw	70.00	pc(s)		
	Metal Screw	70.00	pc(s)		
	Tox & Screw	30.00	pc(s)		
	Drill bits	2.00	pc(s)		
	E-tape	5.00	pc(s)		
	M-tape	3.00	pc(s)		
	Cable Tie 8mm	1.00	pack		
	LB Conduit	4.00	pc(s)		
	Hacksaw blade	2.00	pc(s)		
	Mansonry Drill Bit (1/2"Ø)	1.00	pc(s)		
	Mansonry Drill Bit (3/8"Ø)	1.00	pc(s)		
	4" Cutting Disk	1.00	pc(s)		
	4" Grinding Disk	2.00	pc(s)		
	Wire tag	1.00	roll(s)		
	Detector tag	1.00	roll(s)		
	Consumables	1.00	lot		
	Sub-total				
	TOTAL AUXILLIARY				
7.00	ELECTRICAL WORKS				
	Wires and Cables				
	3.5 mm ² THHN	9.00	box(s)		
	5.5 mm ² THHN	1.00	box(s)		
	14 mm ² THHN	85.00	mtr(s)		
	38 mm ² THHN	255.00	mtr(s)		
	Sub-total				

	Conduit Pipes and Accessories				
	20mmØ PVC conduit pipe with fittings and complete accessories	146.00	length(s)		
	50mmØ PVC conduit pipe with fittings and complete accessories	29.00	length(s)		
	Sub-total				
	Circuit Breakers and Accessories				
	LPP Main @ 1000AT, 3 pole, 250V, 18KAIC with	1.00	assy.		
	14 branch circuits @ 2-30AT, 2 pole bolt-on type, 12-20AT, 2 pole bolt-on type with grounding bus.				
	100AT, 3 pole, NEMA 3R, ECB	1.00	unit(s)		
	20AT, 2 pole, NEMA 3R, ECB	2.00	unit(s)		
	30AT, 2 pole, NEMA 3R, ECB	2.00	unit(s)		
	Sub-total				
	Wiring Devices and Lighting Fixtures				
	Recessed type LED Panel Daylight, 300x1200mm, 40W, 230V	20.00	unit(s)		
	Recessed type T8 LED, Troffer, Daylight, 300x1200mm, 2x28W, 230V	2.00	unit(s)		
	Emergency light 2-1.5W LED (22hrs)	4.00	unit(s)		
	Recessed type LED daylight round pin light 200mm dia., 12W, 230V	11.00	unit(s)		
	Surface Mounted Troffer Light, Daylight, 1x28W T8 LED, 230V	12.00	unit(s)		
	Surface Mounted 12W LED downlight	8.00	unit(s)		
	Surface Mounted 12W LED downlight with photosensor	8.00	unit(s)		
	Single convenience universal outlet grounding type (Emergency Light)	4.00	unit(s)		
	Single convenience universal outlet grounding type (WAP)	5.00	unit(s)		
	Duplex convenience universal outlet grounding type	19.00	unit(s)		
	Duplex convenience universal outlet grounding type, Weatherproof	4.00	unit(s)		
	One gang lighting switch	3.00	unit(s)		
	Two gang lighting switch	7.00	unit(s)		
	Three gang lighting switch	2.00	unit(s)		
	Junction Box	65.00	sets		
	Utility Box	44.00	sets		
	Sub-total				
	Solar Panel Electrical System				
	360W Monocrystalline Solar Panel	1.00	assy		
	Solar Charge Controller 12/24V battery regulator	1.00	assy		
	Solar Battery bank 12/24V	1.00	assy		
	Solar Inverter AC to DC	1.00	assy		
	Solar Panel Miscellaneous (Cable, conduit, hanger & support and etc.)	1.00	lot		
	Sub-total				

	Miscellaneous Items				
	Copper ground rod 5/8" 3m	1.00	lot		
	Big Electrical Tape	18.00	roll(s)		
	Rubber Tape	9.00	roll(s)		
	GI Wire	5.00	kilo(s)		
	Hanger & Support	1.00	lot		
	Testing and commissioning	1.00	lot		
	Sub-total				
	TOTAL ELECTRICAL				

*****SUMMARY*****

1.00 GENERAL REQUIREMENTS		PhP	
2.00 STRUCTURAL WORKS			
3.00 ARCHITECTURAL WORKS			
4.00 PLUMBING WORKS			
5.00 MECHANICAL WORKS			
6.00 AUXILIARY WORKS			
7.00 ELECTRICAL WORKS			
SUB-TOTAL COST		PhP	
VAT	@ 12.00%		
TOTAL PROJECT COST		PhP	

Amount in Words : _____

Note:

*Indirect Cost (OCM, & Profit) included per item unit cost

* Bonds & Securities (including CARI) 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).

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

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

Submitted by:

Name and Signature:

Position:

Company Name:

Date: