



**UNIVERSITY OF THE PHILIPPINES MANILA**  
**The Health Sciences Center**  
**BIDS AND AWARDS COMMITTEE 2 (BAC 2)**

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14 October 2022

Bid Bulletin No. 1


**Proposed Rehabilitation of Sanitary Lines and Various Works,  
College of Pharmacy, University of the Philippines Manila**

This Bid Bulletin No. 1 is being issued to modify or amend item in the Bidding Documents.

**A. Blank Bill of Quantities**

This Bid Bulletin shall form part of the Bidding Documents. All terms, conditions and instructions to bidders specified in the Bidding Documents inconsistent herewith are hereby superseded and modified accordingly.

For guidance and information of all concerned.

  
**MARIA ELIZA RUIZ AGUILA, PhD**  
**Chair**



## BID FORM

**PROJECT** : PROPOSED REHABILITATION OF SANITARY LINES AND VARIOUS RENOVATION WORKS

**LOCATION** : Valenzuela Hall, College of Pharmacy, University of the Philippines Manila

**SUBJECT** : Bill of Materials and Cost Estimate

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
<b>1.00</b>	<b>GENERAL REQUIREMENTS</b>				
1.01	Mobilization & Demobilization	1.00	lot		
1.02	Scaffolding, warehouse, board ups, canvass/temporary covering and safety signages; Temporary water/power utilities	1.00	lot		
1.03	Health and Safety ( PPE, Medkit, Medical check-up/testing as required for new normal etc.)	1.00	lot		
	<b>TOTAL GENERAL REQUIREMENTS COST</b>				
<b>2.00</b>	<b>ARCHITECTURAL WORKS</b>				
<b>2.01</b>	<b>TILING WORKS</b>				
	(FF-01) 600mm x 600mm Homogeneous Porcelain Floor Tiles (Polished) including sand-cement mixture for leveling, tile adhesive, grout, transition strips, etc. Provide expansion joint/silicone sealant at every 3.00m between floor and wall edges (Lobby & Hallway at Ground Flr)	206.00	sq.m.		
	(FF-02) 600mm x 600mm Homogeneous Porcelain Floor Tiles (Non-skid) including sand-cement mixture for leveling, tile adhesive, grout, transition strips, etc. (Comfort Rooms)	98.00	sq.m.		
	Supply and application of flexible cementitious waterproofing including surface preparation and concrete covering with wire mesh (2coats primer, 3 coats topcoat)	98.00	sq.m.		
	300mm x 300mm Homogeneous Porcelain Wall Tiles (Polished) including sand-cement mixture for leveling, tile adhesive, grout, transition strips, etc. (Comfort Rooms)	425.00	sq.m.		
<b>2.02</b>	<b>CEILING WORKS</b>				
	(CF-01) 0.60m x 0.60m x 4.5mm thick fiber cement board on T-Runner, complete with hanger and support, painted finish	344.00	sq.m.		
	(CF-02) Missing and Delapidated Ceiling Boards to be supplied/replaced with new ceiling board using 600mm x 600mm x 4.5mm thk fiber cement board painted, ceiling frame to be retained	20.00	sq.m.		
<b>2.03</b>	<b>PAINTING WORKS</b>				
	<b>a. Internal Repainting Works</b>				
	Semi-gloss paint finish including surface preparation and putty/skimcoat - interior walls and ceilings (Comfort Rooms)	283.00	sq.m.		
	Semi-gloss paint finish including surface preparation and putty/skimcoat - interior walls and ceilings (Pump House)	45.00	sq.m.		
	<b>b. External Repainting Works</b>				
	Semi-gloss paint finish including surface preparation and putty/skimcoat - Exterior (Pump House)	45.00	sq.m.		

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
2.04	<b>MISCELLANEOUS</b>				
	Removal of existing ceiling, and restoration of ceiling works including materials handling/lifting and disposal	365.00	sq.m.		
	Removal of existing floor tile , and restoration of floor tile works including materials handling/lifting and disposal	800.00	sq.m.		
	Restoration of open glass window to be covered with 12mm thk ficem board on metal frame - 8 locations	1.00	lot		
	Dismantling and re-installation of existing toilet partition	1.00	lot		
	Supply and installation of 12mm thk solid surface countertop with back splash for comfort rooms including painting for existing concrete frame	15.00	sq.m.		
	Supply and installation of 40cmx60cm rectangular mirror (for comfort rooms)	15.00	set/s		
	<b>TOTAL ARCHITECTURAL COST</b>				
3.00	<b>PLUMBING WORKS</b>				
3.01	<b>REPIPING WORKS</b>				
a	<b>Sanitary Works</b>				
	PVC Pipe 100mm x 3m	90.00	pc(s)		
	PVC Pipe 50mm x 3m	30.00	pc(s)		
	PVC WYE 100 x 100	40.00	pc(s)		
	PVC WYE 100 x 50	60.00	pc(s)		
	PVC Elbow 100 x 90°	50.00	pc(s)		
	PVC Elbow 100 x 45°	50.00	pc(s)		
	PVC Elbow 50 x 90°	60.00	pc(s)		
	PVC Elbow 50 x 45°	60.00	pc(s)		
	PVC Tee 100 x 100	20.00	pc(s)		
	PVC Tee 100 x 50	20.00	pc(s)		
	PVC P-TRAP 50	30.00	pc(s)		
	PVC. Clean Out 100	20.00	pc(s)		
	C.I. Clean Out 100	10.00	pc(s)		
	Solvent Cement	50.00	can(s)		
	Pipe Jointing Epoxy	5.00	gal(s)		
	HDPE Pipe 75mm	10.00	pc(s)		
	HDPE Pipe 50mm	10.00	pc(s)		
	HDPE WYE 75mmx75mm	15.00	pc(s)		
	HDPE WYE 75mm x 50mm	5.00	pc(s)		
	HDPE Elbow 75 x 90°	10.00	pc(s)		
	HDPE Elbow 75 x 45°	10.00	pc(s)		
	HDPE Elbow 50 x 90°	20.00	pc(s)		
	HDPE Elbow 50 x 45°	20.00	pc(s)		
	HDPE Tee 50 x 50	15.00	pc(s)		
	HDPE Clean Out 75	6.00	pc(s)		
b	<b>Water line Works</b>				
	PPR Pipe 63mm x 4m	25.00	pc(s)		
	PPR Union Male Adaptor 63mm	4.00	pc(s)		
	PPR Pipe 50mm x 4m	4.00	pc(s)		
	PPR Union Male Adaptor 50mm	8.00	pc(s)		
	PPR Coupling	10.00	pc(s)		
	PPR Tee 63mm	8.00	pc(s)		
	PPR Tee 50mm	5.00	pc(s)		
	PPR Elbow 63mm	20.00	pc(s)		
	PPR Elbow 50mm	16.00	pc(s)		
	PPR Reducer 63mm x 50mm	4.00	pc(s)		
	PPR Male Adaptor 63mm	30.00	pc(s)		
	PPR Male Adaptor 50mm	10.00	pc(s)		
	Teflon tape	100.00	pc(s)		
	Check Valve 2 (63mm dia.)	2.00	pc(s)		
	Check Valve 1 ½ (50mm dia.)	2.00	pc(s)		
	Gate Valve 2 (63mm dia.)	8.00	pc(s)		
	Gate Valve 1 ½ (50mm dia.)	2.00	pc(s)		

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
c	<b>Equipment</b>				
	Transfer Pump 5 H.P 3 Phase	2.00	set(s)		
3.02	<b>PLUMBING FIXTURES</b>				
	Elongateed Watercloset with tank (18 1/2" length), lever type complete with tank, toilet seat cover and other accessories (including bidet spray)	15.00	set(s)		
	Wall mounted (semi-pedestal) ceramic lavatory with faucet complete with accessories	3.00	set(s)		
	Counter type ceramic lavatory complete with faucet completed with accessories	12.00	set(s)		
	Urinal (wall hung with stall) complete with accessories	2.00	set(s)		
	Floor drain (comfort rooms)	10.00	set(s)		
	Dome type strainer (4" - brass finish)	12.00	set(s)		
3.03	<b>Miscellaneous</b>				
	Hangers and Supports	1.00	lot		
	Testing Works	1.00	lot		
	Restoration Works of all affected areas	1.00	lot		
	Chipping Works for sanitary & waterline; Existing toilet fixtures i.e. water closets, urinals, and counter top lavatories to be removed	1.00	lot		
	<b>TOTAL PLUMBING COST</b>				
5.00	<b>ELECTRICAL WORKS</b>				
5.01	<b>Wires and Cables (Color Coded)</b>				
	3.5mm <sup>2</sup> THHN	2.00	box(s)		
	5.5mm <sup>2</sup> THHN	1.00	box(s)		
	8.0mm <sup>2</sup> THHN	180.00	mtr(s)		
5.02	<b>Conduit Pipes and Service Entrance Accessories</b>				
	20 mm Ø PVC Conduit with complete fittings and accessories	45.00	length(s)		
	25 mm Ø IMC Conduit with complete fittings and accessories	45.00	length(s)		
5.03	<b>Wiring Devices and Lighting Fixtures</b>				
	2x40 Watts Housing 1200mm x 300mm Surface mounted in Louver Housing	1.00	unit(s)		
	Duplex Receptacle outlet, 16A, 250V, Grounding type Ground Fault Circuit Interrupter (GFCI)	2.00	unit(s)		
	500mm x 500mm Metal Square Pull Box	4.00	unit(s)		
	<b>Embedded Electrical Line (To building and to Elevated water tank - Float Switch line)</b>				
	Excavation	12.00	l.m		
	Backfilling and compacting	12.00	l.m		
5.04	<b>Circuit Breakers, Control Panel and Accessories</b>				
	PP-PR Main @50AT, 3P, 230V with 2 branch circuit @ 1-40AT, 3P, & 1-20AT, 2P bolt-on type.	1.00	assy.		
	50AT, 3P, 230V bolt-on type.	1.00	assy.		
	16" Industrial Wall Exhaust fan including installation	1.00	unit(s)		
	Float Switch	1.00	unit(s)		
	<b>Motor Control Panel</b>				
	Full Voltage Direct on line Duplex type, Transfer Pump Controller rated 2HP, 230Volts, 3PH, 60Hz Complete with molded case circuit breaker, Magnetic contactor, floatless relay with liquid level indicator (electrode) Alternate relay start and stop push buttons, pump on/off indicating lights, HOA selector switch, terminal block, safely wired in NEMA 1 wall mounted powdered enclosure	1.00	assy.		

ITEM	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
5.05	<b>Miscellaneous Items</b>				
	Dismantling of all existing eletrical components such as wires, conduit, motor pump. Panel board, and fixtures	1.00	lot		
	Big Electrical Tape	50.00	roll(s)		
	Rubber Tape	20.00	roll(s)		
	GI Wire	10.00	kilo(s)		
	Copper groound rod 5/8" 3m	1.00	pc(s)		
	Hanger & Support inside celing of the building ((Hanger ROD, Threaded ROD, 10mmØ, anchor bolt & Angle Bar. Including the restoration and repainting of the hanger & support outside the building (Refer to plans/scope of work)	1.00	lot		
	Chipping and restoration works of all affected areas due to project implementation including repainting	1.00	lot		
	Testing and commissioning	1.00	lot		
	<b>TOTAL ELECTRICAL COST</b>				

\*\*\*SUMMARY\*\*\*

1.00 GENERAL REQUIREMENTS

2.00 ARCHITECTURAL WORKS

3.00 PLUMBING WORKS

4.00 ELECTRICAL WORKS

TOTAL MATERIALS AND LABOR COST

TOTAL PROJECT COST

PhP

PhP

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).

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:

Company Name:

Position:

Date: