



Bids and Awards Committee 2 (BAC 2)  
**UNIVERSITY OF THE PHILIPPINES MANILA**  
The Health Sciences Center

2nd floor Joaquin Gonzales Compound, Padre Faura St., Ermita, Manila 1000, Philippines  
Tel. no. (632) 8814-1224 | Email: upm-bac2-secretariat@up.edu.ph

13 March 2024

**Bid Bulletin No. 1**


**Vital Rehabilitation Waterline System of Charity Wards, Old OR &  
Administration Building, Philippine General Hospital,  
University of the Philippines Manila**

This Bid Bulletin No. 1 is being issued to revise provisions/ specifications in the bidding documents:

Previous	Amendment
1. Blank Bill of Quantities XIV. Summary  Indirect Cost Overhead, Contingencies, and Misc. Contractor Profit <b>Contractor Tax</b> (12%)	1. Blank Bill of Quantities XIV. Summary  Indirect Cost Overhead, Contingencies, and Misc. Contractor Profit <b>VAT</b> (12%)
2. Cost Estimate Format XIV. Summary  Indirect Cost Overhead, Contingencies, and Misc. Contractor Profit <b>Contractor Tax</b> (12%)	2. Cost Estimate Format XIV. Summary  Indirect Cost Overhead, Contingencies, and Misc. Contractor Profit <b>VAT</b> (12%)
3. Bid opening shall be on 26 March 2024, 1:30 p.m. at the given address below and/or via <b>Zoom</b> . Bids will be opened in the presence of the bidders' representatives who choose to join the <b>Zoom</b> meeting.	3. Bid opening shall be on 26 March 2024, 1:30 p.m. <b>at the Procurement Management Office, 2<sup>nd</sup> Floor Joaquin Gonzales Compound, Padre Faura St., Ermita Manila</b> . The opening of bids is a <b>face-to-face</b> activity only. Bids will be opened in the presence of the bidders' representatives who choose to attend.

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All terms, conditions, and instructions to bidders specified in the Bidding Documents inconsistent herewith are hereby superseded and modified accordingly.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.

  
**DEAN FERNANDO B. GARCIA JR.**  
Chair

Project Title	:	VITAL REHABILITATION OF WATERLINE SYSTEM OF CHARITY WARDS, OLD OR & ADMINISTRATION BUILDING			
Location	:	Philippine General Hospital Compound Taft Ave., Ermita, Manila			
Duration	:	100 Calendar Days			
Item No.	Description	Qty	Unit	Unit Cost	Total Amount
I.	GENERAL REQUIREMENTS				
	Mobilization/Demobilization	1.00	lot		
	Temporary Facilities	1.00	lot		
	Safety Requirement	1.00	lot		
	Engineering Supervision	1.00	lot		
	Bonds and Insurance	1.00	lot		
	As-Built Drawing/Shop Drawings	1.00	lot		
				SUBTOTAL:	-
	GROUND FLOOR				
II.	QUADRANT I- PLUMBING WORKS				
	WARD 5 & 7				
	COLD WATER LINE SYSTEM				
	PPR PN-20 PIPES - 4 METERS PER PIECE				
	Installation of 1/2 inch diameter with corresponding fittings, support & consumables	108.00	lm		
	PPR PN-20 - 20 mm	27.00	pcs		
	Coupling	36.00	pcs		
	C-Clamp with 2 holes	106.00	pcs		
	Tox & Screw	274.00	pcs		
	Hanger, supports and consumable	1	lot		
	Installation of 3/4 inch diameter with corresponding fittings, support & consumables	180.00	lm		
	PPR PN-20 - 25mm	45.00	lm		
	Coupling Equal 25mm dia	360.00	pcs		
	Elbow 90, 25mm dia	81.00	pcs		
	Tee 25 X 25mm dia	120.00	pcs		
	C-Clamp with two holes 25 mm dia	135	pcs		
	Tox & Screw	351			
	Hanger, supports and consumable	1	lot		
	Installation of 1 inch diameter with corresponding fittings, support & consumables	80.00	lm		
	PPR PN-20 -32 mm	20.00	lm		
	Coupling Equal 32mm dia	45.00	pcs		
	C-clamp with 2 holes, 32 mm dia	77	pcs		
	Tox & Screw	200	pcs		
	Elbow 90, 32mm dia	15.00	pcs		
	Hanger, supports and consumable	1	lot		

	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>200.00</b>	<b>lm</b>		
	PPR PN-20 - 50mm	114.00	pcs		
	Coupling Equal 50mm dia	153.00	pcs		
	C-clamp with two holes - 50 mm dia	293	pcs		
	Tox & Screw	761	pcs		
	Hanger, supports and consumable	1.00	lot		
	Elbow 90, 50mm dia	15.00	pcs		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>276.00</b>	<b>lm</b>		
	PPR-PN 20 - 63 mm	104.00	pcs		
	Coupling Equal 63mm dia	201.00	pcs		
	Elbow 90, 63mm dia	30.00	pcs		
	C-Clamp with two holes - 63 mm dia	1,645	pcs		
	Hanger, supports and consumable	1	lot		
	Tox & Screw	225.00	pcs		
	Reducer 63 X 40mm dia	15.00	pcs		
	Reducer 75 X 63mm dia	15.00	pcs		
	Reducer 75 X 40mm dia	8.00	pcs		
	Reducer 40 X 25mm dia	8.00	pcs		
	Tee 32 X 25mm dia	12.00	pcs		
	Tee 50 X 25mm dia	30.00	pcs		
	Tee 63 X 25mm dia	30.00	pcs		
	Tee 63 X 50mm dia	12.00	pcs		
	Tee 63 X 63mm dia	12.00	pcs		
	Tee 25 x 20mm dia (Threaded)	48.00	pcs		
	Tee 25 x 25mm dia (Threaded)	97.00	pcs		
	Gate Valve, 20mm dia	15.00	pcs		
	Gate Valve, 25mm dia	72.00	pcs		
	Angle Valve 1/2 x 1/2 x 1/2 " 2-way	30.00	pcs		
	End Cap 25mm dia	75.00	pcs		
	<b>PLUMBING FIXTURES</b>				
	Shower Set (3/4)	18.00	pcs		
	Hose bibb(3/4)	75.00	pcs		
	Tox & Crew #6	1,584	pcs		
	<b>Cladding</b>				
	G.I Sheet Gauge #22	61	pcs.		
	Chipping, Coring works, and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>III.</b>	<b>QUADRANT II- PLUMBING WORKS</b>				
	<b>WARD 14A &amp; 15</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	<b>Installation of 3/4 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>216.00</b>	<b>lm</b>		
	PPR-PN 20 - 25 mm	54.00	pcs		
	Coupling Equal 25mm dia	108.00	pcs		
	Elbow 90, 25mm dia	90.00	pcs		
	C-clamp with two holes 25 mm dia	211	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tee 25 x 25mm dia (Threaded)	98.00	pcs		

	Tox & Crew #6		578	pcs		
	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>		<b>344.00</b>	<b>1m</b>		
		PPR-PN 20 - 50 mm	86.00	pcs		
	Coupling Equal 50mm dia		172.00	pcs		
	Elbow 90, 50mm dia		18.00	pcs		
	C-clamp with two holes 50 mm dia		335	pcs		
	Hanger, supports and consumable		1.00	lot		
	Tox & Crew #6		897	pcs		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>		<b>240.00</b>	<b>1m</b>		
	PPR-PN 20 - 63 mm		60.00	pcs		
	Coupling Equal 63mm dia		120.00	pcs		
	C-clamp with two holes 63 mm dia		234	pcs		
	Elbow 90, 63mm dia		20.00	pcs		
	Hanger, supports and consumable		1.00	lot		
	Tox & Crew #6		640	pcs		
	<b>FITTINGS</b>					
	Tee 25 X 25mm dia		129.00	pcs		
	Tee 50 X 25mm dia		39.00	pcs		
	Tee 63 X 25mm dia		18.00	pcs		
	Tee 63 X 50mm dia		15.00	pcs		
	Tee 25 x 20mm dia (Threaded)		48.00	pcs		
	Gate Valve, 25mm dia		33.00	pcs		
	Angle Valve 1/2 x 1/2 x 1/2 " 2-way		24.00	pcs		
	End Cap 25mm dia		98.00			
	<b>PLUMBING FIXTURES</b>					
	Shower Set (3/4)		18.00	pcs		
	Hose bibb(3/4)		75.00	pcs		
	<b>Cladding</b>					
	G.I Sheet Gauge #22		45	pcs		
	Chipping, Coring works and Restoration		1.00	lot		
	Painting		1.00	lot		
	Testing commissioning		1.00	lot		
					<b>SUBTOTAL:</b>	<b>-</b>
<b>IV.</b>	<b>QUADRANT III- PLUMBING WORKS</b>					
	<b>WARD 11 &amp; 9</b>					
	<b>COLD WATER LINE SYSTEM</b>					
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>					
	<b>Installation of 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>		<b>108.00</b>	<b>1m</b>		
	PPR-PN 20 - 20 mm		27.00	pcs		
	Coupling Equal 20mm dia		30.00	pcs		
	C-Clamp with 2 holes 20 mm dia		106	pcs		
	Tee 25 x 25mm dia (Threaded)		98.00	pcs		
	Hanger, supports and consumable		1.00	lot		
	Tox & Crew #6		280	pcs		
	Tee 20 X 20mm dia		6.00	pcs		
	<b>Installation of 3/4 inch diameter with corresponding fittings, support &amp; consumables</b>		<b>216.00</b>	<b>1m</b>		
	PPR-PN 20 - 25 mm		54.00	pcs		
	Coupling Equal 25mm dia		162.00	pcs		
	Elbow 90, 25mm dia		78.00	pcs		

	C-Clamp with 2 holes 25 mm dia	211	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	555	pcs		
	Tee 25 x 20mm dia (Threaded)	48.00	pcs		
	Tee 25 X 25mm dia	78.00	pcs		
	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>268</b>	<b>lm</b>		
	PPR-PN 20 - 32 mm	67	pcs		
	Coupling Equal 32mm dia	135.00	pcs		
	Tee 32 X 25mm dia	24.00	pcs		
	C-Clamp with 2 holes 32 mm dia	262	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	685	pcs		
	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>312</b>	<b>lm</b>		
	PPR-PN 20 - 50 mm	78.00	pcs		
	Coupling Equal 50mm dia	156.00	pcs		
	C-Clamp with 2 holes 50 mm dia	305	pcs		
	Elbow 90, 50mm dia	9.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tee 50 X 25mm dia	24.00	pcs		
	Tox & Crew #6	800	pcs		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>276</b>	<b>lm</b>		
	PPR-PN 20 - 63 mm	69.00	pcs		
	Coupling Equal 63mm dia	125.00	pcs		
	C-Clamp with 2 holes 63 mm dia	300	pcs		
	Tee 63 X 25mm dia	9.00	pcs		
	Tee 63 X 63mm dia	9.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	785	pcs		
	<b>FITTINGS</b>				
	Elbow 90, 63mm dia	30.00	pcs		
	Reducer 63 X 32mm dia	15.00	pcs		
	Reducer 63 X 50mm dia	15.00	pcs		
	Reducer 75 X 40mm dia	8.00	pcs		
	Reducer 40 X 32mm dia	8.00	pcs		
	Gate Valve, 20mm dia	9.00	pcs		
	Gate Valve, 25mm dia	30.00	pcs		
	Angle Valve 1/2 x 1/2 x 1/2 " 2-way	24.00	pcs		
	End Cap 25mm dia	98.00			
	<b>PLUMBING FIXTURES</b>				
	Shower Set (3/4)	18.00	pcs		
	Hose bibb(3/4)	75.00	pcs		
	<b>Cladding</b>				
	G.I Sheet Gauge #22	47.00	pcs.		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>V.</b>	<b>QUADRANT IV- PLUMBING WORKS</b>				
	<b>WARD 1 &amp; 3</b>				
	<b>COLD WATER LINE SYSTEM</b>				



	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>200</b>	<b>lm</b>		
	PPR-PN 20 - 25mm	50.00	pcs		
	Coupling Equal 25mm dia	100	pcs		
	Elbow 90, 25mm dia	8.00	pcs		
	Tee 25 x 20mm dia (Threaded)	48.00	pcs		
	Tee 25 x 25mm dia (Threaded)	98.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>684</b>	<b>lm</b>		
	PPR-PN 20 - 50 mm	171.00	pcs		
	Coupling Equal 50mm dia	342	pcs		
	Elbow 90, 50mm dia	8.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>516</b>	<b>lm</b>		
	PPR-PN 20 - 63 mm	129.00	pcs		
	Coupling Equal 63mm dia	258	pcs		
	Elbow 90, 63mm dia	8.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tee 63 X 50mm dia	9.00	pcs		
	<b>PPR ELBOW</b>				
	Elbow 90, 20mm dia	8.00	pcs		
	Elbow 90, 32mm dia	8.00	pcs		
	Elbow 90, 40mm dia	8.00	pcs		
	Reducer 63 X 50mm dia	15.00	pcs		
	Reducer 75 X 63mm dia	15.00	pcs		
	Reducer 40 X 25mm dia	15.00	pcs		
	Gate Valve, 25mm dia	32.00	pcs		
	Angle Valve 1/2 x 1/2 x 1/2 " 2-way	27.00	pcs		
	End Cap 25mm dia	98.00	pcs		
	<b>PLUMBING FIXTURES</b>				
	Shower Set (3/4)	3.00	pcs		
	Hose bibb(3/4)	18.00	pcs		
	Chipping, Coring works, and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
	<b>EQUIPMENT</b>				
	Chipping Gun	2.00	pcs		
	Fusion	2.00	pcs		
	Grinder	2.00	pcs		
	Pressure testing pump	1.00	pcs		
				<b>SUBTOTAL:</b>	<b>-</b>
	<b>SECOND FLOOR</b>				
<b>VI.</b>	<b>QUADRANT I- PLUMBING WORKS</b>				
	<b>WARD 6&amp; 8</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	<b>Installation of 25 mm (inch) diameter with corresponding fittings, support &amp; consumables</b>	<b>32</b>	<b>lm</b>		
	PPR-PN 20 - 25 mm	8	pcs		
	Coupling Equal 25mm dia	16	pcs		
	Elbow 90, 25mm dia	2.00	pcs		

	C-Clamp with 2 holes, 25 mm dia	31	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	85	pcs		
	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>224</b>	<b>lm</b>		
	PPR-PN 20 - 32 mm	48	pcs		
	Coupling Equal 32mm dia	96	pcs		
	C-Clamp with 2 holes, 32 mm dia	188	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	495	pcs		
	<b>Installation of 1 1/4 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>68</b>	<b>lm</b>		
	PPR-PN 20 - 40 mm	17	pcs		
	Coupling Equal 40mm dia	34	pcs		
	C-Clamp with 2 holes, 40 mm dia	66	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	180	pcs		
	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>24</b>	<b>lm</b>		
	PPR-PN 20 - 50 mm	6	pcs		
	Coupling Equal 50mm dia	12	pcs		
	C-Clamp with 2 holes, 50 mm dia	23	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	65	pcs		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>48</b>	<b>lm</b>		
	PPR-PN 20 - 63 mm	12	pcs		
	Coupling Equal 63mm dia	24	pcs		
	C-Clamp with 2 holes, 63 mm dia	47	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	128	pcs		
	Elbow 90, 63mm dia	3.00	pcs		
	Reducer 32 X 25mm dia	3.00	pcs		
	Reducer 50 X 25 mm dia	3.00	pcs		
	Reducer 50 X 32 mm dia	3.00	pcs		
	Reducer 63 X 32 mm dia	3.00	pcs		
	Tee 63 X 63 mm dia	3.00	pcs		
	Tee 63 X 25mm dia	3.00	pcs		
	Tee 63 X 40mm dia	3.00	pcs		
	Tee 40 X 25mm dia	3.00	pcs		
	Tee 32 X 32 mm dia	3.00	pcs		
	Tee 32 X 25mm dia	18.00	pcs		
	Reducer 63 X 25 mm dia	3.00	pcs		
	Reducer 40 X 32 mm dia	3.00	pcs		
	Gate Valve, 25mm dia	21.00	pcs		
	<b>Cladding</b>				
	G.I Sheet Gauge #22	62	pcs.		
	Chipping, Coring works, and Restoration	1.00	lot		
	Painting	1.00	lot		



	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>VII.</b>	<b>QUADRANT II- PLUMBING WORKS</b>				
	<b>WARD 14B &amp; 16</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	<b>Installation of 25 mm (inch) diameter with corresponding fittings, support &amp; consumables</b>	<b>12</b>	<b>lm</b>		
	PPR-PN 20 - 25 mm	3	pcs		
	Coupling Equal 25mm dia	6.00	pcs		
	C-Clamp with 2 holes 25 mm dia	12	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	34	pcs		
	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>28</b>	<b>lm</b>		
	PPR-PN 20 - 32 mm	4	pcs		
	Coupling Equal 32mm dia	8	pcs		
	Elbow 90, 32mm dia	4.00	pcs		
	C-Clamp with 2 holes 32 mm dia	16	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	45	pcs		
	<b>Installation of 1 1/4 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>16</b>	<b>lm</b>		
	PPR-PN 20 - 40 mm	4	pcs		
	Coupling Equal 40mm dia	8.00	pcs		
	Elbow 90, 40 mm dia	3.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	C-Clamp with 2 holes 40 mm dia	16	pcs		
	Tox & Crew #6	45	pcs		
	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>160</b>	<b>lm</b>		
	PPR-PN 20 - 50 mm	40	pcs		
	Coupling Equal 50mm dia	80	pcs		
	C-Clamp with 2 holes 50 mm dia	156	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	410	pcs		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>128</b>	<b>lm</b>		
	PPR-PN 20 - 63 mm	32	pcs		
	Coupling Equal 63mm dia	64.00	pcs		
	C-Clamp with 2 holes 63 mm dia	125	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	328	pcs		
	Gate Valve, 25mm dia	17.00	pcs		
	Reducer 63 X 40mm dia	5.00	pcs		
	Reducer 50 X 32mm dia	3.00	pcs		
	Reducer 40 X 32mm dia	5.00	pcs		
	Tee 40 X 25mm dia	6.00	pcs		
	Tee 32 X 25mm dia	12.00	pcs		
	<b>Cladding</b>				

	G.I Sheet Gauge #22	45	pcs		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>VIII</b>	<b>QUADRANT III- PLUMBING WORKS</b>				
	<b>WARD 10 &amp; 12</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	<b>Installation of 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>96</b>	<b>lm</b>		
	PPR-PN 20 - 20 mm	24.00	pcs		
	Coupling Equal 20mm dia	48.00	pcs		
	C-Clamp with 2 holes 20 mm dia	94	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	247	pcs		
	<b>Installation of 25 mm (inch) diameter with corresponding fittings, support &amp; consumables</b>	<b>216</b>	<b>lm</b>		
	PPR-PN 20 - 25 mm	54.00	pcs		
	Coupling Equal 25mm dia	108.00	pcs		
	Tee 25 X 25mm dia	7.00	pcs		
	C-Clamp with 2 holes 25 mm dia	211	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	552	pcs		
	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>272</b>	<b>lm</b>		
	PPR-PN 20 - 32 mm	68.00	pcs		
	Coupling Equal 32mm dia	136.00	pcs		
	C-Clamp with 2 holes 32 mm dia	265	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	694	pcs		
	Tee 32 X 25mm dia	8.00	pcs		
	<b>Installation of 1 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>24</b>	<b>lm</b>		
	PPR-PN 20 - 50 mm	6.00	pcs		
	Coupling Equal 50mm dia	12.00	pcs		
	C-Clamp with 2 holes 50 mm dia	23	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	65	pcs		
	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>32</b>	<b>lm</b>		
	PPR-PN 20 - 63 mm	8.00	pcs		
	Coupling Equal 63mm dia	16.00	pcs		
	C-Clamp with 2 holes 63 mm dia	31	pcs		
	Hanger, supports and consumable	1.00	lot		
	Tox & Crew #6	85	pcs		
	Reducer 32 X 25mm dia	3.00	pcs		
	Reducer 65 X 32mm dia	3.00	pcs		
	Reducer 63 X 20mm dia	3.00	pcs		



	G.I Sheet Gauge #22	52	pcs.		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
	<b>EQUIPMENT</b>				
	Chipping Gun	2.00	pcs		
	Fusion	2.00	pcs		
	Grinder	2.00	pcs		
	Pressure testing pump	1.00	pcs		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>X</b>	<b>OLD OR SECOND FLOOR</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	<b>Installation of 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>48</b>	<b>lm</b>		
	PPR-PN 20 - 20 mm	12.00	pcs		
	Coupling Equal 20mm dia	24.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Elbow 90, 20mm dia	21.00	pcs		
	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>48</b>	<b>lm</b>		
	PPR-PN 20 - 25 mm	12.00	pcs		
	Coupling Equal 25mm dia	24.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Elbow 90, 25mm dia	21.00	pcs		
	<b>REDUCER</b>				
	Reducer 25 mm X 20 mm dia	3.00	pcs		
	Elbow 90, 32mm dia	3.00	pcs		
	Reducer 40 mm X 25 mm dia	3.00	pcs		
	Tee Reducer 32 mm X 20 mm dia	6.00	pcs		
	Gate Valve, 20mm dia	12.00	pcs		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>XI</b>	<b>OLD OR THIRD FLOOR</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	<b>Installation of 1/2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>96</b>	<b>lm</b>		
	PPR-PN 20 - 20 mm	24.00	pcs		
	Coupling Equal 20mm dia	48.00	pcs		
	Elbow 90, 20mm dia	18.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	<b>Installation of 1 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>12</b>	<b>lm</b>		
	PPR-PN 20 - 25 mm	3.00	pcs		
	Coupling Equal 25mm dia	6.00	pcs		
	Elbow 90, 25mm dia	3.00	pcs		
	Reducer 25 mm X 20 mm dia	3.00	pcs		

	Tee Reducer 25 mm X 20 mm dia	3.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>XII</b>	<b>ADMIN BUILDING GROUND FLOOR</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	Installation of 1/2 inch diameter with corresponding fittings, support & consumables	<b>16</b>	<b>lm</b>		
	20mm dia	4	pcs		
	Coupling Equal 20mm dia	5	pcs		
	Hanger, supports and consumable	1.00	lot		
	Installation of 1 inch diameter with corresponding fittings, support & consumables	<b>40</b>	<b>lm</b>		
	25mm dia	10	pcs		
	Coupling Equal 25mm dia	20	pcs		
	Hanger, supports and consumable	1.00	lot		
	Installation of 2 inch diameter with corresponding fittings, support & consumables	<b>144</b>	<b>lm</b>		
	63 mm dia	36.00	pcs		
	Coupling Equal 63mm dia	72.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	<b>FITTINGS</b>				
	Reducer 63 mm X 25 mm dia	23.00	pcs		
	Reducer 63 mm X 20 mm dia	9.00	pcs		
	Equal Tee 63mm	3.00	pcs		
	Elbow 90 degrees, 63 mm	9.00	pcs		
	End Cap, 63 mm	3.00	pcs		
	Gate Valve, 25mm dia	24.00	pcs		
	<b>PLUMBING FIXTURES</b>				
	Hose Bib (1/2")	8.00	pcs		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>XIII</b>	<b>ADMIN BUILDING SECOND FLOOR</b>				
	<b>COLD WATER LINE SYSTEM</b>				
	<b>PPR PN-20 PIPES - 4 METERS PER PIECE</b>				
	Installation of 1/2 inch diameter with corresponding fittings, support & consumables	<b>12</b>	<b>lm</b>		
	20mm dia	3	pcs		
	Coupling Equal 20mm dia	3.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Installation of 1 inch diameter with corresponding fittings, support & consumables	<b>24</b>	<b>lm</b>		
	25mm dia	6	pcs		
	Coupling Equal 25mm dia	12.00	pcs		
	Hanger, supports and consumable	1.00	lot		

	<b>Installation of 2 inch diameter with corresponding fittings, support &amp; consumables</b>	<b>60</b>	<b>lm</b>		
	63 mm dia	15.00	pcs		
	Hanger, supports and consumable	1.00	lot		
	Coupling Equal 63mm dia	30.00	pcs		
	Elbow 90 degrees, 63 mm	9.00	pcs		
	<b>FITTINGS</b>				
	Reducer 63 mm X 25 mm dia	15.00	pcs		
	Equal Tee 63mm	3.00	pcs		
	Gate Valve, 25mm dia	24.00	pcs		
	Chipping, Coring works and Restoration	1.00	lot		
	Painting	1.00	lot		
	Testing commissioning	1.00	lot		
				<b>SUBTOTAL:</b>	<b>-</b>
<b>XIV</b>	<b>SUMMARY</b>				
	Quadrant I				-
	Quadrant II				-
	Quadrant III				-
	Quadrant IV				-
	OLD OR				-
	ADMIN BUILDING				-
	GENERAL REQUIREMENT				-
	<b>TOTAL DIRECT COST</b>				-
	<b>Indirect Cost</b>				
	Overhead, Contingencies and Misc.				-
	Contractor Profit				-
	VAT (12%)				-
	<b>TOTAL INDIRECT COST</b>				-
	<b>TOTAL PROJECT COST</b>				-







[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

Prepared by :

---

Contractor

---

Date : \_\_\_\_\_