

BOQ - Plumbing Work

S/N	ItemName	UOM	PO QTY	Quantity	RA-01 Qty	IMR Qty	Total Approved Qty	RA-02 Qty	Need Additional PO Qty
A	WATER SUPPLY PIPING								
1	CPVC Pipes conforming to ASTM D-2846, SDR-11 grade and CPVC solvent weld fittings like elbows, tees, couplers, brass threaded adaptors, insert ring etc. suitable for (domestic and flushing) cold applications rated, concealed piping within wall floor including jointing with fittings using solvent cement, brass threaded end fittings for making connection to fixtures. The work shall also include chasing the walls with machine wherever required for concealed piping and making good the same after laying of pipes necessary pressure testing Chasing finishing shall be done with 1:1 cement mixed mortar, restore the same original condition for internal and shaft piping, including necessary hot deep galvanised supports vertical horizontal as per direction of Site Incharge direction. [The rate shall include supply of S.S.screws and nut bolts etc.chasing in walls done by machine] [The Domestic and Flushing water-Toilet internal] [Pipe shall be tested with 1.5 times working pressure as covered in specifications]								
1.1	20 mm Dia								
1.2	25 mm Dia								
1.3	32mm Dia	Rmt	40		46		46		
2	Providing Fixing of gun metal heavy Ball Valves-PN-16 (Approved makes as covered in specification) screwed type for water system of the following diameters. Valve shall have with unions.	Rmt	10						
2.2	25mm Dia								
2.3	32mm Dia	Nos.	1						
3	Providing, fixing, testing and commissioning capstan make Water Meter including providing fixing matching Isolation valves, strainer, non-return valve, complete with all necessary fittings etc screwed type(15Kgs Sq.cm). Valve shall have with union.	Nos.	1						
3.1	25 mm Dia incoming line								
4	Supply, installation,testing commissioning of Storage Type Electric Hot Water Generator of mentioned capacity, suitable for 3 KG cm2 pressure, Wall Mounted Floor standing type, with Auto Shut-off Thermostat, along with Isolation Valves, Air Release valve, SS flexible connections and all other std accessories	Nos.	1		1		1		
4.1	20 L Capacity-								
6	SITC of ACO grease trap -model Lipumobil S -Capacity- 32 lit (0.5 LPS) with all required accessories (Optional if not part of kitchen consultant Scope)	Nos.	1		1		1		
7	SITC of SANICOM2 - Heavy Duty Duplex Drain Pump with all required accessories	Nos.	1		1		1		
8	RO PACKAGE PLANT-Supply, installations, testing and commissioning of Package RO plant 100 Lit Hr including required pressure pumps panel pressurised tank if any, all assessoris, valves and membrane cleaning system, ultra-violet sterilizer, internal piping, pressure gages etc (System shall be Auto fill stop and Auto empty start mechanism)	No	1		1		1		
B	DRAINAGE								

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1	upPVC-SWR pipes conforming to IS 13592 92 including fittings conforming to IS-14935 99 and agri type pipes above 100 mm dia. conforming to IS 4985, cutting the pipes to required lengths, laying in the position to required grade and level, jointing, supporting with PVC cleat, hot deep galvanised bracket supports, hot deep galvanised nut-bolts, anchor fasteners, PVC coated U-clamp, testing and rectifying leakages for piping within vertical shafts supported on wall hung below slab etc. with all material labor complete and as directed. [The Rate shall include supply and fixing of hotdip galvanised bracket nut bolts PVC Coated U-Clamp and screws] Vertical line bracket shall be fixed at every 0.8 mtr to 1.00 mtr.] (For Waste, Vent -Internal and vertical shaft).	Rmt	5						
1.1	40mm Dia	Rmt	5						
1.2	50mm Dia	Rmt	15			15			
1.4	75mm Dia	Rmt	20			11		11	
1.5	100 mm Dia	Rmt	5						
2	Supply, install PVC Floor Trap for the following pipes including making all approved quality Solvent cement joints with material labour etc. all complete as per direction of the engineer-in-charge.	Nos.	2			2		2	
3	Supply, install PVC Multi Floor Trap for the following pipes including making all approved quality Solvent cement joints with material labour etc. all complete as per direction of the engineer-in-charge.	Nos.	1			1		1	
D	S.S. GRATING								
	Only installations testing and commissioning of S.S.Gratings								
2	Making chamber in brick work including internal tiling etc for S.S Grating size, 350mm x 350mm, in 16 swg 25mm x25mm Square Pipe around the Frame and 20mmx20mm Square pipe in center of frame with SS perforated tray (304 SWR). Complete as per architectural detail drawing Site Engineer's instruction.	Nos.	3			3		3	

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