

DHABA @ AHMEDABAD AIRPORT

PLUMBING WORKS-WATER SUPPLY AND DRAINAGE WORKS

S.NO	DESCRIPTION	UNIT	PO QTY	ACTUAL QTY
I	INTERNAL WATER SYSTEM			
(A)	WATER DISTRIBUTION FOR ALL THE AREAS			
1	Supplying, installing, fixing, jointing, testing and commissioning of approved make Chlorinated Polyvinyl Chloride pipes (CPVC) up to 50mm dia SDR.11, ASTM CTS, and above 50mm dia CPVC schedule 40 ASTM IPS. Fittings up to 50mm dia SDR.11, The fittings and specials such as tees, elbows, couplers, bends, enlargers etc, with CPVC brass threaded combination / transition specials such as male adapters brass threaded female adapters, brass FPT Tee, Brass FPT elbow, clamps, supports etc., where connection with metal is to be made including necessary drilling holes, chasing walls and the same original condition neatly as directed by the Engineer in-charge. Joints to be made with CPVC solvent cement up to 50mm dia as per ASTM D-2846 and above 50mm dia primer P-70, and solvent conforming to ASTM F-4931 / 724. (DWS AND HWS)			
1.1	20 mm dia (DWS & HWS)	Rmt	4	4
1.2	25 mm dia -287 rate	Rmt	20	20
2	Supplying, installing and testing, 32 mm dia (Screwed ends), approved make GM ball valves PN10 conforming to IS 1703 with unions etc., complete.	Nos		
3	Supplying, installing and testing, Digital Water Flow meter for measuring water consumption for the unit with all the mounting accessories with 32mm dia inlet and outlet size. Endress Hauser Flow Meters.	Nos		
(A)	SUB-TOTAL FOR WATER DISTRIBUTION FOR ALL THE AREAS			
(B)	INTERNAL SEWERAGE WATER SYSTEM + BOH/BAR AREA			



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			PO QTY	ACTUAL QTY
1	Supplying, fixing, testing and commissioning PVC, waste pipes (SWR) confirming to IS13592 :1992, type B with rubber ring (confirming IS:5382) joint inclusive of all necessary specials like bends, tees, offsets, door ends, junctions, cowls, etc., laid under floor/fixed on walls and in pipe shafts etc., complete. The quoted rate should include necessary earthwork, chasing in walls, making bores in walls, foundations and slabs and making good the chased surfaces, Anchor fasteners, supports like hanger supports, MS brackets with GI clamps, grip bolts, etc., complete. (Note:GI brackets/Supports shall be provided at every 1.5m c/c)			
	INTERNAL DIA			
1.3	100 mm dia	Rmt	7	7
2	Supplying, fixing and testing PVC pressure pipes (6Kg/sqcm) confirming to IS 4985 for waste connection from wash basin to 'P' trap and sink outlet pipe with solvent joints, including all the fittings, laid above false ceiling concealed in wall etc, complete. The quoted rate should include necessary chasing in walls making good the same in C.M 1:4, necessary fittings viz., supports like Hi-tech supports, grip bolts elbows, tees etc., with G.I clamps and Brackets, Anchor fasteners, Grip bolts, nuts and bolts, etc, complete.			
2.1	40mm dia	Rmt	3	3
3	40mm dia Flexible pipe for the drawing from the sink to the grease trap + from the sink to the outlet pipe	Rmt		
4	Mixer Tap	Nos.		
5	Supply, Fixing, Installation & Commissioning of Bib Cock with nozzle of Jaquar make model no CON-049KN with wall flange and necessary fittings etc complete.,	Each		
(B)	SUB -TOTAL FOR INTERNAL SEWERAGE WATER SYSTEM ALL AREAS			
	GRAND TOTAL FOR PHE WATER SUPPLY SYSTEM			
	EXCLUSIONS			
1	Sink is excluded from BOQ/ To be supplied by IES			
2	Grease trap is excluded. Grease traps will be supplied by IES/ Client			



D. Anisley
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