

# **PLUMBING WORKS**

[illegible]

S.No	Description	Quantity	Unit	Rate	Amount
	<b><u>WATER SUPPLY:</u></b>				
1	<b>Cold and Hot Water Supply Piping</b> Supply, installation Testing and Commissioning of of PPR PN - 20 Cold/Hot water pipes as per DIN 8077-8078 with molded fittings PN - 25 as per DIN 16962, including pipe supports as indicated on the drawing, as per specifications and Engineers approval.				
	(i) 20mm	370	RM		
	(ii) 25mm	310	RM		
	(iii) 32mm	232	RM		
	(iv) 40mm	130	RM		
	(v) 50mm	75	RM		
	(vi) 65mm	48	RM		
	(vii) 75mm	22	RM		
2	<b>Valves</b> Providing and fixing of Isolation/Gate valves of same material as piping as indicated on the drawing, as per specifications and Engineers approval.				
	(i) 20mm	31	Nos.		
	(ii) 25mm	8	Nos.		
	(iii) 32mm	1	Nos.		
	(iv) 40mm	13	Nos.		
	(v) 50mm	4	Nos.		
	(vi) 65mm	2	Nos.		
	(vii) 75mm	2	Nos.		
3	<b>Water Tank and Connection</b> Supply and installation of GRP Water tank of 1000 U.S Gallons capacity with Overflow and drain valves, complete in all respect as per drawings, specifications and Engineers Approval  Connection to GRP overhead water tanks from external Water supply network including Excavation, Backfill, Piping, Valves etc., complete all in accordance with the drawing and specifications.	0	Item		
		0	Job		
	Continued..				

S.No	Description	Quantity	Unit	Rate	Amount
	<b><u>WATER SUPPLY (Cont...)</u></b>				
4	<b>Plumbing Specialties:</b> Supply and installation of the following including all fittings, fixings, accessories, etc., as indicated on the drawing, as per Specifications and Engineers approval.  (i) 15mm dia. Bib Tap (ii) Air Relief Valve	37 2	Nos. Nos.		
5	<b>Electric Water Heaters</b> Providing and fixing of ceiling hung Electric Hot water heater with all accessories like Clamps, isolation valves, Air relief valves as indicated in the drawings, as per specifications and engineers approval  (i) EWH-01(Capacity 50 Litre) (ii) EWH-02 (Capacity 80 Litre) (iii) EWH-03 (Capacity 100 Litre) (iv) EWH-04 (Capacity 150 Litre)	1 1 0 13	Nos. Nos. Nos. Nos.		
	<b>Carried to Summary</b>				



S.No	Description	Quantity	Unit	Rate	Amount
	<b><u>SANITARY SEWAGE (Cont...)</u></b>				
3	<b>Manholes and Gully traps</b>  Construction of 750 x 750 Sanitary sewage manhole with 600x 600 heavy duty cover as specified and shown on the drawing, as per specifications and Engineers approval.  Construction of 450 x 450 gully trap with Sanitary sewage manhole with 300x 300 cover as specified and shown on the drawing, as per specifications and Engineers approval.	13  9	Nos.  Nos.		
4	<b>External Connection</b> Connection to external Sewage network, after obtaining approval from local authorities including the cost of excavation, Piping as specified and shown on the drawing, as per specifications and Engineers approval.	1	Job.		
5	<b>Shop/As Built Drawings.</b> Providing of Shop/As-built drawing in A1 size with electronic copy as advised by the consultant.	1	Job		
6	<b>Test Run Period</b> Providing test-run as advised by the consultant. After satisfactorily completion of test-run a certificate will be issued to contractor.	1	Job		
7	<b>Painting and Finishes</b> Providing painting and finishing as per specification and as directed by the Engineer Incharge, complete in all respects.	1	Job		
	<b>Carried to Summary</b>				

S.No	Description	Quantity	Unit	Rate	Amount
	<b><u>PLUMBING FIXTURES:</u></b>				
1	Providing and fixing European type water closet by Porta or Equivalent with 6 liters flush tank, build in S-Trap, Stop cock with flexible pipe as per drawings, specifications and Engineers Approval.	20	Nos.		
2	Providing and fixing Eastern type water closet by Porta or Equivalent with flush tank, build in S-Trap, Stop cock, necessary clamps, supports as per drawings, specifications and Engineers Approval.	17	Nos.		
3	Providing and fixing of wash basin by Porta with mixer by Sonex/Master, two (2) nos. Stop cocks with Flexible Connection , flexible drain pipe to floor drain as per drawings , specifications and engineers approval.	43	Nos.		
4	Providing and fixing of Shower head by Sonex/Master with shower mixer and angle valves as per architectural fixture selection ,complete in all respect.	36	Nos.		
5	Providing and fixing of Kitchen Sink by Porta with mixer and angle valves as per architectural fixture selection ,complete in all respect.	2	Nos.		
7	Providing and fixing bath toilet accessories as under by Sonex or Equivalent:				
	(i) Toilet Paper Holder	37	Nos.		
	(ii) Hand Spray / Muslim shower	37	Nos.		
	(iii) Soap dish	37	Nos.		
	<b>Carried to Summary</b>				