

**Quotation for Plumbing Items for the FY. 2017-2018**

Item No.	DESCRIPTION	DETAILED SPECIFICATION	Unit	Rate	Remarks
1	4" GI pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
2	3 1/2" GI Pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	3" GI pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	2" GI pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			

	13/4" GI pipe Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	1 1/2" GI pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	1 1/4" GI Pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	1" GI pipe, Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	3/4" GI pipe, Heavy duty.	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			

	1/2" GI pipe Heavy duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	4" GI pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	3 1/2" GI Pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	3" GI pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	2" GI pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			

	13/4 GI Pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	1 1/2" GI pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	1 1/4" GI Pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	1" GI pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
	3 3/4" GI Pipe, Medium duty.	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			

4	1 1/2" GI pipe, Medium duty	IS 1239/90 longitudinally welded mild steel, hot dipped galvanised as per IS 4736/68, both ends male threads BS 21 and greased. Socket IS 1239/92 mild steel galvanised and chamfered. Socketed on one end and other end covered with heavy duty HDP thread protector. Length 6.00m,. Tolerance +15cm & -0cm.			
5	<b>HDP Pressure 10 kg/ Sq.cm</b>				
6	110 mm				
7	90 mm				
8	75 mm				
9	63 mm				
10	50 mm				
11	40 mm				
12	32 mm				
13	25 mm				
14	20 mm				
15	110 mmx4 " Flange set	IS 4984/87			
16	4"x4" Flange Set	IS 4984/87			
17	90 mm x 3" Flange set	IS 4984/87			
18	3"x3" Flange Set	IS 4984/87			
19	63 mm x 2 " Flange set	IS 4984/87			
20	50mmx2" Flange set	IS 4984/87			
21	50 mm x 1 1/2 " Flange set	IS 4984/87			

22	4 " GI Elbow	IS 1879:1987			
23	3 " GI Elbow	IS 1879:1987			
	2 " GI Elbow	IS 1879:1987			
	1 3/4" GI Elbow	IS 1879:1987			
	1 1/2 " GI Elbow	IS 1879:1987			
	Brass Union, 50 mm x 1 1/2"	SP-57-1991			
	1" GI Elbow	IS 1879:1987			
	3/4 " GI Elbow	IS 1879:1987			
	1/2 " GI Elbow	IS 1879:1987			
	<b>GI Barrel Nipple</b>				
	4 " GI Nipple	Length is 20cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	3 " GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	2 " GI Nipple	Length is 20cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	1 3/4" GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	1 1/2 " GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	1 1/4 " GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	1" GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
	3/4" GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			

1/2" GI Nipple	Length is 20 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
2" GI Nipple	Length is 10 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
13/4 GI Nipple	Length is 10 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
11/2 GI Nipple	Length is 10 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
1" GI Nipple	Length is 10 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
3/4" GI Nipple	Length is 10 cm Tolerance +0 cm, -2 cm, IS 1879:1987			

1/2" GI Nipple	Length is 10 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
2" GI Nipple	Length is 15 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
13/4 GI Nipple	Length is 15 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
11/2 GI Nipple	Length is 15 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
1" GI Nipple	Length is 15 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
3/4" GI Nipple	Length is 15 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
1/2" GI Nipple	Length is 15 cm Tolerance +0 cm, -2 cm, IS 1879:1987			
<b>G.I Tank Nipple</b>				
1" Tank Nipple	IS 1879:1987			
3/4" Tank Nipple	IS 1879:1987			
1/2" Tank Nipple	IS 1879:1987			
4" x 3" GI Reducers	IS 1879:1987			
4" x 2" GI Reducers	IS 1879:1987			
3" x 2" GI Reducers	IS 1879:1987			
3"x13/4" GI Reducer	IS 1879:1987			
3"x11/2" GI Reducer	IS 1879:1987			
3"x1" GI Reducer	IS 1879:1987			
2"x13/4" GI Reducer	IS 1879:1987			
2" x 1 1/2"GI Reducer	IS 1879:1987			
2" x 1" GI Reducers	IS 1897:1987			
2"x3/4 GI Reducer	IS 1879:1987			
2"x1/2 GI Reducer	IS 1879:1987			
13/4"x11/2 GI Reducer	IS 1879:1987			
1 1/2" x 1" GI Reducers	IS 1879:1987			
1 1/2" x 1/2" GI Reducers	IS 1879:1987			
1" x 3/4" GI Reducers	IS 1879:1987			
1" x 1/2" GI Reducers	IS 1879:1987			
3/4" x 1/2" GI Reducers	IS 1879:1987			
13/4"x1" GI Reducers	IS 1879:1987			
13/4"x3/4"GI Reducer	IS 1879:1987			
13/4"x1/2" GI Reducer	IS 1879:1987			
11/2"x1" GI Reducer	IS 1879:1987			
11/2"x3/4"GI Reducer	IS 1879:1987			
11/2"x1/2"GI Reducer	IS 1879:1987			

1"x3/4" GI Reducer	IS 1879:1987			
1"x1/2 GI Reducer	IS 1879:1987			
3/4"x1/2"GI Reducers	IS 1879:1987			
4 " GI Sockets	IS 1879:1987			
3 " GI Sockets	IS 1879:1987			
2 " GI Sockets	IS 1879:1987			
1 3/4" GI Socket	IS 1879:1987			
1 1/2 " GI Sockets	IS 1879:1987			
1 1/4" GI Sockets	IS 1879:1987			
1 " GI Sockets	IS 1879:1987			
3/4" GI Sockets	IS 1879:1987			
1/2 " GI Sockets	IS 1879:1987			
4 " GI Tee's equal	IS 1879:1987			
3 " GI Tee's equal	IS 1879:1987			
2 " GI Tee's equal	IS 1879:1987			
1 3/4" GI Tees's equal	IS 1879:1987			
1 1/2 " GI Tee's equal	IS 1879:1987			
1 " GI Tee's equal	IS 1879:1987			
3/4" GI Tee's equal	IS 1879:1987			
1/2 " GI Tee's equal	IS 1879:1987			
4" x 4" x 3" GI Tee's unequal.	IS 1879:1987			
4" x 4" x 2" GI Tee's unequal.	IS 1879:1987			
4"x4"x1" GI Tee unequal	IS 1879:1987			
4 " x 4 " x 3/4 " GI Tee's unequal.	IS 1879:1987			
4 " x 4 " x 1/2 " GI Tee's unequal	IS 1879:1987			
3"x3"x2" GI Tee unequal				
3"x3"x1 3/4" GI Tee unequal				
3"x3"x1" GI Tee unequal				
3 " x 3 " x 3/4 " GI Tee's unequal	IS 1879:1987			
3 " x 3 " x 1/2 " GI Tee's unequal	IS 1879:1987			
2" x 2 " x 1 3/4 " GI Tee's unequal				
2" x 2 " x 1 1/2 " GI				
2 " x 2 " x 1" GI Tee's unequal	IS 1879:1987			
2 " x 2 " x 3/4 " GI Tee's unequal	IS 1879:1987			
2 " x 2 " x 1/2 " GI Tee's unequal	IS 1879:1987			
1 3/4"x1 3/4"x1 1/2 GI Tee's unequal				
1 3/4"x1 3/4"x1" GI Tee's unequal				
1 3/4"x1 3/4"x 3/4" GI Tees unequal				
1 3/4"x1 3/4"x1/2 GI unequal				
1 1/2 " x 1 1/2 " x 3/4 " GI Tee's unequal	IS 1879:1987			
1 1/2 " x 1 1/2 " x 1/2 " GI Tee's unequal	IS 1879:1987			

1 " x 1 " x 3/4 " GI Tee's unequal	IS 1879:1987			
1 " x 1 " x 1/2 " GI Tee's unequal	IS 1879:1987			
3/4 " x 3/4 " x 1/2 " GI GI Tee's unequal	IS 1879:1987			
4 " GI Unions	IS 1879:1987			
3 " GI Unions	IS 1879:1987			
2 " GI Unions	IS 1879:1987			
1 1/2 " GI Unions	IS 1879:1987			
1 1/4 " GI Unions	IS 1879:1987			
1 " GI Unions	IS 1879:1987			
3/4 " GI Unions	IS 1879:1987			
1/2 " GI Unions	IS 1879:1987			
4" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
3" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
2" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
1 3/4" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
1 1/2" - Brass Gate Valve				
1 1/4" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
1" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
1" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
3/4" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
1/2" - Brass Gate Valve	Class I, 1.5 MPa IS 778-84			
1" - Brass Globe Valve	Class I, 1.5 MPa IS 778-84			
1/2" - Brass Globe Valve	Class I, 1.5 MPa IS 778-84			
1 1/2" - Brass Globe Valve	Class I, 1.5 MPa IS 778-84			
1/2" - Tapstand Regulating Valve set (20mm)	Class I, 1.5 MPa IS 778-84			
Regulating valve key	As per PHE sample and drawing			
Brass Air Release Valve 1/2"	Copper or brass made. Min. wt ... +20gms, - 0gm See attached PHED drawing for detail specification.			
Nails 1"	Galvanised wire nails sharpened			
Nails 3"	Galvanised wire nails sharpened			
Nails 2"	Galvanised wire nails sharpened			
Nail 1.5"	Galvanised wire nails sharpened			
Nails - U	8 SWG H=35 mm, W=10 mm Sharpened			
Nails 4"	Galvanised wire nails sharpened			
Nails 5"	Galvanised wire nails sharpened			
Nails 6"				
Prefab manhole cover &				
Perforated GI plate	As per PHE drawing & specification			
Rebar 6mm	TATA steel bars, IS : 1786/1985, Grade FE415, TOR			
Rebar 8mm	TATA steel bars, IS : 1786/1985, Grade FE415, TOR			
Rebar 10mm	TATA steel bars, IS : 1786/1985, Grade FE415, TOR			
Rebar 12mm	TATA steel bars, IS : 1786/1985, Grade FE415, TOR			
M.S. Plain rod 6mm	TATA steel bars, IS : 1786/1985, Grade FE415, Plain			
Hessian jute	7.5 oz width 90cm, In roll of 30 meter.			



	Plastic sheet thin	Thickness 0.0625 mm Width 90 cm, double sheet. In roll of 30 meter.			
		<b>CGI SHEET</b>			
	CGI Sheet 12'	Corrugated 63mm			
	CGI Sheet 10'	Corrugated 63mm			
	CGI Sheet 9'	Corrugated 63mm			
	CGI Sheet 8'	Corrugated 63mm			
	CGI Sheet 6'	Corrugated 63mm			
	Ridges 6'	Corrugated 63mm			
	Ply wood	8mm			
	Ply wood	6mm			
	Ply wood	4mm			
	Ply wood	2mm			
	Plastic sheet for spring	sheet. In rolls of 25 meter			
	Thimble-13mm				
	Barbed wire	Gauge 12 SWG double wired, double barbed 90 degrees angle, every 10 cm, galvanized (IS: 278/1969). In roll of 30 kg weight tolerance +3 kg, -0 kg			
	Wire, GI binding	Gauge 22 SWG. In roll of 1kg			
	Wire Mesh-2mm				
	Wire, mesh chicken	23 SWG, hexagonal 15 mm, 11/2" full twist, double string at side, width 1 metre. in rolls of 25 m			
	Wire, Plain 8 Gauge (3.50mm)	8 SWG with light galvanized coating. In rolls of 40 kg, weight tolerance of +3 kg, -0 kg.			
	Wire , Black Binding	gauge 8SWG with light galvanised coating. In rolls of 40kg, wt tolerance of +3kg, -0kg.			
	Blade, hacksaw single side	IS 2594:1976			
	Brush, Paint 4"				
	Brush, Paint 2"				
	GI End Cap -2"				
	GI Hexagonal Nipples 2"				
	GI Hexagonal Nipples 1/2"				
	Quire Rope				
	Nylone Rope 13mm dia. 15mm long				
	Bombay Putty with				
	Hardner (Car patch) Rivet				
	Gutter End Cap				
	M.S Rafter Bracket 3-4mm thick				
	Receiver Cone				
	PVC Clamp 63mm & down				
	Joint Angle Gutter 90 deg.				
	Brass Bip Cock 15mm				
	Brass Bip Cock 20mm G.I.Plug				
	G.I plug				
	GI threaded single Flange 2"				













