

GOVERNMENT OF TELANGANA STATE



**PUBLIC HEALTH &
MUNICIPAL ENGINEERING DEPARTMENT**

**REVISED (EXCLUDING EMBEDDED TAXES)
SCHEDULE OF RATES OF PUBLIC
HEALTH ITEMS
FOR THE YEARS 2015-16 & 2016-17**

**Government of Telangana
Public Health & Municipal Engineering Department**

**Office of the Engineer-in-Chief,
Public Health, A.C. Guards,
Hyderabad - 500 004.**

Proc.No. 133/AE4/T2/GST/2017

Dated: 15-02-2019

Sub: PH & MED - Quantification of Embedded Tax rates for the previous SoRs prior to 2017-18- directed by the Government - Revised rates (excluding embedded taxes) of Public Health items for the previous SoRs 2015-16 & 2016-17 - Worked out - Communicated - Reg.

- Ref:**
1. GO Ms No 67 I & CAD (Reforms) Dept dated 04-07-2018
 2. Minutes of Board of Chief Engineers meeting on GST held on 18-07-2018.
 3. Minutes of HODs/ENCs level meeting with all Engineering Depts held on 20-08-2018.
 4. ENC(IW), I&CAD Dept., Proc.No.ENC/IW/P&M/EE/DEE-2/AEE.5/GST/18-19/Vol-II, dt:28-8-18.
 5. Engineer-in-Chief, RWS&S Dept., Lr.No.AEE(T)/DEE(T)/SSR/2015-16, Dt:30-10-2018.
 6. Minutes of the Committee [constituted by ENC (PH)] meeting held on 12-02-2019.

Consequent to the implementation of GST by Govt. of India, the Government of Telangana vide GO Ms No 67 I & CAD (Reforms) Deptt., dated 04.07.2018 have issued guidelines on implementation of GST for regulating work bills for all engineering departments. It was directed to take necessary action to revise schedule of rates to comply with the GST system. Accordingly, the Board of Chief Engineers (BOCEs) meeting was held on 18.07.2018 for detailed discussion and necessary recommendations on quantification of embedded taxes and setting up of monitoring mechanism of GST Payments by Works executing agencies.

After detailed deliberations in the matter, the BOCEs has agreed the following in respect of **Quantification of Embedded Taxes** for the previous SoRs prior to GST regime vide Para - 2 of its recommendations.

“All the embedded taxes of respective SoRs prior to GST will be indicated and uploaded in I&CAD website duly collecting the same from respective Departments.”

Further, on Quantification of Embedded Tax rates for the previous SoRs prior to GST regime, the Engineer-in-Chief (AW), Chairman, BOCEs vide letter dated 26.07.2018 requested to furnish the tax rates pertaining to their departments immediately, for uploading the same in I & CAD Dept website for processing / finalization of all ongoing works as on 01.07.2017 as per the directions/guidelines of Board of Chief Engineers.

Further, HODs/ENCs level meeting with all Engineering Departments was held on 20.08.2018 in the chambers of Engineer-in-Chief (AW), I&CAD Dept., and Chairman, BOCEs, 1st Floor, Jalasoudha to finalize the embedded tax rates and other related issues in the subject matter wherein the following recommendations were made:

i) *The worked out embedded tax rates for Irrigation items in previous SoRs 2009-10 to 2016-17 are examined by the ENCs Committee and recommended accordingly. Further, it is agreed that, the worked out embedded tax rates of common material existing in the Irrigation items i.e., Cement and Reinforcement steel etc., may be adopted by the other Engineering Departments in working out the tax component in their respective ongoing works.*

ii) *The respective Engineering Departments may work out the embedded tax rates/basic rates of material/machinery pertaining to their departments in the previous SoRs and upload the same in their Departmental websites under intimation to the Chairman, BOCEs, accordingly.*

Accordingly, the embedded tax rates of the common basic items were uploaded in the website of irrigation department (<https://irrigation.telangana.gov.in>) vide Engineer-in-Chief (IW), I&CAD Dept., Proc.No.ENC/IW/P&M/EE/DEE-2/AEE.5/GST/2018-19/Vol-II, Dt: 28-08-2018, wherein it was indicated that *“the respective Engineering departments shall work out the embedded tax rates/basic rates of material/machinery pertaining to their departments in the previous SoRs and upload the same in their departmental websites, accordingly”*.

Accordingly, the Engineer-in-Chief (PH) constituted an internal committee consisting of the following members to work out the embedded tax rates in the PH SoRs prior to 2017-18.

1. Sri. M. Devanand, SE (PH), West Circle, Hyderabad- Chairman
2. Sri. M. Rajeshwar Rao, SE (PH), Warangal- Member
3. Sri. V. Mohan Kumar, EE (Designs), O/o ENC(PH), Hyderabad- Member
4. Sri. M. Gururaja Rao, Dy.SE, O/o SE(PH), West Circle, Hyderabad- Member Convener
5. Sri P. Sambaiah, SE, QC Circle, TUFIDC- Spl. Invitee

The Committee has submitted report along with revised basic rates of PH items covered in SoRs for the years 2015-16 and 2016-17 duly excluding the embedded taxes based on the *worked out embedded tax rates of common material existing in the Irrigation items* i.e., Cement, Reinforcement steel, aggregates etc., which are approved by BOCE/ENCs Committee and the for the items not covered therein, by the considering prevailing tax rates were considered and recommended for adoption.

The Committee has recommended for adoption of the revised basic rates (excluding embedded taxes) of PH items for SoRs for the years 2009-10 to 2014-15 (combined state SoRs) finalized by the Govt. of A.P.

Further, the Committee has stated that, regarding OHSRs/ELSRs and WTPs, since the geometry and sizes of its various members vary from design to design, the field Engineers shall work out the embedded taxes on **case by case basis** for various items/materials involved in construction, based on actual execution and as per

- i) the approved tax rates for the basic items by the BOCE/ENCs Committee and
- ii) for items not covered by the BOCE/ENCs Committee, the prevailing taxes during the course of execution shall be taken into consideration.

The revised basic rates (excluding embedded taxes) of PH SoRs i.e., 2015-16 & 2016-17 as recommended by the Committee are uploaded in PHED website (<https://publichealth.telangana.gov.in>) for evaluation of embedded tax component for the works which were in progress (and taken up) during the transition period i.e., w.e.f 01.07.2017. For revised basic rates (excluding embedded taxes) of PH SoRs of 2009-10 to 2014-15 please visit <https://appublichealth.gov.in/>.

Any discrepancies/omissions found in the above finalized embedded tax rates/basic rates may be brought to the notice of the undersigned for issuing necessary corrigendum/addendum.

Encl: Soft copy of revised basic rates of PH items for the SoRs 2015-16 & 2016-17.

Sd/-
ENGINEER-IN-CHIEF (PH)

To,
All the SEs/EEs (PH) for necessary action.
All ULBs for necessary action.

Copy to the Chairman, BOCE and the Engineer-in-Chief (AW), I&CAD Dept., for information and n/a.
Copy to the Engineer-in-Chief (RWS&S) for information.

//ATTESTED//


EXECUTIVE ENGINEER (PH)

use
15/2/19

**REVISED (EXCLUDING EMBEDDED TAXES)
SCHEDULE OF RATES OF PUBLIC
HEALTH ITEMS
FOR THE YEAR 2016-17**

Revised (Excluding Taxes) Rates of PH SoR 2016-17**RCC PLAIN ENDED PIPES**

1	Manufacture, Supply and Delivery of R.C.C. Plain ended pipes conforming to B.I.S 458/2003 , Ex-factory, Excluding transportation, taxes & duties				
	Size	Unit	NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Metre	131		
	100 mm dia	Metre	153		
	150 mm dia	Metre	183		
	200 mm dia	Metre	220		
	225 mm dia	Metre	238		
	250 mm dia	Metre	254		
	300 mm dia	Metre	364	840	851
	350 mm dia	Metre	455	1033	1051
	400 mm dia	Metre	523	1141	1164
	450 mm dia	Metre	641	1307	1320
	500 mm dia	Metre	700	1413	1619
	600 mm dia	Metre	1044	2126	2495
	700 mm dia	Metre	1331	2627	3321
	800 mm dia	Metre	1627	3464	4319
	900 mm dia	Metre	2041	4335	5380
	1000 mm dia	Metre	2485	5405	7357
	1100 mm dia	Metre	2953	6350	8505
	1200 mm dia	Metre	3517	7468	9932
	1400 mm dia	Metre	4794	9626	13677
	1600 mm dia	Metre	5532	12435	16284
	1800 mm dia	Metre	7270	16428	21759

The above rates of RCC Plain ended pipes are based on the following raw materials cost.

Cement. Rs.4270/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs.30476/- per MT. (Excluding all taxes).

Revised (Excluding Taxes) Rates of PH SoR 2016-17

R.C.C. COLLARS

1	Manufacture, Supply and Delivery of R.C.C. Collars conforming to B.I.S. 458/2003 (rate per each collar) suitable for R.C.C. Plain ended pipes including transportation but excluding taxes & duties				
	Size	Unit	NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	41		
	100 mm dia	Each	42		
	150 mm dia	Each	44		
	200 mm dia	Each	60		
	225 mm dia	Each	62		
	250 mm dia	Each	69		
	300 mm dia	Each	91	130	130
	350 mm dia	Each	112	162	162
	400 mm dia	Each	126	186	186
	450 mm dia	Each	196	248	248
	500 mm dia	Each	223	295	295
	600 mm dia	Each	304	384	384
	700 mm dia	Each	392	514	514
	800 mm dia	Each	550	657	657
	900 mm dia	Each	660	766	766
	1000 mm dia	Each	772	956	956
	1100 mm dia	Each	942	1209	1209
	1200 mm dia	Each	1141	1512	1512
	1400 mm dia	Each	1473	1914	1914
	1600 mm dia	Each	1880	2448	2448
	1800 mm dia	Each	1922	3145	3145

The above rates of RCC Collars suitable to plain ended pipes are based on the following raw materials cost.

Cement Rs. 4270/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs. 30476/- per MT. (Excluding all taxes).

Revised (Excluding Taxes) Rates of PH SoR 2016-17

RCC S/S PIPES (Non-Pressure)

1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 at ex-factory (rate per meter of effective length) Excluding transportation, taxes & duties.				
	Size	Unit	NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Metre	166		
	100 mm dia	Metre	188		
	150 mm dia	Metre	221		
	200 mm dia	Metre	271		
	225 mm dia	Metre	296		
	250 mm dia	Metre	315		
	300 mm dia	Metre	443	1078	1137
	350 mm dia	Metre	570	1373	1394
	400 mm dia	Metre	627	1522	1546
	450 mm dia	Metre	781	1679	1690
	500 mm dia	Metre	899	1914	2071
	600 mm dia	Metre	1270	2681	2714
	700 mm dia	Metre	1644	3407	3500
	800 mm dia	Metre	2099	4504	4552
	900 mm dia	Metre	2645	5644	5725
	1000 mm dia	Metre	3215	6378	6769
	1100 mm dia	Metre	3776	7499	7794
	1200 mm dia	Metre	4271	8837	9110
	1400 mm dia	Metre	6090	11693	12875
	1600 mm dia	Metre	7529	15123	15337
	1800 mm dia	Metre	8424	19986	20493

The above rates of RCC S/S Non-Pressure pipes are based on the following raw materials cost.

Cement Rs. 4270/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs. 30476/- per MT. (Excluding all taxes).

Revised (Excluding Taxes) Rates of PH SoR 2016-17**RCC S/S PIPES (Pressure)**

1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 Ex-factory (rate per meter of effective length) Excluding transportation, taxes & duties.				
	Size	Unit	P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Metre	218	247	278
	100 mm dia	Metre	248	293	337
	150 mm dia	Metre	341	436	536
	200 mm dia	Metre	398	567	746
	225 mm dia	Metre	447	643	828
	250 mm dia	Metre	487	686	865
	300 mm dia	Metre	657	989	1222
	350 mm dia	Metre	820	1376	1771
	400 mm dia	Metre	972	1824	2339
	450 mm dia	Metre	1035	2160	2877
	500 mm dia	Metre	1379	2339	3263
	600 mm dia	Metre	1889	3485	4517
	700 mm dia	Metre	2510	4566	5731
	800 mm dia	Metre	3140	5411	6927
	900 mm dia	Metre	3786	6355	
	1000 mm dia	Metre	4769	7289	
	1100 mm dia	Metre	5719		
	1200 mm dia	Metre	6721		

The above rates of RCC S/S Pressure pipes are based on the following raw materials cost.

Cement. Rs. 4270/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs. 30476/- per MT. (Excluding all taxes).

Revised (Excluding Taxes) Rates of PH SoR 2016-17

A.C.PIPES

1	Manufacture, Supply of A.C*. Pressure pipes (mazza process) as per BIS No: 1592/2003 as amended from time to time duly marked with BIS mark, including cost of material, incidental handling, loading and packing charges but are exclusive of transportation, unloading, stacking at departmental stores, and excluding excise duty, VAT octroi and other govt. Levies. The pipes shall be tested at factory premises confirming to is code 1592/2003.					
	Size	Unit		Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Metre		188	206	257
	100 mm dia	Rate/Metre		248	315	386
	125 mm dia	Rate/Metre		323	401	505
	150 mm dia	Rate/Metre		454	566	710
	200 mm dia	Rate/Metre		751	962	1220
	250 mm dia	Rate/Metre		952	1235	1546
	300 mm dia	Rate/Metre		1332	1735	2217
	350 mm dia	Rate/Metre		1623	2110	2661
	400 mm dia	Rate/Metre		2110	2760	3426
	450 mm dia	Rate/Metre		2506	3327	4166
	500 mm dia	Rate/Metre		3093	4067	5107
	600 mm dia	Rate/Metre		4398	5745	7319
	700 mm dia	Rate/Metre		5800	7868	10173
	750 mm dia	Rate/Metre		6610	9083	11640
	800 mm dia	Rate/Metre		7563	10290	13207
	850 mm dia	Rate/Metre		8484	11575	14871
	900 mm dia	Rate/Metre		9458	12933	16634
	1000 mm dia	Rate/Metre		11675	15877	20455
	<p>1. The above rates of AC Pipes are based on the Cement cost of RS 4270/- per MT (Excluding all taxes).</p> <p>2. The above rates of AC pipes are based on the Fiber cost of Rs 77,000/- per M.T (Excluding all taxes)</p>					

Revised (Excluding Taxes) Rates of PH SoR 2016-17

A.C.COUPLINGS

1	Manufacture, Supply of A.C* Couplings suitable to A.C*.Pressure pipes (mazza process) as per BIS: 1592/2003 excluding cost of rubber rings to suit AC* pressure pipes including cost of material, incidental handling, packing, transportation and unloading at site transit risk, but excluding excise duty, VAT and other govt. Levies and testing of joints as per IS Code.					
	Size	Unit		Class - 15	Class - 20	Class – 25
	80 mm dia	Rate/Each		89	96	110
	100 mm dia	Rate/Each		115	125	149
	125 mm dia	Rate/Each		145	159	192
	150 mm dia	Rate/Each		169	212	260
	200 mm dia	Rate/Each		310	340	433
	250 mm dia	Rate/Each		363	458	581
	300 mm dia	Rate/Each		473	614	789
	350 mm dia	Rate/Each		612	791	1010
	400 mm dia	Rate/Each		944	1232	1576
	450 mm dia	Rate/Each		1130	1490	1912
	500 mm dia	Rate/Each		1347	1801	2300
	600 mm dia	Rate/Each		1658	2081	2663
	700 mm dia	Rate/Each		2185	2941	3824
	750 mm dia	Rate/Each		2464	3369	4348
	800 mm dia	Rate/Each		2796	3790	4905
	850 mm dia	Rate/Each		3114	4239	5498
	900 mm dia	Rate/Each		3446	4713	6120
	1000 mm dia	Rate/Each		4206	5731	7469

1. The above rates of AC Coupling are based on the Cement cost of RS. 4270/- per MT (Excluding all taxes).
2. The above rates of AC Coupling are based on the Fiber cost of Rs 77,000/- per M.T (Excluding all taxes)

Revised (Excluding Taxes) Rates of PH SoR 2016-17

PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES

1	Manufacture, Supply, Delivery of Pre-stressed (Non-cylinder) concrete pipes conforming to IS 784/2001 ex-factory excluding transportation, taxes & duties., for the following field test pressures.(the manufacture shall design the pipes as per the IS Code 784-2001)							
	Size	Unit	6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2
	350 mm dia	Metre	2717	2727	2737	2743	2796	2892
	400 mm dia	Metre	2918	2939	2967	2998	3049	3090
	450 mm dia	Metre	3081	3091	3120	3172	3249	3316
	500 mm dia	Metre	3331	3338	3356	3419	3484	3584
	600 mm dia	Metre	3817	3835	3863	3970	4091	4209
	700 mm dia	Metre	4477	4526	4625	4737	4865	5027
	800 mm dia	Metre	5419	5524	5639	5787	5950	6191
	900 mm dia	Metre	6197	6338	6489	6741	6939	7416
	1000 mm dia	Metre	7300	7486	7682	7872	8115	8665
	1100 mm dia	Metre	8158	8370	8611	8848	9060	9777
	1200 mm dia	Metre	9142	9428	9693	9868	10354	11255
	1300 mm dia	Metre	10335	10655	10974	11292	12276	12634
	1400 mm dia	Metre	11995	12368	12750	13377	14107	14700
	1500 mm dia	Metre	13527	13972	14387	15573	15946	17891
	1600 mm dia	Metre	15210	15687	16164	17513	18025	19891
	1700 mm dia	Metre	16316	16880	17433	18856	21007	21797
	1800 mm dia	Metre	17991	19113	20040	21668	22473	24848
	1900 mm dia	Metre	19224	20248	21891	23126	25104	26885
	2000 mm dia	Metre	21092	22382	23425	25507	28022	29024

The above rate of PSC pipes are based on the HT wire cost of Rs.44444/-MT (Excluding ALL taxes).
and cement price of Rs.4,270/- per MT (Excluding ALL taxes)

Revised (Excluding Taxes) Rates of PH SoR 2016-17

PRE-STRESSED (CYLINDER) CONCRETE PIPES

Pre-stressed (Cylinder type) concrete pipes conforming to IS 784/2001 @ ex-factory cost of pipes, excluding transportation, laying, jointing, testing, bends, tees, specials, taxes & duties etc,. For the following field test pressures.(the manufacture shall design the pipes as per the IS Code 784-2001).

Size	Unit	4 Kg/cm2	6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2	18 Kg/cm2	20 Kg/cm2
400 mm dia	Meter	4896	4896	4896	4896	4920	4967	5050	5130	5189
450 mm dia	Meter	5313	5313	5313	5337	5396	5468	5555	5587	5630
500 mm dia	Meter	5657	5657	5715	5757	5802	5865	5937	5987	6038
600 mm dia	Meter	6474	6540	6602	6673	6733	6794	6901	6978	7045
700 mm dia	Meter	7344	7424	7512	7589	7676	7755	7910	7991	8107
800 mm dia	Meter	8647	8743	8847	8960	9064	9169	9329	9479	9594
900 mm dia	Meter	9809	9952	10081	10220	10359	10500	10903	11085	11308
1000 mm dia	Meter	11786	11953	12117	12291	12455	12632	13170	13417	13663
1100 mm dia	Meter	13043	13244	13453	13651	13860	14062	14726	14997	15264
1200 mm dia	Meter	14466	14711	14943	15186	15439	15685	16473	16769	17100
1300 mm dia	Meter	16185	16473	16760	17046	17332	17932	18503	18945	19407
1400 mm dia	Meter	18183	18544	18914	19323	20102	20523	21241	21394	22161
1500 mm dia	Meter	21201	21648	22020	22401	23144	23568	24118	24967	25446
1600 mm dia	Meter	23912	24533	25042	25837	26322	26866	27788	28324	28864
1700 mm dia	Meter	25706	26379	26859	27766	28310	29481	30036	30655	31289
1800 mm dia	Meter	28160	28910	30380	31290	32180	33855	35264	35942	36640
1900 mm dia	Meter	32604	33221	34284	34988	36384	37151	37857	38627	39403
2000 mm dia	Meter	34346	35475	36219	36969	38521	39365	40149	40991	41868

The above rates of PCCP pipes are based on the following raw materials cost.

HT Wire: - Rs.44444/- (Excluding taxes)

HR Coil (Hot Rolled): - Rs.35979/- Excluding taxes)

Cement Cost Rs. 4,270/-per MT (Excluding taxes but)

Revised (Excluding Taxes) Rates of PH SoR 2016-17

BAR WRAPPED STEEL CYLINDER PIPES

Bar Wrapped Steel Cylindrical (BWSC) pipes conforming to IS 15155 - 2002, ex-factory excluding transportation, taxes and duties etc., for bar wrapped steel cylindrical pipes for the following field test pressures.

Size	Unit	4 -12 Kg/cm²	14 Kg/cm²	16 Kg/cm²	18 Kg/cm²	20 Kg/cm²	22 Kg/cm²	24 Kg/cm²	26 Kg/cm²	28 Kg/cm²	30 Kg/cm²
250 mm dia	Meter	2369	2369	2369	2369	2369	2369	2648	2720	2730	2882
300 mm dia	Meter	2635	2635	2635	2635	2635	2735	3112	3216	3259	3448
350 mm dia	Meter	3210	3210	3210	3256	3393	3539	3676	3813	3959	4139
400 mm dia	Meter	3526	3526	3590	3771	3945	4128	4302	4484	4732	4894
450 mm dia	Meter	3940	3967	4205	4424	4661	4830	5031	5218	5408	5903
500 mm dia	Meter	4265	4520	4794	5086	5370	5671	5915	6115	6547	7014
600 mm dia	Meter	5222	5541	5943	6327	6737	7185	7655	8162	8619	9109
700 mm dia	Meter	6357	6861	7381	7920	8536	9190	9783	10595	11141	11731
800 mm dia	Meter	7659	8270	8955	9755	10652	11432	12375	13059	13878	14838
900 mm dia	Meter	9163	9956	10805	11751	12771	13912	14928	15755	16942	18332
1000 mm dia	Meter	10866	11848	13002	14196	15321	16668	17660	19078	20594	21954
1100 mm dia	Meter	14044	14318	15578	16994	18364	19877	21499	22958	24612	26492
1200 mm dia	Meter	15304	16263	17787	19394	21019	22990	25046	27011	28806	30726

The above rates of BWSC pipes are based on the following raw materials cost.

HR Plates - Rs.35979/- per MT (Excluding taxes but including Freight), Wire rods - Rs.30476/- per MT (Excluding taxes but including Freight)

Cement Cost Rs. 4,270/-per MT (Excluding taxes but including Freight)

Revised (Excluding Taxes) Rates of PH SoR 2016-17

M.S.PIPES

1	Manufacture, supply and delivery of M.S Pipes conforming to is 3589/2001 including in lining with cement mortar (1:2) 15mm thick using 4 numbers of 6mm dia M.S.Rings at each end of the pipe and out coating with cement mortar (1:3) 30mm thick by shortcreting or gunetting duly providing wire mesh of size 50x50x3mm including cost of all materials, labour charges, transportation to anywhere in T.G, but excluding taxes & duties, etc.	Unit	Thicknes s in mm	Rate (Rs.)
	500 mm dia	Metre	8.00	7422
	500 mm dia	Metre	10.00	8702
	600 mm dia	Metre	8.00	8824
	600 mm dia	Metre	10.00	10343
	700 mm dia	Metre	8.00	10180
	700 mm dia	Metre	10.00	11962
	800 mm dia	Metre	8.00	11532
	800 mm dia	Metre	10.00	13551
	800 mm dia	Metre	12.00	15576
	900 mm dia		8.00	12914
	900 mm dia	Metre	10.00	15139
	900 mm dia	Metre	12.00	17392
	1000 mm dia	Metre	8.00	14323
	1000 mm dia	Metre	10.00	16811
	1000 mm dia	Metre	12.00	19299
	1000 mm dia	Metre	14.00	21760
	1100 mm dia	Metre	10.00	18353
	1100 mm dia	Metre	12.00	21076
	1100 mm dia	Metre	14.00	23800
	1100 mm dia	Metre	16.00	26569
	1200 mm dia	Metre	10.00	20026
	1200 mm dia	Metre	12.00	22986
	1200 mm dia	Metre	14.00	25908
	1200 mm dia	Metre	16.00	28873
	1200 mm dia	Metre	18.00	31832

	1300 mm dia	Metre	10.00	21610
	1300 mm dia	Metre	12.00	24762
	1300 mm dia	Metre	14.00	27954
	1300 mm dia	Metre	16.00	31195
	1300 mm dia	Metre	18.00	34389
	1300 mm dia	Metre	20.00	37589
	1400 mm dia	Metre	10.00	23205
	1400 mm dia	Metre	12.00	26631
	1400 mm dia	Metre	14.00	30060
	1400 mm dia	Metre	16.00	33523
	1400 mm dia	Metre	18.00	36959
	1400 mm dia	Metre	20.00	40435
	1400 mm dia	Metre	22.00	43863
	1500 mm dia	Metre	10.00	24821
	1500 mm dia	Metre	12.00	28486
	1500 mm dia	Metre	14.00	32110
	1500 mm dia	Metre	16.00	35773
	1500 mm dia	Metre	18.00	39484
	1500 mm dia	Metre	20.00	43147
	1500 mm dia	Metre	22.00	46900
	1500 mm dia	Metre	24.00	50564
	1600 mm dia	Metre	10.00	26465
	1600 mm dia	Metre	12.00	30316
	1600 mm dia	Metre	14.00	34249
	1600 mm dia	Metre	16.00	38149
	1600 mm dia	Metre	18.00	42054
	1600 mm dia	Metre	20.00	45952
	1600 mm dia	Metre	22.00	49899
	1600 mm dia	Metre	24.00	53879
	1600 mm dia	Metre	26.00	57832
	1700 mm dia	Metre	10.00	28003
	1700 mm dia	Metre	12.00	32170
	1700 mm dia	Metre	14.00	36304
	1700 mm dia	Metre	16.00	40398
	1700 mm dia	Metre	18.00	44614
	1700 mm dia	Metre	20.00	48747
	1700 mm dia	Metre	22.00	52881
	1700 mm dia	Metre	24.00	57104
	1700 mm dia	Metre	26.00	61285
	1700 mm dia	Metre	28.00	65464
	1800 mm dia	Metre	10.00	29673
	1800 mm dia	Metre	12.00	34049
	1800 mm dia	Metre	14.00	38405

	1800 mm dia	Metre	16.00	42775
	1800 mm dia	Metre	18.00	47143
	1800 mm dia	Metre	20.00	51554
	1800 mm dia	Metre	22.00	55970
	1800 mm dia	Metre	24.00	60339
	1800 mm dia	Metre	26.00	64788
	1800 mm dia	Metre	28.00	69212
	1900 mm dia	Metre	10.00	31262
	1900 mm dia	Metre	12.00	35853
	1900 mm dia	Metre	14.00	40459
	1900 mm dia	Metre	16.00	45049
	1900 mm dia	Metre	18.00	49659
	1900 mm dia	Metre	20.00	54311
	1900 mm dia	Metre	22.00	58949
	1900 mm dia	Metre	24.00	63559
	1900 mm dia	Metre	26.00	68245
	1900 mm dia	Metre	28.00	72896
	2000 mm dia	Metre	10.00	32834
	2000 mm dia	Metre	12.00	37673
	2000 mm dia	Metre	14.00	42507
	2000 mm dia	Metre	16.00	47345
	2000 mm dia	Metre	18.00	52220
	2000 mm dia	Metre	20.00	57059
	2000 mm dia	Metre	22.00	61937
	2000 mm dia	Metre	24.00	66825
	2000 mm dia	Metre	26.00	71697
	2000 mm dia	Metre	28.00	76584
	2000 mm dia	Metre	30.00	81512
	2100 mm dia	Metre	12.00	39538
	2100 mm dia	Metre	14.00	44611
	2100 mm dia	Metre	16.00	49673
	2100 mm dia	Metre	18.00	54754
	2100 mm dia	Metre	20.00	59861
	2100 mm dia	Metre	22.00	64971
	2100 mm dia	Metre	24.00	70091
	2100 mm dia	Metre	26.00	75207
	2100 mm dia	Metre	28.00	80329
	2100 mm dia	Metre	30.00	85484
	2100 mm dia	Metre	32.00	90640
	2100 mm dia	Metre	34.00	95816
	2200 mm dia	Metre	12.00	41357
	2200 mm dia	Metre	14.00	46654
	2200 mm dia	Metre	16.00	51970
	2200 mm dia	Metre	18.00	57312

	2200 mm dia	Metre	20.00	62656
	2200 mm dia	Metre	22.00	67965
	2200 mm dia	Metre	24.00	73316
	2200 mm dia	Metre	26.00	78708
	2200 mm dia	Metre	28.00	84017
	2200 mm dia	Metre	30.00	89407
	2200 mm dia	Metre	32.00	94806
	2200 mm dia	Metre	34.00	100244
	2200 mm dia	Metre	36.00	105599
	2300 mm dia	Metre	12.00	43190
	2300 mm dia	Metre	14.00	48723
	2300 mm dia	Metre	16.00	54297
	2300 mm dia	Metre	18.00	59876
	2300 mm dia	Metre	20.00	65428
	2300 mm dia	Metre	22.00	71005
	2300 mm dia	Metre	24.00	76585
	2300 mm dia	Metre	26.00	82211
	2300 mm dia	Metre	28.00	87763
	2300 mm dia	Metre	30.00	93388
	2300 mm dia	Metre	32.00	99014
	2300 mm dia	Metre	34.00	104687
	2300 mm dia	Metre	36.00	110321
	2400 mm dia	Metre	12.00	44994
	2400 mm dia	Metre	14.00	50759
	2400 mm dia	Metre	16.00	56540
	2400 mm dia	Metre	18.00	62405
	2400 mm dia	Metre	20.00	68172
	2400 mm dia	Metre	22.00	73987
	2400 mm dia	Metre	24.00	79853
	2400 mm dia	Metre	26.00	85668
	2400 mm dia	Metre	28.00	91495
	2400 mm dia	Metre	30.00	97309
	2400 mm dia	Metre	32.00	103177
	2400 mm dia	Metre	34.00	109085
	2400 mm dia	Metre	36.00	114945
	2500 mm dia	Metre	14.00	52876
	2500 mm dia	Metre	16.00	58878
	2500 mm dia	Metre	18.00	64927
	2500 mm dia	Metre	20.00	70977
	2500 mm dia	Metre	22.00	77076
	2500 mm dia	Metre	24.00	83127
	2500 mm dia	Metre	26.00	89175
	2500 mm dia	Metre	28.00	95271
	2500 mm dia	Metre	30.00	101293
	2500 mm dia	Metre	32.00	107389

	2500 mm dia	Metre	34.00	113530
	2500 mm dia	Metre	36.00	119626
	2600 mm dia	Metre	14.00	54961
	2600 mm dia	Metre	16.00	61198
	2600 mm dia	Metre	18.00	67443
	2600 mm dia	Metre	20.00	73727
	2600 mm dia	Metre	22.00	80012
	2600 mm dia	Metre	24.00	86340
	2600 mm dia	Metre	26.00	92630
	2600 mm dia	Metre	28.00	98963
	2600 mm dia	Metre	30.00	105246
	2600 mm dia	Metre	32.00	111576
	2600 mm dia	Metre	34.00	117915
	2600 mm dia	Metre	36.00	124293
	2600 mm dia	Metre	38.00	130624
	2600 mm dia	Metre	40.00	137002
	2600 mm dia	Metre	42.00	143389
	2700 mm dia	Metre	18.00	70023
	2700 mm dia	Metre	20.00	76495
	2700 mm dia	Metre	22.00	83015
	2700 mm dia	Metre	24.00	89541
	2700 mm dia	Metre	26.00	96095
	2700 mm dia	Metre	28.00	102705
	2700 mm dia	Metre	30.00	109269
	2700 mm dia	Metre	32.00	115796
	2700 mm dia	Metre	34.00	122363
	2700 mm dia	Metre	36.00	128976
	2700 mm dia	Metre	38.00	135550
	2700 mm dia	Metre	40.00	142163
	2700 mm dia	Metre	42.00	148729
	2800 mm dia	Metre	18.00	72532
	2800 mm dia	Metre	20.00	79293
	2800 mm dia	Metre	22.00	86047
	2800 mm dia	Metre	24.00	92803
	2800 mm dia	Metre	26.00	99557
	2800 mm dia	Metre	28.00	106352
	2800 mm dia	Metre	30.00	113197
	2800 mm dia	Metre	32.00	119951
	2800 mm dia	Metre	34.00	126753
	2800 mm dia	Metre	36.00	133561
	2800 mm dia	Metre	38.00	140410
	2800 mm dia	Metre	40.00	147211
	2800 mm dia	Metre	42.00	154095
	2900 mm dia	Metre	18.00	75150

	2900 mm dia	Metre	20.00	82093
	2900 mm dia	Metre	22.00	89083
	2900 mm dia	Metre	24.00	96080
	2900 mm dia	Metre	26.00	103067
	2900 mm dia	Metre	28.00	110092
	2900 mm dia	Metre	30.00	117128
	2900 mm dia	Metre	32.00	124125
	2900 mm dia	Metre	34.00	131205
	2900 mm dia	Metre	36.00	138277
	2900 mm dia	Metre	38.00	145359
	2900 mm dia	Metre	40.00	152404
	2900 mm dia	Metre	42.00	159487
	3000 mm dia	Metre	18.00	77627
	3000 mm dia	Metre	20.00	84888
	3000 mm dia	Metre	22.00	92072
	3000 mm dia	Metre	24.00	99295
	3000 mm dia	Metre	26.00	106521
	3000 mm dia	Metre	28.00	113780
	3000 mm dia	Metre	30.00	121059
	3000 mm dia	Metre	32.00	128283
	3000 mm dia	Metre	34.00	135589
	3000 mm dia	Metre	36.00	142904
	3000 mm dia	Metre	38.00	150183
	3000 mm dia	Metre	40.00	157501
	3000 mm dia	Metre	42.00	164808

The above rates of MS Spiral pipes are based on the following raw materials cost.

MS Plates = Rs 34708/- Per MT.

Revised (Excluding Taxes) Rates of PH SoR 2016-17

	Providing and Fixing electro Fusion Ferrule Tapping saddle manufactured from virgin resin of PE-80/PE-100 having blue/black colour using food grade compounded raw material with quality assurance certificate from quality agencies like CIPET etc. For usage in drinking water system and having working pressure of 10 bar. The cost shall include testing of all materials, labour, inspection charges, transportation upto site, transit insurance, loading, unloading, stacking, providing and fixing etc. Complete as specified and directed by the Departmental Engineers but excluding all taxes.	
	SIZE	Rate Each
	(Main pipe outer diameter in mm & Tapping size in Inches)	Rs.
	63x1/2"	766
	63 x3/4"	766
	63 x1"	766
	63 x1/2"	766
	75 x1/2"	766
	75 x3/4"	766
	75 x1	766
	90 x1/2"	766
	90 x3/4"	766
	90 x1"	766
	90 x 1 1/4"	993
	90 x 1 1/2"	993
	90 x2"	993
	110x1/2"	766
	110 x3/4"	766
	110 x1"	766
	110 x 1 1/4"	993
	110x1 1/2"	993
	110x2"	993
	160 x1/2"	766
	160 x3/4"	766
	160 x1"	766
	160 x 1 1/4"	1086
	160 x 1 1/2"	1086
	160 x 2"	1086

	200 x 1/2"	1081
	200 x 3/4"	1081
	200 x 1"	1081
	200 x 1 1/4"	1563
	200 x 2"	1563
	250 x 1/2"	1081
	250 x 3/4"	1081
	250 x 1"	1081
	250 x 1 1/4"	1563
	250 x 1 1/2"	1563
	250 x 2"	1563
	315 x 1/2"	1288
	315 x 3/4"	1288
	315 x 1"	1288
	315 x 1 1/4"	1749
	315 x 1 1/2"	1749
	315 x 2"	1749

Water Meters			
A	Mechanical Flow meter (Domestic meters)		
	Supply of magnetically coupled, multijet, inferential type, dry dial class-B water meters (Screwed end) manufactured in accordance with ISO 4064 standards and its latest amendments/IS 779/1994 and its latest amendments and shall have ISI/EEC/MID pattern approval (valid life cycle certificate and IP 68 protection from FCRI, GOI). (Excluding all Taxes)	Unit	(Rate in Rs.)
	15 mm Dia	Each	871
	20 mm Dia	Each	1307

Revised (Excluding Taxes) Rates of PH SoR 2016-17

1	SUPPLY AND DELIVERY OF PIG LEAD 99.99 % PURE EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.	Per Kg	284
2	SUPPLY AND DELIVERY OF LEAD WOOL BEST QUALITY EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.	Per Kg	149
3	SUPPLY AND DELIVERY OF SPUN YARN OF BEST QUALITY EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.	Per Kg	113
4	SUPPLY AND DELIVERY OF RUBBER PACKING EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.		
	a) 3 MM THICK	Per Kg	84
	b) 6 MM THICK	Per Kg	84
5	SUPPLY AND DELIVERY OF BOLTS AND NUTS WITH DOUBLE WASHERS EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE. (1/2" TO 1")	Per Kg	109

**REVISED (EXCLUDING EMBEDDED TAXES)
SCHEDULE OF RATES OF PUBLIC
HEALTH ITEMS
FOR THE YEAR 2015-16**

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

RCC PLAIN ENDED PIPES

1	Manufacture, Supply and Delivery of R.C.C. Plain ended pipes conforming to B.I.S 458/2003 , Ex-factory, Excluding transportation, taxes & duties				
	Size	Unit	NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Metre	138		
	100 mm dia	Metre	160		
	150 mm dia	Metre	191		
	200 mm dia	Metre	228		
	225 mm dia	Metre	248		
	250 mm dia	Metre	265		
	300 mm dia	Metre	379	863	879
	350 mm dia	Metre	473	1074	1094
	400 mm dia	Metre	545	1187	1212
	450 mm dia	Metre	667	1359	1372
	500 mm dia	Metre	730	1473	1685
	600 mm dia	Metre	1086	2210	2600
	700 mm dia	Metre	1388	2735	3464
	800 mm dia	Metre	1699	3607	4513
	900 mm dia	Metre	2131	4518	5618
	1000 mm dia	Metre	2589	5626	7674
	1100 mm dia	Metre	3084	6614	8877
	1200 mm dia	Metre	3672	7781	10369
	1400 mm dia	Metre	4997	10043	14303
	1600 mm dia	Metre	5782	12986	17112
	1800 mm dia	Metre	7586	17164	22882

The above rates of RCC Plain ended pipes are based on the following raw materials cost:

Cement- Rs.4891/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs.35,556/- per MT. (Excluding all taxes).

Revised Rates (Excluding Taxes) OF PH SoR 2015-16**RCC COLLARS**

1	Manufacture, Supply and Delivery of R.C.C. Collars conforming to B.I.S. 458/2003 (rate per each collar) suitable for R.C.C. Plain ended pipes including transportation but excluding taxes & duties				
	Size	Unit	NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	42		
	100 mm dia	Each	43		
	150 mm dia	Each	46		
	200 mm dia	Each	62		
	225 mm dia	Each	64		
	250 mm dia	Each	72		
	300 mm dia	Each	94	135	135
	350 mm dia	Each	116	167	167
	400 mm dia	Each	130	191	191
	450 mm dia	Each	203	255	255
	500 mm dia	Each	230	303	303
	600 mm dia	Each	313	396	396
	700 mm dia	Each	404	531	531
	800 mm dia	Each	568	678	678
	900 mm dia	Each	680	790	790
	1000 mm dia	Each	796	986	986
	1100 mm dia	Each	972	1248	1248
	1200 mm dia	Each	1179	1561	1561
	1400 mm dia	Each	1523	1975	1975
	1600 mm dia	Each	1942	2529	2529
	1800 mm dia	Each	2004	3253	3253

The above rates of RCC Collars suitable to plain ended pipes are based on the following raw materials cost:

Cement- Rs.4891/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs.35,556/- per MT. (Excluding all taxes).

Revised Rates (Excluding Taxes) OF PH SoR 2015-16**RCC S/S PIPES (Non-Pressure)**

1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 at ex-factory (rate per meter of effective length) Excluding transportation, taxes & duties.				
	Size	Unit	NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Metre	172		
	100 mm dia	Metre	195		
	150 mm dia	Metre	229		
	200 mm dia	Metre	280		
	225 mm dia	Metre	306		
	250 mm dia	Metre	327		
	300 mm dia	Metre	458	1103	1167
	350 mm dia	Metre	590	1418	1440
	400 mm dia	Metre	650	1572	1597
	450 mm dia	Metre	809	1734	1747
	500 mm dia	Metre	931	1978	2142
	600 mm dia	Metre	1315	2771	2825
	700 mm dia	Metre	1704	3523	3650
	800 mm dia	Metre	2176	4656	4755
	900 mm dia	Metre	2741	5838	5973
	1000 mm dia	Metre	3325	6612	7099
	1100 mm dia	Metre	3915	7779	8180
	1200 mm dia	Metre	4436	9167	9563
	1400 mm dia	Metre	6304	12132	13523
	1600 mm dia	Metre	7795	15700	16191
	1800 mm dia	Metre	8758	20753	21648

The above rates of RCC S/S Non-Pressure pipes are based on the following raw materials cost:

Cement -Rs.4891/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs.35,556/- per MT. (Excluding all taxes).

Revised Rates (Excluding Taxes) OF PH SoR 2015-16**RCC S/S PIPES (Pressure)**

1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 Ex-factory (rate per meter of effective length) Excluding transportation, taxes & duties.				
	Size	Unit	P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Metre	225	254	287
	100 mm dia	Metre	255	303	348
	150 mm dia	Metre	352	451	554
	200 mm dia	Metre	410	584	770
	225 mm dia	Metre	460	664	857
	250 mm dia	Metre	503	710	897
	300 mm dia	Metre	680	1024	1270
	350 mm dia	Metre	847	1423	1836
	400 mm dia	Metre	1005	1883	2422
	450 mm dia	Metre	1075	2229	2986
	500 mm dia	Metre	1426	2424	3394
	600 mm dia	Metre	1952	3610	4711
	700 mm dia	Metre	2593	4744	5991
	800 mm dia	Metre	3246	5645	7257
	900 mm dia	Metre	3918	6647	
	1000 mm dia	Metre	4924	7641	
	1100 mm dia	Metre	5902		
	1200 mm dia	Metre	6946		

The above rates of RCC S/S Pressure pipes are based on the following raw materials cost.

Cement- Rs.4891/- per MT (Excluding all taxes).

Steel (M.S. Rods) - Rs.35,556/- per MT. (Excluding all taxes).

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

A.C.PIPES

1	Manufacture, Supply of A.C*. Pressure pipes (mazza process) as per BIS No: 1592/2003 as amended from time to time duly marked with BIS mark, including cost of material, incidental handling, loading and packing charges but are exclusive of transportation, unloading, stacking at departmental stores, and excluding excise duty, VAT octroi and other govt. Levies. The pipes shall be tested at factory premises confirming to is code 1592/2003.					
	Size	Unit		Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Metre		190	208	259
	100 mm dia	Rate/Metre		250	318	391
	125 mm dia	Rate/Metre		326	406	510
	150 mm dia	Rate/Metre		458	571	718
	200 mm dia	Rate/Metre		759	973	1234
	250 mm dia	Rate/Metre		962	1249	1563
	300 mm dia	Rate/Metre		1346	1755	2242
	350 mm dia	Rate/Metre		1640	2133	2690
	400 mm dia	Rate/Metre		2132	2789	3462
	450 mm dia	Rate/Metre		2533	3364	4211
	500 mm dia	Rate/Metre		3125	4112	5162
	600 mm dia	Rate/Metre		4445	5806	7398
	700 mm dia	Rate/Metre		5857	7946	10275
	750 mm dia	Rate/Metre		6676	9173	11756
	800 mm dia	Rate/Metre		7638	10392	13338
850 mm dia	Rate/Metre		8568	11691	15018	
900 mm dia	Rate/Metre		9552	13061	16799	
1000 mm dia	Rate/Metre		11791	16035	20658	
<p>1. The above rates of AC Pipes are based on the Cement cost of Rs.4891/- per MT (Excluding all taxes).</p> <p>2. The above rates of AC pipes are based on the Fiber cost of Rs 75,500/- per M.T (Excluding all taxes)</p>						

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

A.C.COUPLINGS

1	Manufacture, Supply of A.C* Couplings suitable to A.C*.Pressure pipes (mazza process) as per BIS: 1592/2003 excluding cost of rubber rings to suit AC* pressure pipes including cost of material, incidental handling, packing, transportation and unloading at site transit risk, but excluding excise duty, VAT and other govt. Levies and testing of joints as per IS Code.					
	Size	Unit		Class - 15	Class - 20	Class – 25
	80 mm dia	Rate/Each		89	96	111
	100 mm dia	Rate/Each		116	125	150
	125 mm dia	Rate/Each		145	160	193
	150 mm dia	Rate/Each		170	213	262
	200 mm dia	Rate/Each		312	343	436
	250 mm dia	Rate/Each		365	461	586
	300 mm dia	Rate/Each		476	618	795
	350 mm dia	Rate/Each		617	797	1017
	400 mm dia	Rate/Each		951	1241	1588
	450 mm dia	Rate/Each		1138	1501	1925
	500 mm dia	Rate/Each		1357	1815	2316
	600 mm dia	Rate/Each		1671	2099	2686
	700 mm dia	Rate/Each		2201	2963	3853
	750 mm dia	Rate/Each		2483	3394	4380
	800 mm dia	Rate/Each		2816	3819	4942
	850 mm dia	Rate/Each		3138	4271	5539
	900 mm dia	Rate/Each		3472	4748	6166
	1000 mm dia	Rate/Each		4237	5774	7525

1. The above rates of AC Coupling are based on the Cement cost of Rs. 4891/- per MT (Excluding all taxes).
2. The above rates of AC Coupling are based on the Fiber cost of Rs 75,500/- per M.T (Excluding all taxes)

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES

1	Manufacture, Supply, Delivery of Pre-stressed (Non-cylinder) concrete pipes conforming to IS 784/2001 ex-factory excluding transportation, taxes & duties., for the following field test pressures.(the manufacture shall design the pipes as per the IS Code 784-2001)							
	Size	Unit	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
			6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2
	350 MM DIA	Metre	2770	2780	2792	2802	2858	2956
	400 MM DIA	Metre	2976	2998	3029	3064	3119	3164
	450 MM DIA	Metre	3155	3168	3201	3259	3341	3410
	500 MM DIA	Metre	3411	3422	3445	3514	3585	3689
	600 MM DIA	Metre	3913	3937	3972	4089	4217	4343
	700 MM DIA	Metre	4814	4826	4896	5001	5174	5300
	800 MM DIA	Metre	5667	5714	5854	5980	6213	6410
	900 MM DIA	Metre	6558	6594	6732	6999	7264	7741
	1000 MM DIA	Metre	7695	7743	7950	8253	8635	9063
	1100 MM DIA	Metre	8727	8832	9063	9549	9932	10394
	1200 MM DIA	Metre	9656	9796	10294	10756	11345	12264
	1300 MM DIA	Metre	10932	11535	12150	12775	13842	15080
	1400 MM DIA	Metre	12495	13191	13920	15078	16187	17043
	1500 MM DIA	Metre	14577	15399	16221	17553	18754	19727
	1600 MM DIA	Metre	16400	17338	18277	20639	21227	22327
	1700 MM DIA	Metre	17241	17906	18831	21119	23462	24618
	1800 MM DIA	Metre	18571	19747	20771	22805	25334	26603
	1900 MM DIA	Metre	19835	20915	22694	23991	26070	29136
	2000 MM DIA	Metre	21781	23133	24287	26662	30329	32678

The above rate of PSC pipes are based on the HT wire cost of Rs.50,370/- Per MT (Excluding all taxes), and cement price of Rs.4891/- per MT (Excluding all taxes)

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

PRE-STRESSED (CYLINDER) CONCRETE PIPES

1	Pre-stressed (Cylinder type) concrete pipes conforming to IS 784/2001 @ ex-factory cost of pipes, excluding transportation, laying, jointing, testing, bends, tees, specials, taxes & duties etc., For the following field test pressures.(the manufacture shall design the pipes as per the IS Code 784-2001).										
	Size	Unit	4 Kg/cm2	6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2	18 Kg/cm2	20 Kg/cm2
	400 MM DIA	Meter	4989	4989	4989	4989	5014	5065	5153	5238	5301
	450 MM DIA	Meter	5416	5416	5416	5441	5504	5581	5693	5768	5856
	500 MM DIA	Meter	5921	5921	5933	6013	6085	6183	6273	6410	6510
	600 MM DIA	Meter	7035	7086	7176	7299	7411	7525	7699	7861	8024
	700 MM DIA	Meter	8125	8251	8402	8562	8714	8862	9048	9286	9463
	800 MM DIA	Meter	9546	9721	9932	10144	10335	10532	10772	11024	11315
	900 MM DIA	Meter	11315	11539	11800	12063	12326	12562	12880	13192	13505
	1000 MM DIA	Meter	13093	13393	13707	14032	14355	14622	14993	15375	15769
	1100 MM DIA	Meter	14525	14881	15259	15595	15952	16278	16684	17111	18050
	1200 MM DIA	Meter	16462	16876	17295	17712	18141	18523	18998	19936	20607
	1300 MM DIA	Meter	18318	18796	19282	19769	20268	20707	21830	22433	23184
	1400 MM DIA	Meter	20084	20626	21195	21764	22330	23453	24148	24865	26453
	1500 MM DIA	Meter	21833	22434	23036	23628	24879	25564	26598	28146	30067
	1600 MM DIA	Meter	24621	25291	25975	27250	28026	28802	30735	31594	32428
	1700 MM DIA	Meter	26485	27261	28081	29543	30422	32068	33548	34477	35357
	1800 MM DIA	Meter	29032	29843	31431	32415	33376	35184	36759	37871	38983
	1900 MM DIA	Meter	33908	34833	36605	37684	39560	41088	42512	43753	44924
	2000 MM DIA	Meter	36171	37932	39125	40352	42495	43792	45796	47220	48484

The above rates of PCCP pipes are based on the following raw materials cost:

HT Wire: - Rs.50,370/- Per MT (Excluding all taxes but including freight)

HR Coil (Hot Rolled): - Rs.37,672/- (Excluding all taxes)

Cement Cost Rs. 4891/-per MT (Excluding all taxes)

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

BAR WRAPPED STEEL CYLINDER PIPES

Bar Wrapped Steel Cylindrical (BWSC) pipes conforming to IS 15155 - 2002, ex-factory excluding transportation, taxes and duties etc., for bar wrapped steel cylindrical pipes for the following field test pressures.

Size	Unit	4-12 Kg/cm ²	14 Kg/cm ²	16 Kg/cm ²	18 Kg/cm ²	20 Kg/cm ²	22 Kg/cm ²	24 Kg/cm ²	26 Kg/cm ²	28 Kg/cm ²	30 Kg/cm ²
250 MM DIA	Meter	2755	2755	2755	2755	2755	2755	2756	2785	2805	2962
300 MM DIA	Meter	3093	3093	3093	3093	3093	3125	3199	3313	3367	3556
350 MM DIA	Meter	3758	3758	3758	3773	3796	3821	3908	4039	4146	4346
400 MM DIA	Meter	4118	4118	4133	4173	4203	4388	4552	4717	4903	5551
450 MM DIA	Meter	4533	4545	4591	4623	4836	5020	5232	5433	5643	6166
500 MM DIA	Meter	5071	5107	5155	5383	5644	5891	6163	6391	6821	7290
600 MM DIA	Meter	6679	6744	6805	7178	7543	7851	8239	8606	9131	9645
700 MM DIA	Meter	8065	8186	8713	9221	9706	10258	10976	11350	11906	12744
800 MM DIA	Meter	9157	9766	10415	11049	11698	12612	13309	14281	14999	16035
900 MM DIA	Meter	11290	11631	12469	13294	14093	14714	16284	17329	18153	19503
1000 MM DIA	Meter	12733	13816	14705	15632	16656	18253	19868	21277	22293	24042
1100 MM DIA	Meter	18212	18533	18585	20356	22372	23820	26291	27772	29501	32312
1200 MM DIA	Meter	20147	20680	21314	23439	25734	27878	30201	31219	34945	38767

The above rates of BWSC pipes are based on the following raw materials cost:

HR Plates - Rs. 37,672/- per MT (Excluding all taxes)

Wire rods - Rs.35,979/- per MT (Excluding all taxes)

Cement Cost Rs. 4891/-per MT (Excluding all taxes)

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

M.S.PIPES

1	Manufacture, supply and delivery of M.S Pipes conforming to is 3589/2001 including in lining with cement mortar (1:2) 15mm thick using 4 numbers of 6mm dia M.S.Rings at each end of the pipe and out coating with cement mortar (1:3) 30mm thick by shortcreting or gunetting duly providing wire mesh of size 50x50x3mm including cost of all materials, labour charges, transportation to anywhere in T.S, but excluding taxes & duties, etc.	Unit	Thickness in mm	Rate (Rs.)
	500 mm dia	Metre	8.00	7418
	500 mm dia	Metre	10.00	8698
	600 mm dia	Metre	8.00	8822
	600 mm dia	Metre	10.00	10341
	700 mm dia	Metre	8.00	10175
	700 mm dia	Metre	10.00	11957
	800 mm dia	Metre	8.00	11532
	800 mm dia	Metre	10.00	13551
	800 mm dia	Metre	12.00	15575
	900 mm dia		8.00	12911
	900 mm dia	Metre	10.00	15136
	900 mm dia	Metre	12.00	17389
	1000 mm dia	Metre	8.00	14323
	1000 mm dia	Metre	10.00	16811
	1000 mm dia	Metre	12.00	19299
	1000 mm dia	Metre	14.00	21760
	1100 mm dia	Metre	10.00	18352
	1100 mm dia	Metre	12.00	21075
	1100 mm dia	Metre	14.00	23799
	1100 mm dia	Metre	16.00	26568
	1200 mm dia	Metre	10.00	20026
	1200 mm dia	Metre	12.00	22986
	1200 mm dia	Metre	14.00	25908
	1200 mm dia	Metre	16.00	28872
	1200 mm dia	Metre	18.00	31831
	1300 mm dia	Metre	10.00	21606
	1300 mm dia	Metre	12.00	24758
	1300 mm dia	Metre	14.00	27950
	1300 MM DIA	Metre	16.00	31191
	1300 MM DIA	Metre	18.00	34384
	1300 MM DIA	Metre	20.00	37584
	1400 MM DIA	Metre	10.00	23204

	1400 MM DIA	Metre	12.00	26630
	1400 MM DIA	Metre	14.00	30059
	1400 MM DIA	Metre	16.00	33522
	1400 MM DIA	Metre	18.00	36958
	1400 MM DIA	Metre	20.00	40434
	1400 MM DIA	Metre	22.00	43861
	1500 MM DIA	Metre	10.00	24819
	1500 MM DIA	Metre	12.00	28484
	1500 MM DIA	Metre	14.00	32107
	1500 MM DIA	Metre	16.00	35770
	1500 MM DIA	Metre	18.00	39481
	1500 MM DIA	Metre	20.00	43144
	1500 MM DIA	Metre	22.00	46897
	1500 MM DIA	Metre	24.00	50560
	1600 MM DIA	Metre	10.00	26465
	1600 MM DIA	Metre	12.00	30316
	1600 MM DIA	Metre	14.00	34249
	1600 MM DIA	Metre	16.00	38149
	1600 MM DIA	Metre	18.00	42053
	1600 MM DIA	Metre	20.00	45951
	1600 MM DIA	Metre	22.00	49898
	1600 MM DIA	Metre	24.00	53878
	1600 MM DIA	Metre	26.00	57830
	1700 MM DIA	Metre	10.00	27999
	1700 MM DIA	Metre	12.00	32167
	1700 MM DIA	Metre	14.00	36301
	1700 MM DIA	Metre	16.00	40395
	1700 MM DIA	Metre	18.00	44611
	1700 MM DIA	Metre	20.00	48743
	1700 MM DIA	Metre	22.00	52877
	1700 MM DIA	Metre	24.00	57100
	1700 MM DIA	Metre	26.00	61281
	1700 MM DIA	Metre	28.00	65460
	1800 MM DIA	Metre	10.00	29671
	1800 MM DIA	Metre	12.00	34047
	1800 MM DIA	Metre	14.00	38403
	1800 MM DIA	Metre	16.00	42773
	1800 MM DIA	Metre	18.00	47141
	1800 MM DIA	Metre	20.00	51552
	1800 MM DIA	Metre	22.00	55968
	1800 MM DIA	Metre	24.00	60336
	1800 MM DIA	Metre	26.00	64785
	1800 MM DIA	Metre	28.00	69209
	1900 MM DIA	Metre	10.00	31258
	1900 MM DIA	Metre	12.00	35849
	1900 MM DIA	Metre	14.00	40455
	1900 MM DIA	Metre	16.00	45045
	1900 MM DIA	Metre	18.00	49655

	1900 MM DIA	Metre	20.00	54307
	1900 MM DIA	Metre	22.00	58945
	1900 MM DIA	Metre	24.00	63555
	1900 MM DIA	Metre	26.00	68240
	1900 MM DIA	Metre	28.00	72891
	2000 MM DIA	Metre	10.00	32827
	2000 MM DIA	Metre	12.00	37666
	2000 MM DIA	Metre	14.00	42500
	2000 MM DIA	Metre	16.00	47339
	2000 MM DIA	Metre	18.00	52214
	2000 MM DIA	Metre	20.00	57052
	2000 MM DIA	Metre	22.00	61930
	2000 MM DIA	Metre	24.00	66818
	2000 MM DIA	Metre	26.00	71690
	2000 MM DIA	Metre	28.00	76577
	2000 MM DIA	Metre	30.00	81504
	2100 MM DIA	Metre	12.00	39535
	2100 MM DIA	Metre	14.00	44608
	2100 MM DIA	Metre	16.00	49670
	2100 MM DIA	Metre	18.00	54752
	2100 MM DIA	Metre	20.00	59859
	2100 MM DIA	Metre	22.00	64968
	2100 MM DIA	Metre	24.00	70088
	2100 MM DIA	Metre	26.00	75204
	2100 MM DIA	Metre	28.00	80326
	2100 MM DIA	Metre	30.00	85481
	2100 MM DIA	Metre	32.00	90637
	2100 MM DIA	Metre	34.00	95812
	2200 MM DIA	Metre	12.00	41353
	2200 MM DIA	Metre	14.00	46650
	2200 MM DIA	Metre	16.00	51965
	2200 MM DIA	Metre	18.00	57307
	2200 MM DIA	Metre	20.00	62652
	2200 MM DIA	Metre	22.00	67961
	2200 MM DIA	Metre	24.00	73311
	2200 MM DIA	Metre	26.00	78703
	2200 MM DIA	Metre	28.00	84012
	2200 MM DIA	Metre	30.00	89402
	2200 MM DIA	Metre	32.00	94801
	2200 MM DIA	Metre	34.00	100239
	2200 MM DIA	Metre	36.00	105593
	2300 MM DIA	Metre	12.00	43185
	2300 MM DIA	Metre	14.00	48718
	2300 MM DIA	Metre	16.00	54294
	2300 MM DIA	Metre	18.00	59872
	2300 MM DIA	Metre	20.00	65424
	2300 MM DIA	Metre	22.00	71002
	2300 MM DIA	Metre	24.00	76582
	2300 MM DIA	Metre	26.00	82208

	2300 MM DIA	Metre	28.00	87759
	2300 MM DIA	Metre	30.00	93384
	2300 MM DIA	Metre	32.00	99010
	2300 MM DIA	Metre	34.00	104683
	2300 MM DIA	Metre	36.00	110317
	2400 MM DIA	Metre	12.00	44986
	2400 MM DIA	Metre	14.00	50751
	2400 MM DIA	Metre	16.00	56532
	2400 MM DIA	Metre	18.00	62400
	2400 MM DIA	Metre	20.00	68167
	2400 MM DIA	Metre	22.00	73981
	2400 MM DIA	Metre	24.00	79848
	2400 MM DIA	Metre	26.00	85663
	2400 MM DIA	Metre	28.00	91490
	2400 MM DIA	Metre	30.00	97304
	2400 MM DIA	Metre	32.00	103171
	2400 MM DIA	Metre	34.00	109079
	2400 MM DIA	Metre	36.00	114939
	2500 MM DIA	Metre	14.00	52870
	2500 MM DIA	Metre	16.00	58872
	2500 MM DIA	Metre	18.00	64921
	2500 MM DIA	Metre	20.00	70971
	2500 MM DIA	Metre	22.00	77073
	2500 MM DIA	Metre	24.00	83123
	2500 MM DIA	Metre	26.00	89172
	2500 MM DIA	Metre	28.00	95268
	2500 MM DIA	Metre	30.00	101290
	2500 MM DIA	Metre	32.00	107386
	2500 MM DIA	Metre	34.00	113527
	2500 MM DIA	Metre	36.00	119622
	2600 MM DIA	Metre	14.00	54955
	2600 MM DIA	Metre	16.00	61192
	2600 MM DIA	Metre	18.00	67436
	2600 MM DIA	Metre	20.00	73720
	2600 MM DIA	Metre	22.00	80005
	2600 MM DIA	Metre	24.00	86336
	2600 MM DIA	Metre	26.00	92626
	2600 MM DIA	Metre	28.00	98959
	2600 MM DIA	Metre	30.00	105242
	2600 MM DIA	Metre	32.00	111572
	2600 MM DIA	Metre	34.00	117911
	2600 MM DIA	Metre	36.00	124289
	2600 MM DIA	Metre	38.00	130619
	2600 MM DIA	Metre	40.00	136997
	2600 MM DIA	Metre	42.00	143384
	2700 MM DIA	Metre	18.00	70017
	2700 MM DIA	Metre	20.00	76488
	2700 MM DIA	Metre	22.00	83008
	2700 MM DIA	Metre	24.00	89534

	2700 MM DIA	Metre	26.00	96088
	2700 MM DIA	Metre	28.00	102702
	2700 MM DIA	Metre	30.00	109266
	2700 MM DIA	Metre	32.00	115792
	2700 MM DIA	Metre	34.00	122359
	2700 MM DIA	Metre	36.00	128972
	2700 MM DIA	Metre	38.00	135546
	2700 MM DIA	Metre	40.00	142159
	2700 MM DIA	Metre	42.00	148724
	2800 MM DIA	Metre	18.00	72524
	2800 MM DIA	Metre	20.00	79285
	2800 MM DIA	Metre	22.00	86039
	2800 MM DIA	Metre	24.00	92794
	2800 MM DIA	Metre	26.00	99548
	2800 MM DIA	Metre	28.00	106343
	2800 MM DIA	Metre	30.00	113192
	2800 MM DIA	Metre	32.00	119946
	2800 MM DIA	Metre	34.00	126747
	2800 MM DIA	Metre	36.00	133555
	2800 MM DIA	Metre	38.00	140404
	2800 MM DIA	Metre	40.00	147205
	2800 MM DIA	Metre	42.00	154089
	2900 MM DIA	Metre	18.00	75143
	2900 MM DIA	Metre	20.00	82086
	2900 MM DIA	Metre	22.00	89076
	2900 MM DIA	Metre	24.00	96073
	2900 MM DIA	Metre	26.00	103059
	2900 MM DIA	Metre	28.00	110084
	2900 MM DIA	Metre	30.00	117120
	2900 MM DIA	Metre	32.00	124118
	2900 MM DIA	Metre	34.00	131201
	2900 MM DIA	Metre	36.00	138273
	2900 MM DIA	Metre	38.00	145354
	2900 MM DIA	Metre	40.00	152399
	2900 MM DIA	Metre	42.00	159482
	3000 MM DIA	Metre	18.00	77619
	3000 MM DIA	Metre	20.00	84879
	3000 MM DIA	Metre	22.00	92063
	3000 MM DIA	Metre	24.00	99286
	3000 MM DIA	Metre	26.00	106512
	3000 MM DIA	Metre	28.00	113771
	3000 MM DIA	Metre	30.00	121049
	3000 MM DIA	Metre	32.00	128273
	3000 MM DIA	Metre	34.00	135580
	3000 MM DIA	Metre	36.00	142898
	3000 MM DIA	Metre	38.00	150177
	3000 MM DIA	Metre	40.00	157494
	3000 MM DIA	Metre	42.00	164801

The above rates of MS pipes are based on the following raw materials cost:
MS Plates = Rs 34,708/- Per MT (Excluding all taxes).

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

	Providing and Fixing electro Fusion Ferrule Tapping saddle manufactured from virgin resin of PE-80/PE-100 having blue/black colour using food grade compounded raw material with quality assurance certificate from quality agencies like CIPET etc. For usage in drinking water system and having working pressure of 10 bar. The cost shall include testing of all materials, labour, inspection charges, transportation upto site, transit insurance, loading, unloading, stacking, providing and fixing etc. Complete as specified and directed by the Departmental Engineers but excluding taxes.	
	SIZE	Rate Each
	(Main pipe outer diameter in mm & Tapping size in Inches)	Rs.
	63x1/2"	729
	63 x3/4"	729
	63 x1"	729
	63 x1/2"	729
	75 x1/2"	729
	75 x3/4"	729
	75 x1	729
	90 x1/2"	729
	90 x3/4"	729
	90 x1"	729
	90 x 1 1/4"	946
	90 x 1 1/2"	946
	90 x2"	946
	110x1/2"	729
	110 x3/4"	729
	110 x1"	729
	110 x 1 1/4"	946
	110x1 1/2"	946
	110x2"	946
	160 x1/2"	729
	160 x3/4"	729
	160 x1"	729
	160 x 1 1/4"	1034
	160 x 1 1/2"	1034
	160 x 2"	1034
	200 x 1/2"	1030
	200 x 3/4"	1030
	200 x 1"	1030
	200 x 1 1/4"	1489
	200 x 2"	1489

	250 x 1/2"	1030
	250 x 3/4"	1030
	250 x 1"	1030
	250 x 1 1/4"	1489
	250 x 1 1/2"	1489
	250 x 2"	1489
	315 x 1/2"	1227
	315 x 3/4"	1227
	315x1"	1227
	315x1 1/4"	1665
	315x1 1/2"	1665
	315x2"	1665

Revised Rates (Excluding Taxes) OF PH SoR 2015-16

1	SUPPLY AND DELIVERY OF PIG LEAD 99.99 % PURE EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.	Per Kg	270
2	SUPPLY AND DELIVERY OF LEAD WOOL BEST QUALITY EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.	Per Kg	142
3	SUPPLY AND DELIVERY OF SPUN YARN OF BEST QUALITY EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.	Per Kg	108
4	SUPPLY AND DELIVERY OF RUBBER PACKING EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE.		
	a) 3 mm thick	Per Kg	80
	b) 6 mm thick	Per Kg	80
5	SUPPLY AND DELIVERY OF BOLTS AND NUTS WITH DOUBLE WASHERS EXCLUDING ALL TAXES BUT INCLUDING CONVEYANCE (1/2" TO 1").	Per Kg	104