

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड 01 खम्हरिया जुनवानी पेट्रोल पंप से धनिष्ठा ज्वेलर्स तक 200 एम.एम. डी.आई. बुस्टर पाईप बिछाने का कार्य।

As Per CG PHE SOR 2022-23

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Providing, laying and jointing including testing following socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (class K-7) conforming to IS: 8329/2000 with suitable Rubber Gasket (Push on) joints as per IS:5382/85 including testing of Joint (laying Conforming to IS 12288:1987) 200 mm	230.00	Rmt
2	Providing and Laying including testing ductile iron PN 16 type flanged sockets conforming to IS: 9523/2000 having dimension as per table 23 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000, 200 mm	2.00	Nos
3	Providing and Laying including testing ductile PN 16 type iron flanged spigot conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS: 9523/2000	2.00	Nos
4	Providing and Laying including testing Ductile iron Mechanical joint collar with follower glands conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen and internal cement mortar lining.		
	100 mm	1.00	Nos
	200 mm	2.00	Nos
	400 mm	2.00	Nos
5	Providing and Laying including testing Ductile Iron Double Socket branch flange Tee conforming to IS:9523/2000 having dimension as per table 21 of IS:9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000. 400mm x 200mm	1.00	Nos
6	Providing and Laying including testing Ductile Iron Double Socket Reducer conforming to IS: 9523/2000 having dimension as per table 21 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS: 9523/2000. 200mm x 100mm	1.00	Nos

7	Earth work in excavation for pipe trench in ordinary soil areas including dressing, watering, ramming and disposal of excavated earth lead up to 50m and lift up to 1.5m, disposal earth to be levelled, neatly dressed.	73.60	Cum
8	Pumping out water caused by springs, tides or river seepage, broken water mains or drains or well or the like.	112.00	KL
9	Filling available excavated earth in trenches, plinth sides of foundation in layers not exceeding 20cm. In depth including nsolidation of each layer by ramming watering, lead up to 50m and lift up to 1.5m in all kinds of soils	73.60	Cum
10	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 m lead as per direction of engineer-in-charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	18.40	Cum
11	Providing and laying mechanically mixed cement concrete with crushed stone aggregate excluding centering and shuttering (with 40mm nominal size graded stone aggregate) 1:2:4 (M-15)	18.40	Cum
12	Providing & fixing of following Ductile iron double flanged sluice valves as per IS 14846:2000 fitted with cap including jointing & testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete 200 mm	2.00	Nos

Executive Engineer
Municipal Corporation
Bhilai (C.G)

Asstt. Engineer
Municipal Corporation
Bhilai (C.G)

Sub. Engineer
Municipal Corporation
Bhilai (C.G)