

MUNICIPAL CORPORATION OF BHILAI

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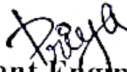
क्र. 43 बापू नगर क्षेत्र में क्षतिग्रस्त एम.डी.पी.ई. के स्थान पर डी.आई. पाईप लाईन बिछाने का कार्य।

(As Per PHED SOR 01.06.2020 & Amendment 07/2022-23)

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1 (a)	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 upto 1.5m, disposal earth to be levelled, neatly dressed	72.00	cum
1(b)	Earth work in excavation for pipe trench in Laterite 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	54.00	cum
1 (c)	Hard rock requiring chieseling/blasting prohibited.	1.26	cum
2	Extra for every additional lift of 1.5m or part there of All Kind of soil (over item No. 18.15, and 18.17) (CG PHE SOR Amendment No. 07/2022-23 Item No. 18.19.5/52)	1.80	cum
3	Dismantling of Cement Concrete Pavment by mechanical means using pneumatic tools, cutter breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately	18.00	cum
4	Supply & Filling moorum/river sand for pipe bedding or over the pipe (including supply)	1.26	cum
5	Pumping out water caused by springs, tides or river seepage, broken water mains or drains or well or the like.	18.00	cum
6	Providing, laying and jointing including testing following socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (class K-9) conforming to IS 8329/2000 with suitable Rubber Gasket (Push on) joints as per IS:5382/2018. 100 mm Dia	150.00	Rmt
7	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. 100mm	2	No.
8	Providing and Laying including testing ductile PN16 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.. 100mm	1	No.
9	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. 100mm	4	No.
10	Providing and Laying including testing Ductile Iron Double Socket 90° Bends conforming to IS:9523/2000 having dimension as per table 15 of IS:9523/2000 in the following nominal diameter/sizes 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining.. 100mm	1	No.
11	Providing and Laying including testing Ductile Iron All socket Tees 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. 150mm x 100mm	1.00	No.

S.N.	PARTICULERS OF ITEMS	Quantity	
12	Filling in trenches, plinth sides of foundation in layers not exceeding 20cm. In depth including consolidation of each layer by ramming watering, lead upto 50m and lift up to 1.5m in all kinds of soils	177.29	cum
13	Labour only for cutting following Ductile Iron pipes of any type and class. 100mm	2	No.
14	Providing & laying mechanically mixed cement concrete 20mm nominal size graded crushed stone excluding cost of centering & shuttering. PCC works in Grade M-20	1.05	cum
15	Providing Rubber ISI marked Gasket (push on) joint as per IS:5382/2018 to following DI pipes class K-7 and K-9 including testing of joints and cost of jointing materials (Rubber Gasket and soap solution etc.) 100mm	22	No.


Executive Engineer
Municipal Corporation
Bhilai


Assistant Engineer
Municipal Corporation
Bhilai

Sub Engineer
Municipal Corporation
Bhilai