

# MUNICIPAL CORPORATION BHILAI (C.G.)

## NIT

वार्ड क्र.- वार्ड-13 साकेत नगर कोहका सड़क नं. 08 एवं 09 में पेयजल आपूर्ति हेतु डी.आई.पाईप लाईन बिछाने का कार्य।


(AS PER CG PHE S.O.R 2022-23)

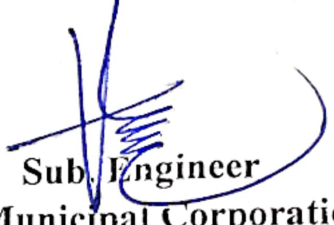
S.No.	Description and details of work	Qty.	Unit
1	Providing, laying and jointing including testing following socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (class K-7) conforming to IS: 8329/ 2000 with suitable Rubber Gasket (Push on) joints as per IS:5382/85 including testing of Joint (laying Conforming to IS 12288 :1987) 100mm	340.00	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:9523/2000.100mm	8.00	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: 9523/2000.100mm	8.00	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. 100mm	8.00	Nos
5	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. 100mm x 100mm	3.00	Nos
	150mm x 100mm	1.00	Nos
	200mm x 100mm	1.00	Nos
6	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.	108.80	Cum
7	Earth work in excavation for pipe trench in Hard 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.	81.60	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 consolidation of each layer by ramming watering, lead up to 50m and lift up to 1.5m in all kinds of soils	190.40	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 )	27.20	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)	27.20	Cum



S.No.	Description and details of work	Qty.	Unit
12	Labour only for cutting following Ductile Iron pipes of any type and class. 100 mm dia.	8.00	Per Cut
	150 mm dia.	8.00	Per Cut
13	Chamfering of CI/DI pipes of all types and classes to make suitable for tyton joints. Up to 150 mm dia.	6.00	Each
	Up to 200 mm dia.	6.00	Each

**Executive Engineer**  
Municipal Corporation  
Bhilai (C.G)

  
**Asstt. Engineer**  
Municipal Corporation  
Bhilai (C.G)

  
**Sub. Engineer**  
Municipal Corporatio  
Bhilai (C.G)