

MUNICIPAL CORPORATION OF BHILAI

NIT

जोन क्र. 02 क्षेत्रांतर्गत डी.आई. पाईप से एम.डी.पी.ई. पाईप लाईन का इंटरकनेक्शन कार्य।

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	83.30	Cum
2	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix	33.32	Cum
3	Carriage by mechanical transport upto 5 km lead: Earth	33.32	Cum
4	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	17.85	Cum
5	Pumping out water caused by springs tidal or river seepage, broken water main or drains and like during Excavation or during Excavation and laying of base concrete (volume to be calculated taking height from water level to bottom of pit and to be measured and paid) .	29.75	Cum

100 to 100 Interconnection

6	Providing & Laying Ductile Iron Double Socket branch flange Tee Conforming to IS-9523/ 2000 having dimension as per table 21 of IS-9523 /2000 in the nominal diameter /sizes with external bitumen coating and internal cement mortar lining with finishing as per clause13 of IS-9523/2000. (laying Conforming to IS 12288 : 1987) (All sizes in mm)	10	Each
7	Providing & laying Ductile iron Mechanical joint collar with follower glands Conforming to IS-9523/2000 having dimension as per table24 of IS-9523/2000 in the nominal diameter/sizes with external bitumen coating and internal cement mortar lining. (laying Conforming to IS 12288 : 1987)	20	Each
8	Providing, laying and jointing socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (classK-7) Conforming to IS 8329/2000 with suitable Rubber Gasket (Pushon) joints as per IS:5382/85 including testing of joint (laying Conforming to IS 12288 : 1987)	20.00	Rm

150 to 100 Interconnection

9	Providing & Laying Ductile Iron Double Socket branch flange Tee Conforming to IS-9523/ 2000 having dimension as per table 21 of IS-9523 /2000 in the nominal diameter /sizes with external bitumen coating and internal cement mortar lining with finishing as per clause13 of IS-9523/2000. (laying Conforming to IS 12288 : 1987) (All sizes in mm)	5	Each
10	Providing & laying Ductile iron Mechanical joint collar with follower glands Conforming to IS-9523/2000 having dimension as per table24 of IS-9523/2000 in the nominal diameter/sizes with external bitumen coating and internal cement mortar lining. (laying Conforming to IS 12288 : 1987)	10	Each
11	Providing, laying and jointing socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (classK-7) Conforming to IS 8329/2000 with suitable Rubber Gasket (Pushon) joints as per IS:5382/85 including testing of joint (laying Conforming to IS 12288 : 1987)	10.00	Rm

200 to 100 Interconnection

12	Providing & Laying Ductile Iron Double Socket branch flange Tee Conforming to IS-9523/ 2000 having dimension as per table 21 of IS-9523 /2000 in the nominal diameter /sizes with external bitumen coating and internal cement mortar lining with finishing as per clause13 of IS-9523/2000. (laying Conforming to IS 12288 : 1987) (All sizes in mm)	2	Each
13	Providing & laying Ductile iron Mechanical joint collar with follower glands Conforming to IS-9523/2000 having dimension as per table24 of IS-9523/2000 in the nominal diameter/sizes with external bitumen coating and internal cement mortar lining. (laying Conforming to IS 12288 : 1987)	4	Each



PARTICULERS OF ITEMS		Quantity	UOM
	Providing, laying and jointing socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (classK-7) Conforming to IS 8329/2000 with suitable Rubber Gasket (Pushon) joints as per IS:5382/85 including testing of joint (laying Conforming to IS 12288 : 1987)	4.00	Rm
15	Providing & Supply of Compression fittings, PN1.6 rate in Conformation to ISO:14236 2000 and shall be tested as per ISO:3459, ISO:3501&ISO:3503, suitable for drinking water & approved by WRAS,UKIKIWA etc., ---- central,state&municipal, n spection charges, transportation up to site, transitinsurance, loading, unloading, stacking etc. complete. Metal inserted Compression Male Threaded Adaptor with SS 304 (MTA)	20	Each

(NON SOR ITEM)

16	Providing and Supplying Blue MDPE pipes Conforming to ISO 4427:1996 manufactured from virgin resin PE80 Food grade compounded Raw Material having Blue Colour only with quality assurance certificate from quality agencies like WRC/CIPET (India) /DVGM/KIWA/ SPGN etc. for use in Drinking Water System The cost shall include testing of all materials, all taxes Central, State, Municipal, Inspection charges, transportation up to site, transitinsurance, loading, unloading, stacking etc. complete.		
	(A) 63 mm	35.00	Rm
	(B) 75 mm	50.00	Rm
	(C) 90 mm	35.00	Rm
17	MDPE REDUCER		
	(A) 75X63 MM	10	Each
	(B) 90X63 MM	5	Each
	(C) 90X75 MM	2	Each
18	Compression 90 Deg. Elbow		
	(A) 63mm	2	Each
	(B) 75 mm	10	Each
	(C) 90 mm	5	Each

EXE. ENGINEER
Nagar Palik Nigam, Bhilai

ASSTT. ENGINEER
Nagar Palik Nigam, Bhilai

SUB-ENGINEER
Nagar Palik Nigam, Bhilai

