

MUNICIPAL CORPORATION OF BHILAI

NIT

जोन-03 अंतर्गत जी.आई पाईप लाईन एम.डी.पी.ई. पाईप लाईन एवं डी.आई. पाईप लाईन इंटरकनेक्शन एवं संधारण कार्य सामग्री सहित ।

DI to DI Pipe Line Interconnection & Maintenance Work

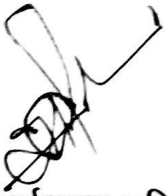
(AS PER PWD BUILDING SOR 01.01.2015, AS PER PHED SOR W.E.F. 01.06.2020 & NON SOR ITEM)

S.N.	PARTICULERS OF ITEMS	Quantity	UOM	Rate	Amount
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.	63.7	Cum		
2	Demolishing cement concrete including disposal of material within 50 metre lead.1:3:6 or richer mix 40% of Excavation	25.18	Cum		
3	Carriage by mechanical transport upto 5 km lead:Earth 40% of Excavation	25.48	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.	13.65	Cum		
5	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	9.1	Cum		
6	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) .	22.75	Cum		
7	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)100x100	3	Each		
8	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)100mm	9	Each		
9	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)100mm diameter	6	Rm		

150 to 100 Interconnection

S.N.	PARTICULERS OF ITEMS	Quantity	UOM	Rate	Amo	C.N.
10	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)150x100	2	Each			
11	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)					
		150mm	4	Each		
		100mm	2	Each		
12	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)					
		150mm diameter	2.00			
		100mm diameter	2.00			
150 to 150 Interconnection						
13	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)150x150	2	Each			
14	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)150mm	6	Each			
15	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	Rm			
200 to 100 Interconnection						
16	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			
17	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)					
		200mm	4	Each		
		100mm	2	Each		
18	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)					

S.N.	PARTICULARS OF ITEMS	Quantity	UOM	Rate	Amount
	200mm diameter	2.00	Rm		
	100mm diameter	2.00	Rm		
200 to 150 Interconnection					
19	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)200x150	2	Each		
20	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)				
	200mm	2	Each		
	150mm	2	Each		
21	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)				
	200mm diameter	2.00			
	150mm diameter	2.00	Rm		
200 to 200 Interconnection					
22	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)200x200	2	Each		
23	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)200mm	3	Each		
24	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)	2	Rm		



कार्यपालन अभियन्ता
नगर पालिक निगम, मिलार्ड



सहायक अभियन्ता
नगर पालिक निगम, मिलार्ड



उप अभियन्ता
नगर पालिक निगम, मिलार्ड