

# MUNICIPAL CORPORATION OF BHILAI

NIT

जोन क्र. 04 अंतर्गत पेयजल समस्या-मूलक क्षेत्रों में एम.डी.पी.ई. पाईप लाईन संधारण कार्य।

(PHE SOR 01.06.2020 & NON SOR ITEM)

S.N.	PARTICULERS OF ITEMS	Qty	UOM	
<b>(A) PHE SOR 01.06.2020</b>				
1	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	
2	Earth work in excavation for pipe trench in all kinds of rocks in areas including dressing, stacking of useful material and disposal of unserviceable material up to lead up to 50m and lift up to 1.5m. Soft rock with or without blasting or bituminouspavement / cement concrete road.	134.40	Cum	
3	Providing & laying mechanically mixed cement concrete 20mm nominal size graded crushed stone excluding cost of centering & shuttering. In Plinth & foundation 1:11/2:3 (M-20 )	3.15	Cum	
4	Providing, laying and jointing 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	30.00	Rmt	
5	Providing, laying and jointing including testing all specials for diameter 900 mm to 50 mm dia for Bends of all angles, Tees as per requirement for fixing Sluice Valve, Reflux Valve Air Valve etc. of C.I., D.I. and non sizes M.S. fittings as directed by Engineer-in-charge as per relevant IS Codes as applicable complete.	2829.00	Ls	
6	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	2	No.	
7	Labour only for cutting following Ductile Iron pipes of any type and class.			
	100mm	2	Per Cut	
8	Chamfering ductile iron pipes of all types and classes to make suitable for tyton joints.			
	100mm (Up to 150 mm dia.)	2	Each End	
<b>(B) NON SOR ITEM</b>				
9	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) /DVGW/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, transit insurance, loading, unloading, stacking etc. complete.			<b>Rate</b>
	(A) 63 mm	150.00	Rm	
	(B) 75 mm	265.00	Rm	
	(C) 90 mm	80.00	Rm	

S.N.	PARTICULERS OF ITEMS	Qty	UOM	Rate
10	MDPE REDUCER			
	(A) 75X63 MM	10	Each	
	(B) 90X63 MM	5	Each	
	(C) 90X75 MM	2	Each	
11	Compression 90 Deg. Elbow			
	(A) 63mm	2	Each	
	(B) 75 mm	10	Each	
	(C) 90 mm	5	Each	



Executive Engineer  
Municipal Corporation  
Bhilai

Assistant Engineer  
Municipal Corporation  
Bhilai



Sub Engineer  
Municipal Corporation  
Bhilai