

# MUNICIPAL CORPORATION OF BHILAI

NIT


जोन क्र. 04 अंतर्गत शासकीय आई.टी.आई. के सामने राष्ट्रीय राजमार्ग को क्रॉस करते हुए बुस्टिंग पाईप लाईन बिछाने का कार्य।

(As Per CG PHE SOR 01.06.2020)

SN	PARTICULERS OF ITEMS	QTY.	UNIT
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.(CG PHE SOR_2020 18.15/225)	13.20	Cum
2	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.	13.20	Cum
3	Soft rock with or without blasting or bituminous pavement / cement concrete road.	6.60	Cum
4	Hard rock (requiring blasting.)	9.90	Cum
5	Pumping out water caused by springs, tides or river seepage, broken water mains or drains.	42.90	kl
6	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). 100 mm	70.00	Rmt.
7	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.	6601	LS
	Providing and Laying non-pressure (NP3) RCC socket & spigot pipes with rubber gasket joint including testing of joints. 600mm	30.00	Rmt.
8	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	26.40	Cum
9	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		
10	Labour only for cutting following Ductile Iron pipes of any type and class. 100mm	4	No.
11	Chamfering ductile iron pipes of all types and classes to make suitable for tyton joints. 100mm	4	No.
12	Carriage of Material by Mechanical transport including loading unloading & stacking etc. Earth & Moorum 3km Lead	8	No.
13	Providing & laying mechanically mixed cement concrete 20mm nominal size graded crushed stone excluding cost of centering & shuttering. 1:3:6 (M-10)		
	1:1:2(M-25)	3.30	Cum
		6.60	Cum

  
Executive Engineer  
Municipal Corporation  
Bhilai

Assistant Engineer  
Municipal Corporation  
Bhilai

  
Sub Engineer  
Municipal Corporation  
Bhilai