

NAGAR PALIK NIGAM BHILAI

NIT

जोन क्र.-02 वैशाली नगर क्षेत्रांतर्गत डी.आई. पाईप लाईन से डी.आई. पाईप लाईन इंटरकनेक्शन हेतु
सम्पूर्ण कार्य।

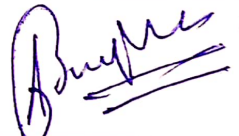
AS PER CG PHED SOR 2022-23 & NON SOR

Sr. No.	Description	Unit	Qty.
1	Dismantling of Cement Concrete Pavment by mechanical means using pneumatic tools, cutter breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately	cum	32.80
2	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.	cum	164.00
3	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)	Rmt	40.00
	100mm Dia	Rmt	25.00
	150mm Dia	Rmt	12.00
	200mm Dia	Rmt	10.00
	250mm Dia	Rmt	5.50
	300mm Dia	Rmt	5.50
4	Filling available excavated earth in trenches, plinth sides of foundation in layers not exceeding 20cm. indepth including consolidation of each layer by ramming watering, lead up to 50m and lift up to 1.5m in all kindsof soils	cum	157.44
	Total Excavation + Cement Concrete 80%	cum	157.44
5	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.)	No.	150.00
	100mm Dia	No.	45.00
	150mm Dia	No.	30.00
	200mm Dia	No.	15.00
	250mm Dia	No.	6.00
	300mm Dia	No.	6.00
6	Chamfering ductile iron pipes of all types and classes to make suitable for tyton joints.	No.	60.00
	100mm Dia	No.	30.00
	150mm Dia	No.	21.00
	200mm Dia	No.	6.00
	250mm Dia	No.	6.00
	300mm Dia	No.	4.00
7	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.	No.	40.00
	100mm Dia	No.	20.00
	150mm Dia	No.	14.00
	200mm Dia	No.	4.00
	250mm Dia	No.	4.00
	300mm Dia	No.	4.00
8	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.	No.	4.00



	100mm x 100mm	No.	20.00
	150 mm x 100 mm	No.	10.00
	200 mm x 100 mm	No.	7.00
	250 mm x 100 mm	No.	2.00
	300 mm x 100 mm	No.	2.00
9	Providing and Laying including testing Ductile Iron Double Socket 90° Bends conforming to IS: 9523/2000 having dimension as per table 15 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining.		
	100mm	No.	5.00
10	Providing and Laying including testing Ductile Iron Double Socket 45° Bends conforming to IS: 9523/2000 having dimension as per table 16 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining.		
	100 mm Dia	No.	5.00
11	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining.		
	100 mm Dia	No.	5.00
12	Providing and Laying including testing Ductile Iron Double Socket 11.25° bends conforming to IS:9523/2000 having dimension as per table 18 of IS:9523/2000 in the following nominal diameter/ sizes with external bitumen coating and internal cement mortar lining.		
	100 mm Dia	No.	5.00
13	Providing & laying mechanically mixed cement concrete 20mm nominal size graded crushed stone excluding cost of centering & shuttering.		
	1:2:4 (M-15)	cum	3.69
	1:1 1/2:3 (M-20)	cum	0.60
14	Non SOR Item Labour Charge For Interconnection Work all I/c Charge.	Nos	41.00


ASSTT.ENGINEER
Nagar Palik Nigam, Bhilai


SUB ENGINEER
Nagar Palik Nigam, Bhilai