

# MUNICIPAL CORPORATION BHILAI (C.G.)

N.I.T.

कार्य का नाम :- 100 एम एम से 1000 एम एम व्यास के डी.आई. पाइप लाइन का संधारण कार्य।


S.No	Item code	Description and details of work	unit	Qty.	Rate
1	18.15	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 up to 1.5m, disposal earth to be levelled, neatly dressed			
			CUM	315.00	
2	18.16	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	90.00	
3	18.20	Extra for every additional lift of 1.5m or part there of			
	18.20.1	All kind of soils (over Item No. 18.15, 18.16 and 18.17)	CUM	30.00	
4	19.4	Labour only for cutting following Ductile Iron pipes of any type and class.			
		100mm	Each	8	
		150mm	Each	8	
		200mm	Each	8	
		250mm	Each	8	
		300mm	Each	5	
		350mm	Each	5	
		400mm	Each	5	
		450mm	Each	5	
		500mm	Each	5	
		600mm	Each	5	
		800mm	Each	4	
		900mm	Each	4	
5	19.6	Chamfering of CI/DI pipes of all types and classes to make suitable for tyton joints.			
		150mm	Each	8	
		200mm	Each	8	
		250mm	Each	8	
		300mm	Each	5	
		400mm	Each	5	
		450mm	Each	5	
		500mm	Each	6	
		600mm	Each	6	
		800mm	Each	4	
		900mm	Each	4	
		1000mm	Each	4	


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6	4.11	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.			
		100mm	Each	8	
		150mm	Each	8	
		200mm	Each	8	
		250mm	Each	8	
		300mm	Each	5	
		350mm	Each	5	
		400mm	Each	5	
		450mm	Each	5	
		500mm	Each	4	
		600mm	Each	4	
		800mm	Each	3	
		900mm	Each	3	
		1000mm	Each	3	
7	4.12	Labour only for 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 internal cement mortar lining.			
		100mm	Each	8	
		150mm	Each	8	
		200mm	Each	8	
		250mm	Each	8	
		300mm	Each	5	
		350mm	Each	5	
		400mm	Each	8	
		450mm	Each	8	
		500mm	Each	4	
		600mm	Each	4	
		800mm	Each	3	
		900mm	Each	3	
		1000mm	Each	3	

(6)

8	4.5	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.)			
		400mm	Each	5	
		450mm	Each	5	
		500mm	Each	4	
		600mm	Each	4	
		800mm	Each	3	
		900mm	Each	3	
		1000mm	Each	3	
9	18.23	Filling available excavated earth in trenches, lead up to 50m and lift up to 1.5m in all kind of soil excluding Watering and ramming.			
			CUM	315.00	
10	18.21	Pumping out water caused by springs, tides or river seepage, broken water mains or drains or well or the like.			
			KI	168.00	

  
**Executive Engineer**  
Municipal Corporation  
Bhilai(C.G.)

  
**Assistant Engineer**  
Municipal Corporation  
Bhilai(C.G.)

**Sub Engineer**  
Municipal Corporation  
Bhilai (C.G.)