

# NAGAR PALIK NIGAM BHILAI

## NIT

जान क्र.-04 शिवाजी नगर क्षेत्रांतर्गत वार्ड क्र. 42, 43, 44, 45 में डी.आई.,एम.डी.पी.ई. एवं जी.आई. पाईप लाईन संधारण कार्य सामग्री सहित।

(As Per NON SOR ITEM )

S.NO	ITEM	UNIT	QTY	RATE
(A)	As Per NON SOR ITEM			
1	Repairing of all types of pipe line leakage including excavation in all types of soil/concrete/tar road, labour, and complete work.			
	(A) G.I. Pipe – 15 to 25 mm diameter			
	a.Excavation in hard soil	NOS	8	
	b.Excavation in Concrete Road	NOS	5	
	(A) G.I. Pipe – 32 to 80 mm diameter			
	a.Excavation in hard soil	NOS	8	
	b.Excavation in Concrete Road	NOS	5	
	(B) MDPE Pipe – 63 to 110 mm diameter with D joint			
	a.Excavation in hard soil	NOS	8	
	b.Excavation in Concrete Road	NOS	5	
	(C) A.C. Pipe – 80 to 100 mm diameter with D joint			
	a.Excavation in hard soil	NOS	2	
	b.Excavation in Concrete Road	NOS	4	
	A.C. Pipe –150 mm diameter			
	a.Excavation in hard soil	NOS	2	
	b.Excavation in Concrete Road	NOS	4	
	A.C. Pipe –200 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	4	
2	Repairing of D.I. Pipe line with 1 Nos M.J. Coller rubber ring and excavation dewatering refilling etc. In case of failure of joint contractor repair again with out cost.			
	(A)100 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(B)150 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(C)200 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(D)250 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(E)300 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(F)400 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(G)450 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(H)500 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
	(I)600 mm diameter			
	a.Excavation in hard soil	NOS	1	
	b.Excavation in Concrete Road	NOS	1	
3	Repairing of D.I. Pipe line with One meter pipe and 2 Nos M.J. Coller rubber ring i/c excavation dewatering refilling etc. In case of failure of joint contractor repair again with out cost.	NOS	1	

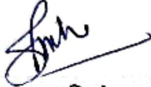
S.NO	ITEM	UNIT	QTY	RATE	AMOUNT
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S.NO	ITEM	UNIT	QTY	RATE	AMOUNT
	(A)100 mm diameter	NOS	2		
	a.Excavation in hard soil	NOS	2		
	b.Excavation in Concrete Road				
	(B)150 mm diameter	NOS	1		
	a.Excavation in hard soil	NOS	2		
	b.Excavation in Concrete Road				
	(C)200 mm diameter	NOS	2		
	a.Excavation in hard soil	NOS	2		
	b.Excavation in Concrete Road				
	(D)250 mm diameter	NOS	1		
	a.Excavation in hard soil	NOS	1		
	b.Excavation in Concrete Road				
	(E)300 mm diameter	NOS	1		
	a.Excavation in hard soil	NOS	1		
	b.Excavation in Concrete Road				
	(F)400 mm diameter	NOS	2		
	a.Excavation in hard soil	NOS	2		
	b.Excavation in Concrete Road				
	(G)450 mm diameter	NOS	1		
	a.Excavation in hard soil	NOS	1		
	b.Excavation in Concrete Road				
	(H)500 mm diameter	NOS	1		
	a.Excavation in hard soil	NOS	1		
	b.Excavation in Concrete Road				
	(H)600 mm diameter	NOS	1		
	a.Excavation in hard soil	NOS	1		
	b.Excavation in Concrete Road				
4	Restoration of all types of road with PCC M-20 i/c Filling of excavated stuff, watering, ramming complete				
	For Main Road 20X5.00X1.00X0.20	Cum	5		
	For Internal Road 20X5.00X1.00X0.15	Cum	3		
5	Providing and laying MDPE blue pipe line including excavation of trenches, refilling the same, all fittings and testing of joints etc complete:				
	110 mm dia.	Mtr	12		
	90 mm dia.	Mtr	10		
	75 mm dia.	Mtr	10		
	63 mm dia.	Mtr	10		
6	Repairing & Fixing of sluice valve/ Butterfly valve including all required labour material tools and leath work etc. Complete.				
	80 mm dia.	NOS	2		
	100 mm dia.	NOS	2		
	150 mm dia.	NOS	2		
	200 mm dia.	NOS	2		
	500 - 700 mm dia.	NOS	1		
7	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):				
	25 mm nominal bore	Each	12		
	40 mm nominal bore	Each	10		
	50 mm nominal bore	Each	10		
	80 mm nominal bore	Each	10		
8	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:				
	15 mm nominal bore	Mtr	25		
	20 mm nominal bore	Mtr	25		
	25 mm nominal bore	Mtr	25		
	32 mm nominal bore	Mtr	10		
	40 mm nominal bore	Mtr	25		
	50 mm nominal bore	Mtr	50		
	80 mm nominal bore	Mtr	10		

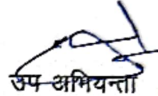


	ITEM	UNIT	QTY	RATE
	Providing & fixing following ductile iron sluice valves including jointing & testing with cost of jointing material such as bolts, nuts and rubber insertion all complete as per IS: 13095-1991.			
	80mm dia	Each	2	
	100mm dia	Each	1	
	150mm dia	Each	1	
	200mm dia	Each	1	
10	Providing & fixing following ductile iron butterfly valves including jointing & testing with cost of jointing material such as bolts, nuts and rubber insertion all complete as per IS: 13095-1991.			
	700mm dia	Each	1	
11	Providing and fixing G. I. Union in G.I. Pipe line i/c cutting threading testing etc. complete (Old work) confirming to IS1879			
	15mm dia	Each	15	
	20mm dia	Each	15	
	25mm dia	Each	20	
	32mm dia	Each	25	
	40mm dia	Each	25	
	50mm dia	Each	25	
	80mm dia	Each	2	
12	Providing and fixing G. I. socket in G.I. Pipe line i/c cutting threading testing etc. complete (Old work) confirming to IS 1879			
	15mm dia	Each	25	
	20mm dia	Each	10	
	25mm dia	Each	25	
	32mm dia	Each	25	
	40mm dia	Each	25	
	50mm dia	Each	25	
	80mm dia	Each	10	
13	Providing and fixing G.I. Tee in G.I. Pipe line i/c cutting threading testing etc. complete (Old work) confirming to IS: 1879			
	15mm dia	Each	25	
	20mm dia	Each	10	
	25mm dia	Each	10	
	32mm dia	Each	5	
	40mm dia	Each	5	
	50mm dia	Each	5	
	80mm dia	Each	5	
14	Providing and fixing G. I. Elbow in G.I. Pipe line i/c cutting threading testing etc. complete (Old work) confirming to IS: 1879			
	15mm dia	Each	25	
	20mm dia	Each	25	
	25mm dia	Each	10	
	32mm dia	Each	10	
	40mm dia	Each	10	
	50mm dia	Each	10	
	80mm dia	Each	5	
15	Providing and fixing G. I. Nipple of minimum length in G.I. Pipe line i/c cutting, threading, testing and carriage etc. complete (Old work) confirming to IS: 1879			
	15mm dia	Each	10	
	20mm dia	Each	25	
	25mm dia	Each	25	
	32mm dia	Each	25	
	40mm dia	Each	25	
	50mm dia	Each	25	
	80mm dia	Each	40	
16	Providing and fixing wrought steel Plug in G.I. Pipe line with outer threading testing etc. complete (New & Old work) confirming to IS: 1879			
	15mm dia	Each	10	
	20mm dia	Each	25	
	25mm dia	Each	5	
		Each	5	

S.NO	ITEM	UNIT	QTY	RATE
	32mm dia	Each	5	
	40mm dia	Each	5	
	50mm dia	Each	5	
	80mm dia	Each	2	
17	Providing, laying and jointing including testing following 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:5382/2018 100mm			
	100 mm Dia	Mtr	12	
	150 mm Dia	Mtr	12	
	200 mm Dia	Mtr	12	
	250 mm Dia	Mtr	2	
	300 mm Dia	Mtr	2	
	350 mm Dia	Mtr	2	
	400 mm Dia	Mtr	2	

  
कार्यपालन अभियंता  
नगर पालिक निगम भिलाई

  
सहायक अभियंता  
नगर पालिक निगम, भिलाई

  
उप अभियंता  
नगर पालिक निगम, भिलाई