

# NAGAR PALIK NIGAM BHILAI

## NIT

जोन क्र.-04 शिवाजी नगर क्षेत्रांतर्गत वार्ड क्र. 49, 50, 51 में डी.आइ., एम.डी.पी.ई. एवं जी.आई. पाईप लाईन  
संधारण कार्य सामग्री सहित।

(As Per NON SOR ITEM)

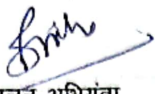
| S.NO | ITEM  | UNIT | QTY | RATE |
|------|---|------|-----|------|
| (A)  | As Per NON SOR ITEM   |      |     |      |
| 1    | Repairing of all types of pipe line leakage including excavation in all types of soil/concrete/tar road, labour, and complete work.   |      |     |      |
|      | (A) G.I. Pipe – 15 to 25 mm diameter  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 4   |      |
|      | b.Excavation in Concrete Road   | NOS  | 2   |      |
|      | (A) G.I. Pipe – 32 to 80 mm diameter  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 4   |      |
|      | b.Excavation in Concrete Road   | NOS  | 2   |      |
|      | (B) MDPE Pipe – 63 to 110 mm diameter with D joint  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 4   |      |
|      | b.Excavation in Concrete Road   | NOS  | 2   |      |
|      | (C) A.C. Pipe – 80 to 100 mm diameter with D joint  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 1   |      |
|      | b.Excavation in Concrete Road   | NOS  | 1   |      |
|      | A.C. Pipe –150 mm diameter  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 1   |      |
|      | b.Excavation in Concrete Road   | NOS  | 1   |      |
|      | A.C. Pipe –200 mm diameter  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 1   |      |
|      | b.Excavation in Concrete Road   | NOS  | 1   |      |
| 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. |      |     |      |
|      | (A)100 mm diameter  |      |     |      |
|      | a.Excavation in hard soil   | NOS  | 1   |      |
|      | b.Excavation in Concrete Road   | NOS  | 1   |      |

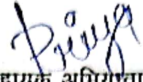
| S.NO | ITEM   | UNIT | QTY | RATE |
|------|--|------|-----|------|
|      | (B)150 mm diameter   | NOS  | 1   |      |
|      | a.Excavation in hard soil  | NOS  | 1   |      |
|      | b.Excavation in Concrete Road  |      |     |      |
|      | (C)200 mm diameter   | NOS  | 1   |      |
|      | a.Excavation in hard soil  | NOS  | 1   |      |
|      | 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  | 1   |      |
|      | a.Excavation in hard soil  | NOS  | 1   |      |
|      | 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  | 1   |      |
|      | For Internal Road 20X5.00X1.00X0.15  | Cum  | 1   |      |
| 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  | 1   |      |
|      | 100 mm dia.  | NOS  | 1   |      |
|      | 150 mm dia.  | NOS  | 1   |      |
|      | 200 mm dia.  | NOS  | 1   |      |
|      | 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  | 10  |      |
|      | 20 mm nominal bore   | Mtr  | 10  |      |
|      | 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  | 2   |      |
| 9    | 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   |      |




| S.NO | ITEM  | UNIT | QTY | RATE |
|------|---|------|-----|------|
| 10   | 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   |      |
| 11   | 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  |      |
| 12   | 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   |      |
| 13   | 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   |      |
| 14   | 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 | 40  |      |
|      | 80mm dia  | Each | 10  |      |
| 15   | 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 | 25  |      |
|      | 20mm dia  | Each | 5   |      |
|      | 25mm dia  | Each | 5   |      |
|      | 32mm dia  | Each | 5   |      |
|      | 40mm dia  | Each | 5   |      |
|      | 50mm dia  | Each | 5   |      |
|      | 80mm dia  | Each | 5   |      |
|      |   | Each | 2   |      |
| 16   | 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  |      |     |      |
|      | 150 mm Dia  | Mtr  | 12  |      |
|      | 200 mm Dia  | Mtr  | 12  |      |
|      | 250 mm Dia  | Mtr  | 12  |      |
|      | 300 mm Dia  | Mtr  | 2   |      |
|      | 350 mm Dia  | Mtr  | 2   |      |
|      |   | Mtr  | 2   |      |

| S.NO | ITEM       | UNIT | QTY | RATE |
|------|------------|------|-----|------|
|      | 400 mm Dia | Mtr  | 2   |      |

  
कार्यपालन अभियंता  
नगर पालिक निगम भिलाई

  
सहायक अभियंता  
नगर पालिक निगम, भिलाई

  
उप अभियंता  
नगर पालिक निगम, भिलाई