

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम :- जोन क्र. 05 सेक्टर 06 वार्ड क्र. 69 एवं 70 में नालियों से गुजरने वाली पाईप लाईप को डी.आई.पाईप लाईन से इनकेशिंग करने का कार्य।

Building SOR, PHE SOR & NON-SOR

SN.	Details of Item	Qty.	Unit
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	4.32	Cum
2	Demolishing cement concrete including disposal of material within 50 metre lead. 1:4:8 or leaner mix	1.8	Cum
3	Excavation for all types and the sizes of foundation, trenches and drains or for any other purpose Including dressing and leveling of pits. In all types of soil.	9.00	Cum
4	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	5.40	Cum
5	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	72.00	Sqm
6	Providing and laying nominal mix reinforced concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	5.40	Cum
7	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	216.00	kg
8	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	4.00	Cum
9	Carriage by mechanical transport for 5 km lead.	15.12	Cum
	PHE SOR 2020		
10	Providing laying and jointing of following galvanized Iron (MS) Pipes with specials (such as bends, elbows, tees etc) class light, medium & heavy including testing of joints, cost of pipes, specials and jointing materials all complete. Pipes and sockets conforming to IS:1239/2011 Part- II.		
		28.00	meter
a	50mm dia	28.00	meter
b	40mm dia	14.00	meter
c	32mm dia	14.00	meter
d	25mm dia	14.00	meter
e	20mm dia	14.00	meter
f	15mm dia		
11	Providing and fixing G. I. Union in G.I. Pipe line i/c cutting threading testing etc. complete (New work) confirming to IS 1879	10.00	each
a	50mm dia	10.00	each
b	40mm dia	10.00	each
c	32mm dia	5.00	each
d	25mm dia	4.00	each
e	20mm dia	1.00	each
f	15mm dia		

12	Labour for fixing G. I. Union in G.I. Pipe line i/c cutting threading, testing and carriage etc. complete (Old work)		
a	50mm dia	10.00	each
b	40mm dia	10.00	each
c	32mm dia	10.00	each
d	25mm dia	5.00	each
e	20mm dia	4.00	each
f	15mm dia	1.00	each
13	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 Dia	48.00	Rmt
	150mm Dia	48.00	Rmt
NON-SOR			
	Providing and Fixing Blue MDPE pipes Conforming to ISO 4427:1996 manufactured from virgin resin PE80 Food grade compounded Raw Material having Blue Colour only with quality assurance certificate from quality agencies like WRC/CIPET (India) /DVGM/KIWA/ SPGN etc. for use in Drinking Water System The cost shall include testing of all materials, all taxes Central, State, Municipal, Inspection charges, transportation up to site, transitinsurance, loading, unloading, stacking etc. complete.		
a	63mm	42.00	Rm
b	75mm	28.00	Rm
c	90mm	42.00	Rm


Asst Engineer
Municipal Corporation
Bhilai(C.G.)


Sub Engineer
Municipal Corporation
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