


OFFICE OF MUNICIPAL CORPORATION, BHILAI-CHARODA, DIST.- DURG (C.G.)

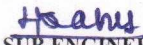
Name of Work :- Connection to Old ESR at Gandhi Nagar Charoda.

S. No.	Items	No	L	B	D/H	Qty	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10
1	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. (CG PHE SOR 2020, I.N.18.15/P-225)								
		1	75	0.9	0.9	61	Cum		
		1	75	0.9	0.9	61	Cum		
						122	Cum	₹ 161.00	₹ 19,561.50
2	Filling available excavated earth in trenches, plinth sides of foundation in layers not exceeding 20cm. In depth including consolidation of each layer by ramming watering, lead up to 50m and lift up to 1.5m in all kinds of soils (CG PHE SOR 2020, I.N.18.22/P-227)								
		1	75	0.9	0.9	60.8	Cum		
		1	75	0.9	0.9	60.8	Cum		
						122	Cum	₹ 66.00	₹ 8,019.00
3	Supply & Filling moorum/river sand for pipe bedding or over the pipe (including supply)								
	(CG PHE SOR 2020, I.N.18.22/P-227)								
		1	150	0.9	0.20	27	Cum		
						27	Cum	₹ 693.00	₹ 18,711.00
4	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 (CG PHE SOR_2020 4.1/53)								
	400 mm dia, D.I K-7	1	75			75	Rmt.	₹ 4,237.00	₹ 3,17,775.00
	300 mm dia, D.I K-7	1	75			75	Rmt.	₹ 2,908.00	₹ 2,18,100.00
5	Fixing of following Ductile iron double flanged sluice valves fitted with cap testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete (only valve to be supplied by depts.)								
	(CG PHE SOR 2020, I.N.4.42/P.74)								
	400 mm Dia.	1				1	each		₹ 0.00
	300 mm Dia.	1				1	each		₹ 0.00

S. No.	Items	No	L	B	D/H	Qty	Unit	Rate	Amount
6	Providing & fixing of following Ductile iron double flanged sluice valves as per I.S.:14846-2000 fitted with cap including jointing & testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete. CLASS PN- 10 CLASS								
	(CG PHE SOR 2020, I.N.4.41/P.73)								
	400 mm Dia.	1				1	Each	₹ 1,09,242.00	₹ 1,09,242.00
	300 mm Dia.	1				1	Each	₹ 55,115.00	₹ 55,115.00
7	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.)								
	(CG PHE SOR 2020, I.N. /P.)								
	400 mm Dia.	20				20	Each	₹ 565.00	₹ 11,300.00
	300 mm Dia.	20				20	Each	₹ 297.00	₹ 5,940.00
8	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.								
	400 mm Dia.	2				2	Each	₹ 13,878.00	₹ 27,756.00
	300 mm Dia.	2				2	Each	₹ 7,137.00	₹ 14,274.00
	(CG PHE SOR 2020, I.N.4.11/P.58)								
9	Providing, Laying including testing and Jointing welded double flanged centrifugal cast (spun) ductile Iron pressure pipes conforming to IS 8329/2000 in the length of 4m for class K-9 with inside cement mortar lining for the following sizes/dia pipes.								
	(CG PHE SOR 2020, I.N.4.30/P.69)								
	400 mm Dia.	5				5	Each	₹ 47,164.00	₹ 2,35,820.00
	300 mm Dia.	4				4	Each	₹ 30,455.00	₹ 1,21,820.00
10	Providing and laying in position including testing following cast iron double flanged 90° bends (all sizes in mm)								
	400 mm Dia.	2				2	Each	₹ 11,827.00	₹ 23,654.00
	300 mm Dia.	2				2	Each	₹ 6,570.00	₹ 13,140.00
	(CG PHE SOR 2020, I.N.3-12 /P.39)								
11	Construction of Brick masonry valve chamber with 20 cm thick wall in 1:6 C.M. with 12mm thick 1:4 Cement Plaster and base course 10 cm. thick in M-15. Inside Dimensions 110x80x100cm M-20 RCC chamber cover size 130x100cmx120cm including cost of materials, labour etc.complete.								

S. No.	Items	No	L	B	D/H	Qty	Unit	Rate	Amount
	(CG PHE SOR 2020, I.N.18.79/P.235)	3				3	Each	₹ 6,323.00	₹ 18,969.00
12	Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1								
	(CG PWD SOR 2020, I.N.17.7/P.70)					15	kg	₹ 1,650.00	₹ 24,750.00
13	2.6 Dismantling of cement concrete pavement i/c 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 upto 1000 meters, stacking serviceable and unserviceable materials separately and as per relevant clauses of section-200.								
	(CG PWD SOR 2020, I.N.2.6/P.13)	2	90	0.9	0.25	41	Cum	₹ 1,228.00	₹ 49,734.00
Total									₹ 12,93,680.50
(In words :- Twelve Lac Ninety Three Thousand Six Hundred Eighty Rupee Only).									
Say In (Lacs)									₹ 12.94


 ASSISTANT ENGINEER
 MUNICIPAL CORPORATION
 BHILAI-CHARODA


 SUB ENGINEER
 MUNICIPAL CORPORATION
 BHILAI-CHARODA