



# BHOHAL MUNICIPAL CORPORATION

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Water Work Zone 12

ESTIMATE NO: 2025207114

Date: 18.03.2026

NAME OF WORK Providing, Laying and Jointing and Shifting of Water line at Various Ward Under Zone 12

Name of activity: Providing, Laying and Jointing and Shift SOR: MPUADD Water Supply Sewerage and Tubewells Works, 2021									
S. No	Items	N	Len (M)	Wid (M)	H/D (M)	Qty	Unit	Rate (INR)	Amount (INR)
1	-V1_18.12_21-Dismantling of cement concrete pavem-	1	1175	1	0.2	235	CUM	749.00	176,015.00
2	-V1_18.2.1_21-All kinds of ordinary soil-	1	2350	0.9	0.6	1269	CUM	151.00	191,619.00
3	-V1_18.2.2_21-Ordinary rock-	1	2000	0.9	0.4	720	CUM	261.00	187,920.00
4	-V1_18.2.4_21-Hard rock (blasting prohibited)-	1	350	1	0.3	105	CUM	559.00	58,695.00
5	-V1_18.3.3_21-Filling with moorum for pipe beddin-					722.74 1	CUM	720.00	520,373.52
6	-V1_7.1.9.8_21-110 mm dia-					800	RM	456.00	364,800.00
7	-V1_7.1.12.8_21-160 mm dia-					250	RM	945.00	236,250.00
8	-V1_7.1.14.8_21-200 mm dia-					400	RM	1,468.00	587,200.00
9	-V1_7.1.17.8_21-280 mm dia-					280	RM	2,849.00	797,720.00
10	-V1_7.1.18.8_21-315 mm dia-					500	RM	3,598.00	1,799,000.00
11	-V1_7.2.9.8_21-110 mm dia-					30	EA	331.00	9,930.00
12	-V1_7.2.12.8_21-160 mm dia-					10	EA	985.00	9,850.00
13	-V1_7.2.14.8_21-200 mm dia-					10	EA	1,816.00	18,160.00
14	-V1_7.2.17.8_21-280 mm dia-					5	EA	4,782.00	23,910.00
15	-V1_7.2.18.8_21-315 mm dia-					10	EA	6,749.00	67,490.00
16	-V1_7.3.9.8_21-110 mm dia-					15	EA	338.00	5,070.00
17	-V1_7.3.12.8_21-160 mm dia-					8	EA	692.00	5,536.00
18	-V1_7.3.14.8_21-200 mm dia-					6	EA	1,253.00	7,518.00
19	-V1_7.3.17.8_21-280 mm dia-					5	EA	3,229.00	16,145.00
20	-V1_7.3.18.8_21-315 mm dia-					10	EA	4,555.00	45,550.00
21	-V1_7.4.9.8_21-110 mm dia-					15	EA	487.00	7,305.00



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S. No	Items	N	Len (M)	Wid (M)	H/D (M)	Qty	Unit	Rate (INR)	Amount (INR)
22	-V1_7.4.12.8_21-160 mm dia-					10	EA	1,276.00	12,760.00
23	-V1_7.4.14.8_21-200 mm dia-					10	EA	2,374.00	23,740.00
24	-V1_7.4.17.8_21-280 mm dia-					6	EA	6,289.00	37,734.00
25	-V1_7.4.18.8_21-315 mm dia-					10	EA	8,954.00	89,540.00
26	-V1_7.5.9.8_21-110 mm dia-					5	EA	246.00	1,230.00
27	-V1_7.5.12.8_21-160 mm dia-					2	EA	486.00	972.00
28	-V1_7.5.14.8_21-200 mm dia-					2	EA	741.00	1,482.00
29	-V1_7.5.17.8_21-280 mm dia-					1	EA	1,193.00	1,193.00
30	-V1_7.5.18.8_21-315 mm dia-					1	EA	1,789.00	1,789.00
31	-V1_7.7.9.II_21-110 mm dia-					20	EA	196.00	3,920.00
32	-V1_7.7.12.II_21-160 mm dia-					10	EA	373.00	3,730.00
33	-V1_7.7.14.II_21-200 mm dia-					10	EA	541.00	5,410.00
34	-V1_7.7.17.II_21-280 mm dia-					5	EA	858.00	4,290.00
35	-V1_7.7.18.II_21-315 mm dia-					3	EA	1,145.00	3,435.00
36	-V1_7.9.9_21-110 mm dia-					130	EA	154.00	20,020.00
37	-V1_7.9.12_21-160 mm dia-					40	EA	217.00	8,680.00
38	-V1_7.9.14_21-200 mm dia-					60	EA	245.00	14,700.00
39	-V1_7.9.17_21-280 mm dia-					40	EA	340.00	13,600.00
40	-V1_7.9.18_21-315 mm dia-					80	EA	373.00	29,840.00
41	-V1_7.10.9.8_21-110 mm dia-					5	EA	132.00	660.00
42	-V1_7.10.12.8_21-160 mm dia-					3	EA	358.00	1,074.00
43	-V1_7.10.14.8_21-200 mm dia-					3	EA	499.00	1,497.00
44	-V1_7.10.17.8_21-280 mm dia-					5	EA	876.00	4,380.00
45	-V1_7.10.18.8_21-315 mm dia-					5	EA	1,104.00	5,520.00

**NAME OF WORK Providing, Laying and Jointing and Shifting of Water line at Various Ward Under Zone 12**

S. No	Items	N	Len (M)	Wid (M)	H/D (M)	Qty	Unit	Rate (INR)	Amount (INR)
46	-V1_4.3.6_21-300mm diameter-					120	M	3,920.00	470,400.00
47	-V1_4.5.7_21-300mm diameter-					51	EA	351.00	17,901.00
48	-V1_4.7.6_21-300mm-					2	EA	2,872.00	5,744.00
49	-V1_4.9.6.16_21-300mm-					1	EA	5,355.00	5,355.00
50	-V1_4.11.6.16_21-300mm-					8	EA	6,739.00	53,912.00
51	-V1_4.13.6_21-300mm-					8	EA	9,198.00	73,584.00
52	-V1_4.15.7.16_21-300mm-					10	EA	5,893.00	58,930.00
53	-V1_4.17.7.16_21-300mm-					3	EA	4,373.00	13,119.00
54	-V1_4.23.15.16_21-300x100-					5	EA	4,554.00	22,770.00
55	-V1_4.25.17.16_21-300x100-					2	EA	4,754.00	9,508.00
56	-V1_4.27.7.16_21-300x150-					2	EA	3,488.00	6,976.00
57	-V1_14.7.6.16_21-300mm dia-					1	EA	75,799.00	75,799.00
58	-V1_3.11.7.H_21-300mm diameter-					4	EA	4,920.00	19,680.00
59	-V1_7.11.1.1_21-20mm dia-					3000	RM	38.00	114,000.00
60	-V1_7.13.1.1_21-20x15mm-					12	EA	193.00	2,316.00
61	-V1_7.13.1.2_21-25x20mm-					10	EA	253.00	2,530.00
62	-V1_7.13.2.1_21-20x15mm-					12	EA	193.00	2,316.00
63	-V1_7.13.2.2_21-25x20mm-					10	EA	251.00	2,510.00
64	-V1_7.15.6_21-300 NB x 15mm, 20mm, 25mm-					1	EA	2,377.00	2,377.00
65	-V1_18.2.8_21-Filling by available excavated earth-	1	2350	1	0.6	1410	CUM	89.00	125,490.00
66	-V1_18.15_21-Providing and laying in position-	1	1175	1	0.2	235	CUM	5,435.00	1,277,225.00
67	-V1_18.12_21-Dismantling of cement concrete pavem-	40	1.5	1.5	0.2	18	CUM	749.00	13,482.00
68	-V1_18.2.2_21-Ordinary rock-	40	1.5	1.5	1.2	108	CUM	261.00	28,188.00



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S. No	Items	N	Len (M)	Wid (M)	H/D (M)	Qty	Unit	Rate (INR)	Amount (INR)
69	-V1_18.14.5_21-Cement concrete grade M-10 (Nominal Mix)-	40	1.5	1.5	0.1	9	CUM	4,219.00	37,971.00
70	-V1_18.14.3_21-Cement concrete grade M-20 (Nominal Mix)-	40	1.5	1.5	0.1	9	CUM	5,178.00	46,602.00
71	-V2_5.2.1_21-Cement concrete grade M-20 (Nominal Mix)-	40	6	0.1	1	24	CUM	5,656.00	135,744.00
72	-V2_5.11.1_21-Mild steel and Medium Tensile steel bars-					550	KG	57.00	31,350.00
73	-V2_19.1.2_21-Walls (any thickness) including attac-					480	SQM	289.00	138,720.00
74	-V2_10.1_21-Structural steel work in single section-					8000	KG	63.00	504,000.00

**SOR Estimate Value (INR) 8,725,751.52****Percentage over estimate 18.00****Final SOR Estimate Value (INR) 10,296,386.79****ONE CRORE TWO LAKH NINETY SIX THOUSAND THREE HUNDRED EIGHTY SIX RUPEES SEVENTY NINE PAISE ONLY**Sub-Engineer  
**Bhopal Municipal Corporation**Assistant Engineer  
**Bhopal Municipal Corporation**