

**Name of work** Providing laying jointing and Commissioning of HDPE Pipe line at Palasi OHT Network Area Under Zone 17,
Bhopal Palasi OHT Network

Name of activity: Providing laying jointing and Commission 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	1728	0.8	0.2	276.480	CUM	749.00	207,083.52
2	-V1_18.2.1_21-All kinds of ordinary soil-	1	1728	0.8	0.7	967.680	CUM	151.00	146,119.68
3	-V1_18.2.2_21-Ordinary rock-	1	1728	0.8	0.2	276.480	CUM	261.00	72,161.28
4	-V1_18.3.3_21-Filling with moorum for pipe beddin-	1	1728	0.8	0.1	138.240	CUM	720.00	99,532.80
5	-V1_7.1.9.8_21-110 mm dia-					1278	RM	456.00	582,768.00
6	-V1_7.1.12.8_21-160 mm dia-					450	RM	945.00	425,250.00
7	-V1_7.4.9.8_21-110 mm dia-					25	EA	487.00	12,175.00
8	-V1_7.4.12.8_21-160 mm dia-					15	EA	1,276.00	19,140.00
9	-V1_7.2.9.8_21-110 mm dia-					30	EA	331.00	9,930.00
10	-V1_7.2.12.8_21-160 mm dia-					15	EA	985.00	14,775.00
11	-V1_14.7.2.10_21- 100mm dia-					40	EA	11,431.00	457,240.00
12	-V1_14.7.3.10_21- 150mm dia-					30	EA	17,071.00	512,130.00
13	-V1_18.2.8_21-Filling by available excavated earth-	1	1728	0.8	0.7	967.680	CUM	89.00	86,123.52
14	-V1_18.14.5_21-Cement concrete grade M-10 (Nominal Mix)-	1	1728	0.8	0.1	138.240	CUM	4,219.00	583,234.56
15	-V1_18.14.3_21-Cement concrete grade M-20 (Nominal Mix)-	1	1728	0.8	0.2	276.480	CUM	5,178.00	1,431,613.44
16	-V1_7.5.9.8_21-110 mm dia-					20	EA	246.00	4,920.00
17	-V1_7.5.12.8_21-160 mm dia-					5	EA	486.00	2,430.00
18	-V1_7.11.1.1_21-20mm dia-					2000	RM	38.00	76,000.00
19	-V1_7.12.14_21-110x20mm-					550	EA	1,137.00	625,350.00
20	-V1_18.5.1_21-1:3:6 or richer mix-	12	1.2	1.2	0.2	3.456	CUM	534.00	1,845.50



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Water Work Zone 16

ESTIMATE NO: 2025207202

Date: 31.03.2026

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Bhopal Palasi OHT Network

S. No	Items	N	Len (M)	Wid (M)	H/D (M)	Qty	Unit	Rate (INR)	Amount (INR)
21	-V1_18.2.1_21-All kinds of ordinary soil-	12	1.2	1.2	1.2	20.736	CUM	151.00	3,131.14
22	-V1_18.2.2_21-Ordinary rock-	12	1.2	1.2	0.2	3.456	CUM	261.00	902.02
23	-V2_2.18.1_21-Moorum/Hard copra-	12	1.2	1.2	0.1	1.728	CUM	478.00	825.98
24	-V1_18.14.5_21-Cement concrete grade M-10 (Nominal Mix)-	12	1.2	1.2	0.1	1.728	CUM	4,219.00	7,290.43
25	-V1_18.23.2_21-Hot rolled deformed bars-					888	KG	58.00	51,504.00
26	-V1_18.15_21-Providing and laying in position-	12	1	1	0.2	2.400	CUM	5,435.00	13,044.00
27	-V2_19.1.2_21-Walls (any thickness) including attac-					69.120	SQM	289.00	19,975.68
28	-V1_18.15_21-Providing and laying in position-	48	1.2	1.2	0.2	13.824	CUM	5,435.00	75,133.44
29	-V2_19.1.2_21-Walls (any thickness) including attac-					69.127	SQM	289.00	19,977.70
30	-V2_10.14.1.2_21-In gratings, frames, guard bar,-					3000	KG	92.00	276,000.00
31	-V1_18.2.1_21-All kinds of ordinary soil-	20	0.6	0.6	0.6	4.320	CUM	151.00	652.32
32	-V1_18.23.2_21-Hot rolled deformed bars-					1200	KG	58.00	69,600.00
33	-V1_18.15_21-Providing and laying in position-	20	0.6	0.6	0.6	4.320	CUM	5,435.00	23,479.20
34	-V2_19.1.2_21-Walls (any thickness) including attac-					28.800	SQM	289.00	8,323.20
35	-V2_1.1.V_21-5km or Part thereof-					1500	CUM	148.81	223,215.00
36	-V1_18.14.3_21-Cement concrete grade M-20 (Nominal Mix)-					221.784	CUM	5,178.00	1,148,397.55
37	-V1_7.11.1.9_21-110mm dia-					50	RM	720.00	36,000.00
38	-V1_7.11.1.7_21-75mm dia-					50	RM	335.00	16,750.00



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SOR Estimate Value (INR)	7,364,023.96
Percentage over estimate	18.00
Final SOR Estimate Value (INR)	8,689,548.27

EIGHTY SIX LAKH EIGHTY NINE THOUSAND FIVE HUNDRED FORTY EIGHT RUPEES TWENTY SEVEN PAISE ONLY

Sub-Engineer
Bhopal Municipal Corporation

Assistant Engineer
Bhopal Municipal Corporation