

AHMEDABAD MUNICIPAL CORPORATION

TENDER ESTIMATE

Name of work :- CCTV Desilting Work of Existing Drainage line and Storm Water Line at diff roads in Bopal area in s.g. highway to sp ring road in bodakdev ward NWZ.(ARC)

Item No.	Item / Description	Qty	Rate	Unit	Total
1	Temporary / Permanent Plugging for blocking of sewer line, branch connections and diversion of flows and removal of all plugs by any means etc. comp. as directed by Engineer In Charge of the work.				
(A)	300 mm dia	150.00	1250.00	No.	187500.00
(B)	450 mm dia	130.00	1500.00	No.	195000.00
(C)	600 mm dia	250.00	2500.00	No.	625000.00
(D)	800 mm dia	10.00	3000.00	No.	30000.00
(E)	900 mm dia	25.00	3600.00	No.	90000.00
(F)	1000mm dia	5.00	4150.00	No.	20750.00
(G)	1200 mm dia	10.00	5000.00	No.	50000.00
(H)	1400 mm dia	1.00	5500.00	No.	5500.00
(I)	1600 mm dia	5.00	7000.00	No.	35000.00
(J)	1800 mm dia to 2200mm Dia	2.00	7500.00	No.	15000.00
(K)	RCC Duct of any size	7.00	8000.00	No.	56000.00
2	Provide everything else required for diversion of flow by pumping and / or bypassing and to maintain the sewerage system functioning normal and managing the flow without any sur-charging, overflows etc during the De-silting/ rehabilitation works of the sewer line to the satisfaction of the Engineer in charge of the work.				
(A)	300 mm dia	796.45	100.00	RMT	79645.06
(B)	450 mm dia	690.00	150.00	RMT	103500.00
(C)	600 mm dia	390.00	250.00	RMT	97500.00
(D)	800 mm dia	50.00	300.00	RMT	15000.00
(E)	900 mm dia	380.00	450.00	RMT	171000.00
(F)	1000 mm dia	35.00	475.00	RMT	16625.00
(G)	1200 mm dia	250.00	510.00	RMT	127500.00
(H)	1400 mm dia	10.00	800.00	RMT	8000.00
(I)	1600 mm dia	50.00	1000.00	RMT	50000.00
(J)	1800 mm dia to 2200mm Dia	10.00	1100.00	RMT	11000.00
(K)	RCC Duct of any size	50.00	1200.00	RMT	60000.00
3	Loosen, de-silt and thoroughly clean and remove debris and objects such as boulders, bricks etc, bacteriological slimes, roots, encrustations, grease, carbonated deposits, etc from the sewer line including disposal of silt / debris / malba / objects etc, including solidification of silt/malba/debris for disposal to the dumping sites as per the direction of the Engineer - in - charge.				
(A)	300 mm dia				

(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	557.52	1230.00	RMT	685743.93
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	119.47	984.00	RMT	117556.10
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	119.47	615.00	RMT	73472.56
(B)	450 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	483.00	1815.00	RMT	876645.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	103.50	1452.00	RMT	150282.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	103.50	907.00	RMT	93874.50
(C)	600 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	273.00	2460.00	RMT	671580.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	58.50	1968.00	RMT	115128.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	58.50	1230.00	RMT	71955.00
(D)	800 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	35.00	3280.00	RMT	114800.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	7.50	2624.00	RMT	19680.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	7.50	1640.00	RMT	12300.00
(E)	900 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	266.00	3700.00	RMT	984200.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	57.00	2960.00	RMT	168720.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	57.00	1850.00	RMT	105450.00
(F)	1000mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	24.50	4450.00	RMT	109025.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	5.25	3560.00	RMT	18690.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	5.25	2225.00	RMT	11681.25
(G)	1200 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	175.00	5040.00	RMT	882000.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	37.50	4032.00	RMT	151200.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	37.50	2520.00	RMT	94500.00
(H)	1400 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	7.00	5880.00	RMT	41160.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	1.50	4704.00	RMT	7056.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	1.50	2940.00	RMT	4410.00
(I)	1600 mm dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	35.00	6720.00	RMT	235200.00

(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	7.50	5376.00	RMT	40320.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/ TENDER RATE	7.50	3360.00	RMT	25200.00
(J)	1800 mm dia to 2200mm Dia				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	7.00	7560.00	RMT	52920.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	1.50	6048.00	RMT	9072.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	1.50	3780.00	RMT	5670.00
(K)	RCC Duct of any size				0.00
(i)	(For Above 80% silted line) 100 % AS / TENDER RATE	35.00	8000.00	RMT	280000.00
(ii)	(For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE	7.50	6400.00	RMT	48000.00
(iii)	(For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE	7.50	4000.00	RMT	30000.00
4	Post-desilting colour CCTV/ Photographic survey including pan and Zoom inspection of laterals and defects and submission of video tapes or CD inclusive of colour photographs to the Engineer in total 2 Sets.				0.00
(A)	300mm	796.45	250.00	RMT	199112.64
(B)	450mm dia	690.00	250.00	RMT	172500.00
(C)	600mm dia	390.00	250.00	RMT	97500.00
(D)	800mm dia	50.00	250.00	RMT	12500.00
(E)	900mm dia	380.00	250.00	RMT	95000.00
(F)	1000mm dia	35.00	250.00	RMT	8750.00
(G)	1200 mm dia	250.00	250.00	RMT	62500.00
(H)	1400 mm dia	10.00	250.00	RMT	2500.00
(I)	1600 mm dia	50.00	250.00	RMT	12500.00
(J)	1800 mm dia to 2200mm Dia	10.00	250.00	RMT	2500.00
(K)	RCC Duct of any size	50.00	250.00	RMT	12500.00
5	Pre CCTV video survey/Photographic survey of the rehabilitated sewers of all sizes and submit video/photographic records in CD and still photographs taken at 10m interval in 2 Sets.	2711.45	250.00	RMT	677862.64
6	Cutting of bituminous road of DBM and Asphalt concrete of any thickness.	608.50	75.00	SMT	45637.45
7	Brick work using common burnt clay building bricks having crushing strength not less than 35kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5.(1-Cement:5-finesand) (B) Conventional (upto 10 ton)including racking out joints, curing scaffolding etc complete as directed by any height.(Bldg SOR 2015-16 Rate)	20.00	2872.00	CMT	57440.00
8	Finding & Raising buried manhole underneath road using Brick massonery with Brick Strength 35kg / quare cm and cement mortar 1:4 and CC work up to new road level as per instruction of engineer in charge	50.00	2500.00	No.	125000.00

9	Providing and fixing F.R.C. Extra Heavy Duty (EHD-35) Manhole Covers & Frames Cover : 728mm ø & 100 mm thick circular cover,35.00 MT load design, 100x2mm MS flat allround, 16mm ø plain round bar for lifting the cover & should be fitted with plastic cups. Frame : 560 mm ø clear opening, outer size- 888x888x175 mm. On the upper periphery of frame 25 x 3 mm wide MS flat should be well embed in concrete to protect the edges of frame. FRC E.H.D.-35 manhole cover & frame incl. carting to the work site etc.comp.(Based on rate of central store)	12.00	1540.00	No.	18480.00
10	Providing TMT Bar FE 415 reinforcement for R.C.C.work including bending, binding and placing inposition complete up to floor two level (upto 10 ton) including cost of steel and binding wire for reservoirs / structures only including lift up to 6 meter height or depth below G.L.for all diameter.(Bldg SOR 2015-16 Rate)	425.00	44.40	Kg.	18870.00
11	Survey to determine sewer alignment, levels, M/H positions, proximity of structures, measurement of exact length between manholes and providing two sets of autocad drawing as per instruction of Engg. incharge.(App.C.C.T.V. Disilting Tender Rate)	2711.45	7.50	Rmt	20335.88
			TOTAL RS.		9998500.00