

AHMEDABAD MUNICIPAL CORPORATION

TENDER ESTIMATE

Name of work :- CCTV Desilting Work of Existing Drainage line and Strome Water Line at diff roads in vastrapur area in 132 feet ring road to s.g. highway road area in bodakdev

| 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 | 796.16 | 100.00 | RMT | 79615.79 |
| (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 | | | | |

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| (i) | (For Above 80% silted line) 100 % AS / TENDER RATE | 557.31 | 1230.00 | RMT | 685491.93 |
| (ii) | (For 80% to 50 % Drainage silted line) 80 % AS / TENDER RATE | 119.42 | 984.00 | RMT | 117512.90 |
| (iii) | (For Less than 50% to 30 % Dr.silted line) 50 % AS/TENDER RATE | 119.42 | 615.00 | RMT | 73445.56 |
| (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 |

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| (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 | 796.16 | 250.00 | RMT | 199039.47 |
| (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. | 2711.16 | 250.00 | RMT | 677789.47 |
| 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 |

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|----|--|---------|------------------|-----|-------------------|
| 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 in position 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) | 2711.16 | 7.50 | Rmt | 20333.68 |
| | | | TOTAL RS. | | 9998000.00 |