

Name of work:- Development of Underground Sewerage Collection system for Zone 1 to 4 and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

K Sewer 9th RA (C) 1.5m MH BBM Exvn

| Date | Particulars of work   | DETAILS |         |         |       |        |        | Content of arrears | Last measurement |          | Total Up Date Quantity |
|------|---|---------|---------|---------|-------|--------|--------|--------------------|------------------|----------|------------------------|
|      |   | No      |         |         | L     | B      | D      |                    | Page             | Quantity |                        |
|      |   | GL      | IL      | EX.L    |       |        |        |                    |                  |          |                        |
|      | Item No. 30 -> Refilling the excavated trenches ...   |         |         |         |       |        |        |                    |                  |          |                        |
|      | Total Excavation=   |         |         |         |       |        |        |                    |                  |          |                        |
|      | Deduction   |         |         |         |       |        | 23.721 |                    |                  |          |                        |
|      | Brick work  | 1       |         | 0.785   | 2.280 | 2.280  | 0.501  | 2.044              |                  |          |                        |
|      |   | 1       |         | 0.785   | 1.540 | 1.540  | 2.000  | 3.723              |                  |          |                        |
|      | PCC   | 1       |         | 0.785   | 2.580 | 2.580  | 0.250  | 1.306              |                  |          |                        |
|      | Soiling   | 1       |         | 0.785   | 2.580 | 2.580  | 0.200  | 1.045              |                  |          |                        |
|      |   |         |         |         |       |        |        | 8.119              |                  |          |                        |
|      |   |         |         |         |       |        |        | 15.602             |                  |          |                        |
|      | <b>K 114.13.6</b>   | 574.001 | 571.001 | 570.551 |       |        | 3.450  |                    | 1154.653         | 1170.251 |                        |
|      | Item No. 1 -> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |         |         |         |       |        |        |                    |                  |          |                        |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 10.240 | 1.200  | 9.646              | 509.127          | 518.773  |                        |
|      | Item No. 2 -> Excavation for foundation/pipe trenches in Hard murrum etc complete.              |         |         |         |       |        |        |                    |                  |          |                        |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 10.240 | 0.150  | 1.206              | 130.456          | 131.662  |                        |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 10.240 | 1.000  | 8.038              | 386.283          | 394.322  |                        |
|      | Item No. 4 -> Excavation for foundation/pipe trenches in soft rock etc complete.                |         |         |         |       |        |        |                    |                  |          |                        |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 10.240 | 0.150  | 1.206              | 47.471           | 48.676   |                        |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 10.240 | 0.500  | 4.019              | 13.542           | 17.561   |                        |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |         | 0.785 | 10.240 | 0.450  | 3.617              | 22.909           | 26.527   |                        |
|      | Item No. : 11 Transportation of earth Transportation charges                                    |         |         |         |       |        |        | 10.156             | 739.618          | 749.773  |                        |
|      | Item No. 30 -> Refilling the excavated trenches ...   |         |         |         |       |        |        |                    |                  |          |                        |
|      | Total Excavation=   |         |         |         |       |        |        |                    |                  |          |                        |
|      | Deduction   |         |         |         |       |        |        | 27.732             |                  |          |                        |
|      | Brick work  | 1       |         | 0.785   | 2.280 | 2.280  | 1.000  | 4.081              |                  |          |                        |
|      |   | 1       |         | 0.785   | 1.540 | 1.540  | 2.000  | 3.723              |                  |          |                        |
|      | PCC   | 1       |         | 0.785   | 2.580 | 2.580  | 0.250  | 1.306              |                  |          |                        |
|      | Soiling   | 1       |         | 0.785   | 2.580 | 2.580  | 0.200  | 1.045              |                  |          |                        |
|      |   |         |         |         |       |        |        | 10.156             |                  |          |                        |
|      |   |         |         |         |       |        |        | 17.577             |                  |          |                        |
|      | <b>K 114.13.7</b>   | 573.426 | 571.026 | 570.676 |       |        | 3.250  |                    | 1170.255         | 1187.832 |                        |
|      | Item No. 1 -> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |         |         |         |       |        |        |                    |                  |          |                        |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 10.240 | 1.200  | 9.646              | 518.773          | 528.419  |                        |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 10.240 | 0.000  | 0.000              | 229.915          | 229.915  |                        |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |         | 0.785 | 10.240 | 0.000  | 0.000              | 58.575           | 58.575   |                        |
|      | Item No. 2 -> Excavation for foundation/pipe trenches in Hard murrum etc complete.              |         |         |         |       |        |        |                    |                  |          |                        |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 10.240 | 0.150  | 1.206              | 131.662          | 132.868  |                        |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 10.240 | 1.000  | 8.038              | 394.322          | 402.360  |                        |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |         | 0.785 | 10.240 | 0.000  | 0.000              | 344.404          | 344.404  |                        |
|      | (d) For Lift 4.5m to 6.0m   | 1       |         |         | 0.785 | 10.240 | 0.000  | 0.000              | 119.282          | 119.282  |                        |
|      | Extra item- For Lift 6.0m to 7.5m   | 1       |         |         | 0.785 | 10.240 | 0.000  | 0.000              | 13.384           | 13.384   |                        |
|      | Item No. 4 -> Excavation for foundation/pipe trenches in soft rock etc complete.                |         |         |         |       |        |        |                    |                  |          |                        |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 10.240 | 0.150  | 1.206              | 48.676           | 49.882   |                        |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 10.240 | 0.500  | 4.019              | 17.561           | 21.580   |                        |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |         | 0.785 | 10.240 | 0.250  | 2.010              | 26.527           | 28.536   |                        |
|      | (d) For Lift 4.5m to 6.0m   | 1       |         |         | 0.785 | 10.240 | 0.000  | 0.000              | 11.696           | 11.696   |                        |



12

Name of work:- Devlopment of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakhshrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakhshrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01.07.2014

| Date | Particulars of work  | DETAILS |    |     |       |        | Content of arrears | Last measurement |          | Total Upto Date Quantity |          |
|------|--|---------|----|-----|-------|--------|--------------------|------------------|----------|--------------------------|----------|
|      |  | GL      | No |     | L     | B      |                    | D                | Page     |                          | Quantity |
|      |  |         | IL | EXL |       |        |                    |                  |          |                          |          |
|      | ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete |         |    |     |       |        |                    |                  |          |                          |          |
|      | (c) For Lift 3.0m to 4.5m  | 1       |    |     | 0.785 | 10.240 | 0.000              |                  | 7.596    | 7.596                    |          |
|      | (d) For Lift 4.5m to 6.0m  | 1       |    |     | 0.785 | 10.240 | 0.000              |                  | 15.233   | 15.233                   |          |
|      | Item No. : 11 Transportation of earth Transportation charges                                 |         |    |     |       |        | 9.339              |                  | 749.773  | 759.113                  |          |
|      | Item No. 30 :- Refilling the excavated trenches ...  |         |    |     |       |        |                    |                  |          |                          |          |
|      | <b>Total Excavation=</b>   |         |    |     |       |        | 26.125             |                  |          |                          |          |
|      | <b>Deduction</b>   |         |    |     |       |        |                    |                  |          |                          |          |
|      | Brick work   | 1       |    |     | 0.785 | 2.280  | 2.280              | 0.800            | 3.265    |                          |          |
|      | PCC  | 1       |    |     | 0.785 | 1.540  | 1.540              | 2.000            | 3.723    |                          |          |
|      | Soling   | 1       |    |     | 0.785 | 2.580  | 2.580              | 0.250            | 1.306    |                          |          |
|      |  |         |    |     | 0.785 | 2.580  | 2.580              | 0.200            | 1.045    |                          |          |
|      |  |         |    |     |       |        | 9.339              |                  |          |                          |          |
|      |  |         |    |     |       |        | 16.785             |                  | 1187.832 | 1204.617                 |          |
|      |  |         |    |     |       |        |                    |                  |          |                          |          |



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K Sewer 9th RA (C) 2m MH Excavation

**Main Sewer K**

**9<sup>th</sup> RA BILL MEASUREMENTS (Excavation of Manhole)**

| Date | Particulars of work  | DETAILS |         |         |       |        |       |        | Content of arrears | Last measurement |          | Total U Date Quanti |
|------|--|---------|---------|---------|-------|--------|-------|--------|--------------------|------------------|----------|---------------------|
|      |  | No      |         |         | L     | B      | D     | Page   |                    | Quantity         |          |                     |
|      |  | GL      | IL      | EX.L    |       |        |       |        |                    |                  |          |                     |
|      | <b>k 700 mm - DARGA CHAUK TO SUTGIRANI</b>   |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | Excavation of Chamber -<br>For 2.0m dia Manhole (upto a depth of 5.0m to 9.0m)-<br>2.0+0.45+0.45+0.5+0.5=3.90m |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | Breadth for Manhole=3.9*3.9=15.21m   |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | <b>K 117</b>   |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.                | 571.020 | 565.960 | 565.460 |       |        | 5.560 |        |                    |                  |          |                     |
|      | (a) For Lift 0 to 1.5m   | 1       |         |         | 0.785 | 15.210 | 0.850 | 10.149 |                    | 528.419          | 538.56   |                     |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.                             |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | (a) For Lift 0 to 1.5m   | 1       |         |         | 0.785 | 15.210 | 0.500 | 5.970  |                    | 132.868          | 138.831  |                     |
|      | (b) For Lift 1.5m to 3.0m  | 1       |         |         | 0.785 | 15.210 | 1.500 | 17.910 |                    | 402.360          | 420.270  |                     |
|      | (c) For Lift 3.0m to 4.5m  | 1       |         |         | 0.785 | 15.210 | 1.500 | 17.910 |                    | 344.404          | 362.314  |                     |
|      | (d) For Lift 4.5m to 6.0m  | 1       |         |         | 0.785 | 15.210 | 1.060 | 12.656 |                    | 119.282          | 131.938  |                     |
|      | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.                               |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | (a) For Lift 0 to 1.5m   | 1       |         |         | 0.785 | 15.210 | 0.150 | 1.791  |                    | 49.882           | 51.673   |                     |
|      | Item No. : 11 Transportation of earth Transportation charges   |         |         |         |       |        |       | 21.648 |                    | 759.113          | 780.761  |                     |
|      | Item No. 30 :- Refilling the excavated trenches -  |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | Total Excavation:-   |         |         |         |       |        |       | 66.386 |                    |                  |          |                     |
|      | Deduction  |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | Brick work   | 1       |         |         | 0.785 | 2.980  | 2.980 | 1.060  | 7.389              |                  |          |                     |
|      |  | 1       |         |         | 0.785 | 2.780  | 2.780 | 2.000  | 12.134             |                  |          |                     |
|      |  | 1       |         |         | 0.785 | 1.790  | 1.790 | 2.000  | 5.030              |                  |          |                     |
|      |  | 1       |         |         | 0.785 | 3.380  | 3.380 | 0.300  | 2.690              |                  |          |                     |
|      |  | 1       |         |         | 0.785 | 3.380  | 3.380 | 0.200  | 1.794              |                  |          |                     |
|      | <b>K 118</b>   |         |         |         |       |        |       | 21.648 |                    |                  |          |                     |
|      |  | 571.245 | 567.130 | 566.630 |       |        |       | 44.737 |                    | 1204.617         | 1249.355 |                     |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.                |         |         |         |       |        | 5.665 |        |                    |                  |          |                     |
|      | (a) For Lift 0 to 1.5m   | 1       |         |         | 0.785 | 15.210 | 0.800 | 9.552  |                    | 538.568          | 548.120  |                     |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.                             |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | (a) For Lift 0 to 1.5m   | 1       |         |         | 0.785 | 15.210 | 0.600 | 7.164  |                    | 138.838          | 146.002  |                     |
|      | (b) For Lift 1.5m to 3.0m  | 1       |         |         | 0.785 | 15.210 | 0.300 | 3.582  |                    | 420.270          | 423.852  |                     |
|      | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.                               |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | (a) For Lift 0 to 1.5m   | 1       |         |         | 0.785 | 15.210 | 0.100 | 1.194  |                    | 51.673           | 52.867   |                     |
|      | (b) For Lift 1.5m to 3.0m  | 1       |         |         | 0.785 | 15.210 | 1.200 | 14.328 |                    | 21.580           | 35.908   |                     |
|      | (c) For Lift 3.0m to 4.5m  | 1       |         |         | 0.785 | 15.210 | 0.200 | 2.388  |                    | 28.536           | 30.924   |                     |
|      | ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete                   |         |         |         |       |        |       |        |                    |                  |          |                     |
|      | (c) For Lift 3.0m to 4.5m  | 1       |         |         | 0.785 | 15.210 | 1.300 | 15.522 |                    | 7.596            | 23.117   |                     |



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K Sewer 9th RA (C) RCC 1.5m MH  
**9th R A BILL MEASUREMENTS**

**Sewer K**

| Date | Particulars of work   | DETAILS |         |         |       |       |       | Content of arrears | Last measurement |                 | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|-------|--------------------|------------------|-----------------|--------------------------|
|      |   | No      |         |         | L     | B     | D     |                    | Page             | Quantity        |                          |
|      |   | GL      | IL      | EX.L    |       |       |       |                    |                  |                 |                          |
|      | <b>Easy Day Mall to Sambaji Nagar 600mm Dia. Branch Line</b>  |         |         |         |       |       |       |                    |                  |                 |                          |
|      | Excavation of Chamber -<br>For RCC 1.50m dia Manhole -<br>1.50+0.2+0.2+0.5+0.5=2.90m                  |         |         |         |       |       |       |                    |                  |                 |                          |
|      | Breadth for Manhole=2.90*2.90=8.41m   |         |         |         |       |       |       |                    |                  |                 |                          |
|      | <b>K 114. 11</b>  | 568.980 | 566.046 | 565.696 |       |       |       |                    |                  | 3.284           |                          |
|      | Item No. 1 :- Excavation for<br>foundation/pipe trenches in earth soils,<br>Soft murrum etc complete. |         |         |         |       |       |       |                    |                  |                 |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 8.410 | 1.500 | 9.903              |                  | 553.493         | 563.396                  |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 8.410 | 0.590 | 3.895              |                  | 241.855         | 245.750                  |
|      | Item No. 2 :- Excavation for<br>foundation/pipe trenches in Hard<br>murrum etc complete.              |         |         |         |       |       |       |                    |                  |                 |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 8.410 | 0.910 | 6.008              |                  | 429.822         | 435.830                  |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |         | 0.785 | 8.410 | 0.284 | 1.875              |                  | 371.746         | 373.621                  |
|      | Item No. : 11 Transportation of earth<br>Transportation charges including                             |         |         |         |       |       |       | 9.843              |                  | 824.057         | 833.900                  |
|      | Item No. 30 :- Refilling the excavated<br>trenches ...  |         |         |         |       |       |       |                    |                  |                 |                          |
|      | <b>Total Excavation=</b>  |         |         |         |       |       |       | <b>21.680</b>      |                  |                 |                          |
|      | <b>Deduction</b>  |         |         |         |       |       |       |                    |                  |                 |                          |
|      | Wall  | 1       |         | 0.785   | 1.900 | 1.900 | 2.934 | 8.315              |                  |                 |                          |
|      | Raft  | 1       |         | 0.785   | 2.300 | 2.300 | 0.250 | 1.038              |                  |                 |                          |
|      | PCC   | 1       |         | 0.785   | 2.500 | 2.500 | 0.100 | 0.491              |                  |                 |                          |
|      |   |         |         |         |       |       |       | <b>9.843</b>       |                  |                 |                          |
|      | <b>Net Qty = A - B</b>  |         |         |         |       |       |       | <b>11.837</b>      |                  | <b>1343.725</b> | <b>1355.562</b>          |
|      | <b>K 114. 12</b>  | 569.240 | 566.348 | 565.998 |       |       |       |                    |                  | 3.242           |                          |
|      | Item No. 1 :- Excavation for<br>foundation/pipe trenches in earth soils,<br>Soft murrum etc complete. |         |         |         |       |       |       |                    |                  |                 |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 8.410 | 1.500 | 9.903              |                  | 563.396         | 573.299                  |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 245.750         | 249.051                  |
|      | Item No. 2 :- Excavation for<br>foundation/pipe trenches in Hard<br>murrum etc complete.              |         |         |         |       |       |       |                    |                  |                 |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |         | 0.785 | 8.410 | 1.000 | 6.602              |                  | 435.830         | 442.431                  |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |         | 0.785 | 8.410 | 0.242 | 1.598              |                  | 373.621         | 375.219                  |
|      | Item No. : 11 Transportation of earth<br>Transportation charges including                             |         |         |         |       |       |       | 9.724              |                  | 833.900         | 843.625                  |
|      | Item No. 30 :- Refilling the excavated<br>trenches ...  |         |         |         |       |       |       |                    |                  |                 |                          |
|      | <b>Total Excavation=</b>  |         |         |         |       |       |       | <b>21.403</b>      |                  |                 |                          |
|      | <b>Deduction</b>  |         |         |         |       |       |       |                    |                  |                 |                          |
|      | Wall  | 1       |         | 0.785   | 1.900 | 1.900 | 2.892 | 8.195              |                  |                 |                          |
|      | Raft  | 1       |         | 0.785   | 2.300 | 2.300 | 0.250 | 1.038              |                  |                 |                          |
|      | PCC   | 1       |         | 0.785   | 2.500 | 2.500 | 0.100 | 0.491              |                  |                 |                          |
|      |   |         |         |         |       |       |       | <b>9.724</b>       |                  |                 |                          |
|      | <b>Net Qty = A - B</b>  |         |         |         |       |       |       | <b>11.679</b>      |                  | <b>1355.562</b> | <b>1367.241</b>          |
|      | <b>K 114. 13</b>  | 570.035 | 567.335 | 566.985 |       |       |       |                    |                  | 3.050           |                          |
|      | Item No. 1 :- Excavation for<br>foundation/pipe trenches in earth soils,<br>Soft murrum etc complete. |         |         |         |       |       |       |                    |                  |                 |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 573.299         | 576.600                  |
|      | Item No. 2 :- Excavation for<br>foundation/pipe trenches in Hard<br>murrum etc complete.              |         |         |         |       |       |       |                    |                  |                 |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 156.747         | 160.048                  |



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| Date | Particulars of work  | K Sewer 9th BA (C) RCC 1.5m MH<br>DETAILS |                |                |       |       |              | Content of arrears     | Last measurement |                 | Total Up to Date Quantity |
|------|--|---|----------------|----------------|-------|-------|--------------|------------------------|------------------|-----------------|---------------------------|
|      |  | No  |                |                | L     | B     | D            |                        | Page             | Quantity        |                           |
|      |  | GL  | IL             | EX.L           |       |       |              |                        |                  |                 |                           |
|      | <b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.                |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (a) For Lift 0 to 1.5m   | 1   |                |                | 0.785 | 8.410 | 0.500        | 3.301                  |                  | 54.658          | 57.959                    |
|      | (b) For Lift 1.5m to 3.0m  | 1   |                |                | 0.785 | 8.410 | 1.500        | 9.903                  |                  | 35.908          | 45.811                    |
|      | (c) For Lift 3.0m to 4.5m  | 1   |                |                | 0.785 | 8.410 | 0.050        | 0.330                  |                  | 34.506          | 34.836                    |
|      | <b>Item No. : 11</b> Transportation of earth Transportation charges including                          |   |                |                |       |       |              | 9.180                  |                  | 843.625         | 852.805                   |
|      | <b>Item No. 30 :-</b> Refilling the excavated trenches ...   |   |                |                |       |       |              |                        |                  |                 |                           |
|      | <b>Total Excavation=</b>   |   |                |                |       |       |              | <b>20.136</b>          |                  |                 |                           |
|      | <b>Deduction</b>   |   |                |                |       |       |              |                        |                  |                 |                           |
|      | Wall   | 1   |                |                | 0.785 | 1.900 | 1.900        | 2.700                  | 7.651            |                 |                           |
|      | Raft   | 1   |                |                | 0.785 | 2.300 | 2.300        | 0.250                  | 1.038            |                 |                           |
|      | PCC  | 1   |                |                | 0.785 | 2.500 | 2.500        | 0.100                  | 0.491            |                 |                           |
|      |  |   |                |                |       |       |              | 9.180                  |                  |                 |                           |
|      |  |   |                |                |       |       |              | <b>Net Qty = A - B</b> | <b>10.955</b>    | <b>1367.241</b> | <b>1378.196</b>           |
|      | <b>K 114. 18</b>   | <b>572.660</b>                            | <b>568.532</b> | <b>568.182</b> |       |       | <b>4.478</b> |                        |                  |                 |                           |
|      | <b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (a) For Lift 0 to 1.5m   | 1   |                |                | 0.785 | 8.410 | 1.500        | 9.903                  |                  | 576.600         | 586.502                   |
|      | (b) For Lift 1.5m to 3.0m  | 1   |                |                | 0.785 | 8.410 | 1.360        | 8.979                  |                  | 249.051         | 258.029                   |
|      | <b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.              |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (b) For Lift 1.5m to 3.0m  | 1   |                |                | 0.785 | 8.410 | 0.140        | 0.924                  |                  | 442.431         | 443.356                   |
|      | (c) For Lift 3.0m to 4.5m  | 1   |                |                | 0.785 | 8.410 | 0.260        | 1.716                  |                  | 375.219         | 376.935                   |
|      | <b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.                |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (c) For Lift 3.0m to 4.5m  | 1   |                |                | 0.785 | 8.410 | 1.220        | 8.054                  |                  | 34.836          | 42.891                    |
|      | <b>Item No. : 11</b> Transportation of earth Transportation charges including                          |   |                |                |       |       |              | 13.227                 |                  | 852.805         | 866.032                   |
|      | <b>Item No. 30 :-</b> Refilling the excavated trenches ...   |   |                |                |       |       |              |                        |                  |                 |                           |
|      | <b>Total Excavation=</b>   |   |                |                |       |       |              | <b>29.576</b>          |                  |                 |                           |
|      | <b>Deduction</b>   |   |                |                |       |       |              |                        |                  |                 |                           |
|      | Wall   | 1   |                |                | 0.785 | 1.900 | 1.900        | 4.128                  | 11.698           |                 |                           |
|      | Raft   | 1   |                |                | 0.785 | 2.300 | 2.300        | 0.250                  | 1.038            |                 |                           |
|      | PCC  | 1   |                |                | 0.785 | 2.500 | 2.500        | 0.100                  | 0.491            |                 |                           |
|      |  |   |                |                |       |       |              | 13.227                 |                  |                 |                           |
|      |  |   |                |                |       |       |              | <b>Net Qty = A - B</b> | <b>16.349</b>    | <b>1378.196</b> | <b>1394.546</b>           |
|      | <b>K 114. 19</b>   | <b>571.800</b>                            | <b>568.848</b> | <b>568.498</b> |       |       | <b>3.302</b> |                        |                  |                 |                           |
|      | <b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (a) For Lift 0 to 1.5m   | 1   |                |                | 0.785 | 8.410 | 1.500        | 9.903                  |                  | 586.502         | 596.405                   |
|      | (b) For Lift 1.5m to 3.0m  | 1   |                |                | 0.785 | 8.410 | 1.250        | 8.252                  |                  | 258.029         | 266.282                   |
|      | <b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.              |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (b) For Lift 1.5m to 3.0m  | 1   |                |                | 0.785 | 8.410 | 0.250        | 1.650                  |                  | 443.356         | 445.006                   |
|      | <b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.                |   |                |                |       |       |              |                        |                  |                 |                           |
|      | (c) For Lift 3.0m to 4.5m  | 1   |                |                | 0.785 | 8.410 | 0.302        | 1.994                  |                  | 42.891          | 44.884                    |
|      | <b>Item No. : 11</b> Transportation of earth Transportation charges including                          |   |                |                |       |       |              | 9.894                  |                  | 866.032         | 875.926                   |
|      | <b>Item No. 30 :-</b> Refilling the excavated trenches ...   |   |                |                |       |       |              |                        |                  |                 |                           |
|      | <b>Total Excavation=</b>   |   |                |                |       |       |              | <b>21.799</b>          |                  |                 |                           |



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| Date | Particulars of work   | DETAILS         |         |         |       |       |       | Content of arrears | Last measurement |          | Total Upto Date Quantity |
|------|---|-----------------|---------|---------|-------|-------|-------|--------------------|------------------|----------|--------------------------|
|      |   | No              |         |         | L     | B     | D     |                    | Page             | Quantity |                          |
|      |   | GL              | IL      | EX.L    |       |       |       |                    |                  |          |                          |
|      | Deduction   |                 |         |         |       |       |       |                    |                  |          |                          |
|      | Wall  | 1               |         | 0.785   | 1.900 | 1.900 | 2.952 | 8.366              |                  |          |                          |
|      | Raft  | 1               |         | 0.785   | 2.300 | 2.300 | 0.250 | 1.038              |                  |          |                          |
|      | PCC   | 1               |         | 0.785   | 2.500 | 2.500 | 0.100 | 0.491              |                  |          |                          |
|      |   |                 |         |         |       |       |       | 9.894              |                  |          |                          |
|      |   | Net Qty = A - B |         |         |       |       |       | 11.905             | 1394.546         | 1406.451 |                          |
|      | <b>K 114.20</b>   | 572.460         | 569.211 | 568.861 |       |       | 3.599 |                    |                  |          |                          |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |                 |         |         |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1               |         |         | 0.785 | 8.410 | 1.500 | 9.903              | 596.405          | 606.308  |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1               |         |         | 0.785 | 8.410 | 0.440 | 2.905              | 266.282          | 269.186  |                          |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |                 |         |         |       |       |       |                    |                  |          |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1               |         |         | 0.785 | 8.410 | 0.400 | 2.641              | 445.006          | 447.647  |                          |
|      | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.                |                 |         |         |       |       |       |                    |                  |          |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1               |         |         | 0.785 | 8.410 | 0.660 | 4.357              | 45.811           | 50.168   |                          |
|      | (c) For Lift 3.0m to 4.5m   | 1               |         |         | 0.785 | 8.410 | 0.600 | 3.961              | 44.884           | 48.845   |                          |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |                 |         |         |       |       |       | 10.736             | 875.926          | 886.662  |                          |
|      | Item No. 30 :- Refilling the excavated trenches ...   |                 |         |         |       |       |       |                    |                  |          |                          |
|      | Total Excavation=   |                 |         |         |       |       |       | 23.767             |                  |          |                          |
|      | Deduction   |                 |         |         |       |       |       |                    |                  |          |                          |
|      | Wall  | 1               |         | 0.785   | 1.900 | 1.900 | 3.249 | 9.207              |                  |          |                          |
|      | Raft  | 1               |         | 0.785   | 2.300 | 2.300 | 0.250 | 1.038              |                  |          |                          |
|      | PCC   | 1               |         | 0.785   | 2.500 | 2.500 | 0.100 | 0.491              |                  |          |                          |
|      |   |                 |         |         |       |       |       | 10.736             |                  |          |                          |
|      |   | Net Qty = A - B |         |         |       |       |       | 13.031             | 1406.451         | 1419.481 |                          |
|      | <b>K 114.21</b>   | 572.070         | 569.355 | 569.005 |       |       | 3.065 |                    |                  |          |                          |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |                 |         |         |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1               |         |         | 0.785 | 8.410 | 1.500 | 9.903              | 606.308          | 616.211  |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1               |         |         | 0.785 | 8.410 | 0.400 | 2.641              | 269.186          | 271.827  |                          |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |                 |         |         |       |       |       |                    |                  |          |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1               |         |         | 0.785 | 8.410 | 0.600 | 3.961              | 447.647          | 451.608  |                          |
|      | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.                |                 |         |         |       |       |       |                    |                  |          |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1               |         |         | 0.785 | 8.410 | 0.500 | 3.301              | 50.168           | 53.469   |                          |
|      | (c) For Lift 3.0m to 4.5m   | 1               |         |         | 0.785 | 8.410 | 0.065 | 0.429              | 48.845           | 49.275   |                          |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |                 |         |         |       |       |       | 9.223              | 886.662          | 895.885  |                          |
|      | Item No. 30 :- Refilling the excavated trenches ...   |                 |         |         |       |       |       |                    |                  |          |                          |
|      | Total Excavation=   |                 |         |         |       |       |       | 20.235             |                  |          |                          |
|      | Deduction   |                 |         |         |       |       |       |                    |                  |          |                          |
|      | Wall  | 1               |         | 0.785   | 1.900 | 1.900 | 2.715 | 7.694              |                  |          |                          |
|      | Raft  | 1               |         | 0.785   | 2.300 | 2.300 | 0.250 | 1.038              |                  |          |                          |
|      | PCC   | 1               |         | 0.785   | 2.500 | 2.500 | 0.100 | 0.491              |                  |          |                          |
|      |   |                 |         |         |       |       |       | 9.223              |                  |          |                          |
|      |   | Net Qty = A - B |         |         |       |       |       | 11.012             | 1419.481         | 1430.493 |                          |
|      | <b>K 114.26</b>   | 572.375         | 569.457 | 569.107 |       |       | 3.268 |                    |                  |          |                          |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |                 |         |         |       |       |       |                    |                  |          |                          |



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| Date | Particulars of work   | K Sewer 9th BA (C) RCC 1.5m MH |         |         |       |       |       | Content of arrears | Last measurement |          | Total U Date Quant |
|------|---|--------------------------------|---------|---------|-------|-------|-------|--------------------|------------------|----------|--------------------|
|      |   | DETAILS                        |         |         |       |       |       |                    | Page             | Quantity |                    |
|      |   | GL                             | No IL   | EX.L    | L     | B     | D     |                    |                  |          |                    |
|      | ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete    |                                |         |         |       |       |       |                    |                  |          |                    |
|      | (b) For Lift 1.5m to 3.0m   | 1                              |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 0.000    | 3.                 |
|      | (c) For Lift 3.0m to 4.5m   | 1                              |         |         | 0.785 | 8.410 | 1.500 | 9.903              |                  | 28.013   | 37.                |
|      | (d) For Lift 4.5m to 6.0m   | 1                              |         |         | 0.785 | 8.410 | 1.350 | 8.912              |                  | 50.590   | 59.                |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |                                |         |         |       |       |       | 17.115             |                  | 919.394  | 936.               |
|      | Item No. 30 :- Refilling the excavated trenches   |                                |         |         |       |       |       |                    |                  |          |                    |
|      | Total Excavation=   |                                |         |         |       |       |       | 38.621             |                  |          |                    |
|      | Deduction   |                                |         |         |       |       |       |                    |                  |          |                    |
|      | Wall  | 1                              |         |         | 0.785 | 1.900 | 1.900 | 5.500              | 15.586           |          |                    |
|      | Raft  | 1                              |         |         | 0.785 | 2.300 | 2.300 | 0.250              | 1.038            |          |                    |
|      | PCC   | 1                              |         |         | 0.785 | 2.500 | 2.500 | 0.100              | 0.491            |          |                    |
|      |   |                                |         |         |       |       |       | 17.115             |                  |          |                    |
|      |   |                                |         |         |       |       |       | 21.506             |                  | 1459.257 | 1480.              |
|      | K 114.29  | 574.975                        | 570.487 | 570.137 |       |       | 4.838 |                    |                  |          |                    |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |                                |         |         |       |       |       |                    |                  |          |                    |
|      | (a) For Lift 0 to 1.5m  | 1                              |         |         | 0.785 | 8.410 | 1.000 | 6.602              |                  | 166.650  | 173.2              |
|      | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.                |                                |         |         |       |       |       |                    |                  |          |                    |
|      | (a) For Lift 0 to 1.5m  | 1                              |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 61.260   | 64.5               |
|      | (b) For Lift 1.5m to 3.0m   | 1                              |         |         | 0.785 | 8.410 | 1.000 | 6.602              |                  | 62.533   | 69.1               |
|      | ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete    |                                |         |         |       |       |       |                    |                  |          |                    |
|      | (b) For Lift 1.5m to 3.0m   | 1                              |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 3.301    | 6.6                |
|      | (c) For Lift 3.0m to 4.5m   | 1                              |         |         | 0.785 | 8.410 | 1.500 | 9.903              |                  | 37.915   | 47.8               |
|      | (d) For Lift 4.5m to 6.0m   | 1                              |         |         | 0.785 | 8.410 | 0.340 | 2.245              |                  | 59.503   | 61.7               |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |                                |         |         |       |       |       | 14.247             |                  | 936.509  | 950.7              |
|      | Item No. 30 :- Refilling the excavated trenches   |                                |         |         |       |       |       |                    |                  |          |                    |
|      | Total Excavation=   |                                |         |         |       |       |       | 31.953             |                  |          |                    |
|      | Deduction   |                                |         |         |       |       |       |                    |                  |          |                    |
|      | Wall  | 1                              |         |         | 0.785 | 1.900 | 1.900 | 4.488              | 12.718           |          |                    |
|      | Raft  | 1                              |         |         | 0.785 | 2.300 | 2.300 | 0.250              | 1.038            |          |                    |
|      | PCC   | 1                              |         |         | 0.785 | 2.500 | 2.500 | 0.100              | 0.491            |          |                    |
|      |   |                                |         |         |       |       |       | 14.247             |                  |          |                    |
|      |   |                                |         |         |       |       |       | 17.706             |                  | 1480.763 | 1498.46            |
|      | K 114.15, 12  | 579.239                        | 577.889 | 577.539 |       |       | 1.700 |                    |                  |          |                    |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |                                |         |         |       |       |       |                    |                  |          |                    |
|      | (a) For Lift 0 to 1.5m  | 1                              |         |         | 0.785 | 8.410 | 1.000 | 6.602              |                  | 636.016  | 642.61             |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |                                |         |         |       |       |       |                    |                  |          |                    |
|      | (a) For Lift 0 to 1.5m  | 1                              |         |         | 0.785 | 8.410 | 0.500 | 3.301              |                  | 173.252  | 176.55             |
|      | (b) For Lift 1.5m to 3.0m   | 1                              |         |         | 0.785 | 8.410 | 0.200 | 1.320              |                  | 465.472  | 466.79             |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |                                |         |         |       |       |       | 5.354              |                  | 950.756  | 956.11             |
|      | Item No. 30 :- Refilling the excavated trenches   |                                |         |         |       |       |       |                    |                  |          |                    |
|      | Total Excavation=   |                                |         |         |       |       |       | 11.223             |                  |          |                    |
|      | Deduction   |                                |         |         |       |       |       |                    |                  |          |                    |
|      | Wall  | 1                              |         |         | 0.785 | 1.900 | 1.900 | 1.350              | 3.826            |          |                    |
|      | Raft  | 1                              |         |         | 0.785 | 2.300 | 2.300 | 0.250              | 1.038            |          |                    |



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Name of work:- Development of Underground Sewerage Collection system for Zone 1 to V1 and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewerage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

| Date | Particulars of work   | DETAILS |         |                 |       |       |       | Content of arrears | Last measurement |          | Total Upto Date Quantity |
|------|---|---------|---------|-----------------|-------|-------|-------|--------------------|------------------|----------|--------------------------|
|      |   | No      |         |                 | L     | B     | D     |                    | Page             | Quantity |                          |
|      |   | GL      | IL      | EX.L            |       |       |       |                    |                  |          |                          |
|      | PCC   | 1       |         | 0.785           | 2.500 | 2.500 | 0.100 | 0.491              |                  |          |                          |
|      |   |         |         |                 |       |       |       | 5.354              |                  |          |                          |
|      |   |         |         | Net Qty = A - B |       |       |       | 5.869              | 1498.469         | 1504.338 |                          |
|      | <b>K 114.15. 17</b>   | 580.031 | 578.481 | 578.131         |       |       | 1.900 |                    |                  |          |                          |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |         |         |                 |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |                 | 0.785 | 8.410 | 1.000 | 6.602              | 642.618          | 649.220  |                          |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |         |         |                 |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |                 | 0.785 | 8.410 | 0.500 | 3.301              | 176.553          | 179.854  |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |                 | 0.785 | 8.410 | 0.400 | 2.641              | 466.792          | 469.433  |                          |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |         |         |                 |       |       |       | 5.921              | 956.111          | 962.032  |                          |
|      | Item No. 30 :- Refilling the excavated trenches ...   |         |         |                 |       |       |       |                    |                  |          |                          |
|      | <b>Total Excavation=</b>  |         |         |                 |       |       |       | 12.544             |                  |          |                          |
|      | <b>Deduction</b>  |         |         |                 |       |       |       |                    |                  |          |                          |
|      | Wall  | 1       |         | 0.785           | 1.900 | 1.900 | 1.550 | 4.392              |                  |          |                          |
|      | Raft  | 1       |         | 0.785           | 2.300 | 2.300 | 0.250 | 1.038              |                  |          |                          |
|      | PCC   | 1       |         | 0.785           | 2.500 | 2.500 | 0.100 | 0.491              |                  |          |                          |
|      |   |         |         |                 |       |       |       | 5.921              |                  |          |                          |
|      |   |         |         | Net Qty = A - B |       |       |       | 6.622              | 1504.338         | 1510.960 |                          |
|      | <b>K 114.15. 18</b>   | 580.749 | 579.699 | 579.349         |       |       | 1.400 |                    |                  |          |                          |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |         |         |                 |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |                 | 0.785 | 8.410 | 1.000 | 6.602              | 649.220          | 655.822  |                          |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |         |         |                 |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |                 | 0.785 | 8.410 | 0.400 | 2.641              | 179.854          | 182.495  |                          |
|      | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.                |         |         |                 |       |       |       |                    |                  |          |                          |
|      | Item No. : 11 Transportation of earth Transportation charges including                          |         |         |                 |       |       |       | 4.504              | 962.032          | 966.536  |                          |
|      | Item No. 30 :- Refilling the excavated trenches ...   |         |         |                 |       |       |       |                    |                  |          |                          |
|      | <b>Total Excavation=</b>  |         |         |                 |       |       |       | 9.243              |                  |          |                          |
|      | <b>Deduction</b>  |         |         |                 |       |       |       |                    |                  |          |                          |
|      | Wall  | 1       |         | 0.785           | 1.900 | 1.900 | 1.050 | 2.976              |                  |          |                          |
|      | Raft  | 1       |         | 0.785           | 2.300 | 2.300 | 0.250 | 1.038              |                  |          |                          |
|      | PCC   | 1       |         | 0.785           | 2.500 | 2.500 | 0.100 | 0.491              |                  |          |                          |
|      |   |         |         |                 |       |       |       | 4.504              |                  |          |                          |
|      |   |         |         | Net Qty = A - B |       |       |       | 4.738              | 1510.960         | 1515.698 |                          |
|      | <b>K 114.15. 19</b>   | 579.955 | 578.705 | 578.355         |       |       | 1.600 |                    |                  |          |                          |
|      | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. |         |         |                 |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |                 | 0.785 | 8.410 | 1.000 | 6.602              | 655.822          | 662.424  |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |                 | 0.785 | 8.410 | 0.000 | 0.000              | 275.306          | 275.306  |                          |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |                 | 0.785 | 8.410 | 0.000 | 0.000              | 58.575           | 58.575   |                          |
|      | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.              |         |         |                 |       |       |       |                    |                  |          |                          |
|      | (a) For Lift 0 to 1.5m  | 1       |         |                 | 0.785 | 8.410 | 0.500 | 3.301              | 182.495          | 185.796  |                          |
|      | (b) For Lift 1.5m to 3.0m   | 1       |         |                 | 0.785 | 8.410 | 0.100 | 0.660              | 469.433          | 470.093  |                          |
|      | (c) For Lift 3.0m to 4.5m   | 1       |         |                 | 0.785 | 8.410 | 0.000 | 0.000              | 379.378          | 379.378  |                          |
|      | (d) For Lift 4.5m to 6.0m   | 1       |         |                 | 0.785 | 8.410 | 0.000 | 0.000              | 131.938          | 131.938  |                          |
|      | Extra Item:- For Lift 6.0m to 7.5m  | 1       |         |                 | 0.785 | 8.410 | 0.000 | 0.000              | 13.384           | 13.384   |                          |



12





Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-  
Page No. :-

049

1

K Sewer 9th RA (C) Dewatering RA9

**9th R A BILL MEASUREMENTS**

**Sewer K -Dewatering**

| Sr.No.                                 | Date       | Pump Capacity<br>in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr    |
|--|------------|------------------------|-------------|-------|-------|-----------|-----------|
|  |            |                        |             | From  | To    |           |           |
| <b>At BEST PRICE MALL -1400mm Dia.</b> |            |                        |             |       |       |           |           |
| 1                                      | 07/01/2016 | 15                     | 1           | 8:30  | 13:30 | 5:00      | 75:00:00  |
|  |            | 15                     | 1           | 14:00 | 17:30 | 3:30      | 52:30:00  |
|  |            | 15                     | 1           | 17:45 | 19:30 | 1:45      | 26:15:00  |
| 2                                      | 08/01/2016 | 15                     | 2           | 5:30  | 13:30 | 8:00      | 240:00:00 |
|  |            | 15                     | 2           | 14:30 | 18:30 | 4:00      | 120:00:00 |
| 3                                      | 09/01/2016 | 15                     | 2           | 6:10  | 10:15 | 4:05      | 122:30:00 |
|  |            | 15                     | 2           | 10:30 | 13:30 | 3:00      | 90:00:00  |
|  |            | 15                     | 2           | 14:00 | 19:00 | 5:00      | 150:00:00 |
| 4                                      | 10/01/2016 | 15                     | 2           | 5:45  | 9:45  | 4:00      | 120:00:00 |
|  |            | 15                     | 2           | 10:00 | 13:00 | 3:00      | 90:00:00  |
|  |            | 15                     | 2           | 14:00 | 18:15 | 4:15      | 127:30:00 |
| 5                                      | 11/01/2016 | 15                     | 2           | 6:00  | 10:30 | 4:30      | 135:00:00 |
|  |            | 15                     | 2           | 11:00 | 13:00 | 2:00      | 60:00:00  |
|  |            | 15                     | 2           | 14:00 | 17:00 | 3:00      | 90:00:00  |
|  |            | 15                     | 2           | 17:15 | 19:15 | 2:00      | 60:00:00  |
| 6                                      | 12/01/2016 | 20                     | 1           | 6:10  | 11:10 | 5:00      | 100:00:00 |
|  |            | 20                     | 1           | 11:30 | 13:00 | 1:30      | 30:00:00  |
|  |            | 20                     | 1           | 14:00 | 16:30 | 2:30      | 50:00:00  |
|  |            | 20                     | 1           | 17:00 | 19:00 | 2:00      | 40:00:00  |
| 7                                      | 13/01/2016 | 20                     | 1           | 5:50  | 10:50 | 5:00      | 100:00:00 |
|  |            | 20                     | 1           | 11:15 | 13:15 | 2:00      | 40:00:00  |
|  |            | 20                     | 1           | 14:30 | 17:00 | 2:30      | 50:00:00  |
|  |            | 20                     | 1           | 17:30 | 18:15 | 0:45      | 15:00:00  |
| 8                                      | 14/01/2016 | 25                     | 1           | 6:30  | 11:00 | 4:30      | 112:30:00 |
|  |            | 25                     | 1           | 11:30 | 13:00 | 1:30      | 37:30:00  |
|  |            | 25                     | 1           | 14:20 | 17:20 | 3:00      | 75:00:00  |
|  |            | 25                     | 1           | 17:30 | 18:15 | 0:45      | 18:45:00  |
| 9                                      | 15/01/2016 | 25                     | 1           | 6:15  | 9:15  | 3:00      | 75:00:00  |
|  |            | 25                     | 1           | 9:30  | 11:30 | 2:00      | 50:00:00  |
|  |            | 25                     | 1           | 12:10 | 13:30 | 1:20      | 33:20:00  |
|  |            | 25                     | 1           | 14:45 | 17:45 | 3:00      | 75:00:00  |
| 10                                     | 16/01/2016 | 25                     | 1           | 6:20  | 10:20 | 4:00      | 100:00:00 |
|  |            | 25                     | 1           | 10:40 | 12:50 | 2:10      | 54:10:00  |
|  |            | 25                     | 1           | 13:30 | 15:00 | 1:30      | 37:30:00  |
|  |            | 25                     | 1           | 15:30 | 18:20 | 2:50      | 70:50:00  |
| 11                                     | 17/01/2016 | 25                     | 1           | 6:45  | 9:00  | 2:15      | 56:15:00  |
|  |            | 25                     | 1           | 9:20  | 12:20 | 3:00      | 75:00:00  |
|  |            | 25                     | 1           | 14:00 | 16:30 | 2:30      | 62:30:00  |
|  |            | 25                     | 1           | 17:00 | 18:00 | 1:00      | 25:00:00  |
| 12                                     | 18/01/2016 | 25                     | 1           | 6:00  | 7:30  | 1:30      | 37:30:00  |
|  |            | 25                     | 1           | 7:45  | 11:45 | 4:00      | 100:00:00 |



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K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 25                  | 1           | 12:30 | 13:15 | 0:45      | 18:45:00 |
|        |            | 25                  | 1           | 15:00 | 17:30 | 2:30      | 62:30:00 |
| 13     | 19/01/2016 | 25                  | 1           | 17:50 | 18:40 | 0:50      | 20:50:00 |
|        |            | 25                  | 1           | 6:15  | 8:30  | 2:15      | 56:15:00 |
|        |            | 25                  | 1           | 8:50  | 10:50 | 2:00      | 50:00:00 |
|        |            | 25                  | 1           | 11:15 | 13:00 | 1:45      | 43:45:00 |
| 14     | 20/01/2016 | 25                  | 1           | 13:30 | 15:00 | 1:30      | 37:30:00 |
|        |            | 15                  | 1           | 6:00  | 10:00 | 4:00      | 60:00:00 |
|        |            | 10                  | 1           | 7:00  | 9:00  | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 9:30  | 12:15 | 2:45      | 27:30:00 |
|        |            | 10                  | 1           | 12:30 | 13:30 | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 14:10 | 15:30 | 1:20      | 13:20:00 |
| 15     | 21/01/2016 | 10                  | 1           | 16:45 | 18:00 | 1:15      | 12:30:00 |
|        |            | 15                  | 1           | 6:45  | 8:45  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 9:00  | 12:00 | 3:00      | 45:00:00 |
|        |            | 15                  | 1           | 12:30 | 13:45 | 1:15      | 18:45:00 |
|        |            | 10                  | 1           | 14:15 | 16:00 | 1:45      | 26:15:00 |
|        |            | 10                  | 1           | 7:30  | 10:00 | 2:30      | 25:00:00 |
|        |            | 10                  | 1           | 10:30 | 12:15 | 1:45      | 17:30:00 |
|        |            | 10                  | 1           | 12:30 | 13:00 | 0:30      | 5:00:00  |
|        |            | 10                  | 1           | 13:45 | 15:00 | 1:15      | 12:30:00 |
| 16     | 22/01/2016 | 10                  | 1           | 16:15 | 18:00 | 1:45      | 17:30:00 |
|        |            | 15                  | 1           | 6:10  | 10:03 | 3:53      | 58:15:00 |
|        |            | 15                  | 1           | 11:00 | 12:30 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 13:15 | 15:45 | 2:30      | 37:30:00 |
| 17     | 23/01/2016 | 15                  | 1           | 14:30 | 18:30 | 4:00      | 60:00:00 |
|        |            | 15                  | 1           | 6:00  | 8:15  | 2:15      | 33:45:00 |
|        |            | 15                  | 1           | 8:30  | 11:30 | 3:00      | 45:00:00 |
|        |            | 15                  | 1           | 12:15 | 13:15 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 14:20 | 16:20 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 17:00 | 18:10 | 1:10      | 17:30:00 |
|        |            | 10                  | 1           | 7:15  | 9:15  | 2:00      | 20:00:00 |
| 18     | 24/01/2016 | 10                  | 1           | 9:45  | 10:30 | 0:45      | 7:30:00  |
|        |            | 15                  | 1           | 6:20  | 10:30 | 4:10      | 62:30:00 |
|        |            | 15                  | 1           | 11:00 | 13:00 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 13:30 | 16:00 | 2:30      | 37:30:00 |
|        |            | 10                  | 1           | 16:15 | 17:45 | 1:30      | 22:30:00 |
|        |            | 10                  | 1           | 6:50  | 10:00 | 3:10      | 31:40:00 |
| 19     | 25/01/2016 | 10                  | 1           | 10:10 | 10:40 | 0:30      | 5:00:00  |
|        |            | 15                  | 1           | 6:10  | 10:15 | 4:05      | 61:15:00 |
|        |            | 15                  | 1           | 11:50 | 13:50 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 15:10 | 18:00 | 2:50      | 42:30:00 |
|        |            | 10                  | 1           | 18:15 | 19:15 | 1:00      | 15:00:00 |
|        |            | 10                  | 1           | 6:40  | 9:40  | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 10:00 | 10:45 | 0:45      | 7:30:00  |



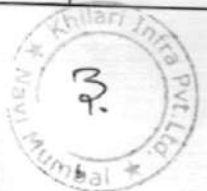
Handwritten mark resembling a stylized 'V' or '12'.



3

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr    |
|--------|------------|---------------------|-------------|-------|-------|-----------|-----------|
|        |            |                     |             | From  | To    |           |           |
| 20     | 26/01/2016 | 15                  | 1           | 6:30  | 10:45 | 4:15      | 63:45:00  |
|        |            | 15                  | 1           | 11:10 | 13:10 | 2:00      | 30:00:00  |
|        |            | 15                  | 1           | 14:15 | 16:30 | 2:15      | 33:45:00  |
|        |            | 15                  | 1           | 16:40 | 18:10 | 1:30      | 22:30:00  |
| 21     | 27/01/2016 | 15                  | 2           | 6:15  | 9:15  | 3:00      | 90:00:00  |
|        |            | 15                  | 2           | 9:30  | 13:00 | 3:30      | 105:00:00 |
|        |            | 15                  | 2           | 14:05 | 16:35 | 2:30      | 75:00:00  |
|        |            | 15                  | 2           | 16:55 | 17:45 | 0:50      | 25:00:00  |
| 22     | 28/01/2016 | 15                  | 2           | 7:00  | 11:30 | 4:30      | 135:00:00 |
|        |            | 15                  | 2           | 12:00 | 13:30 | 1:30      | 45:00:00  |
|        |            | 15                  | 2           | 14:20 | 15:20 | 1:00      | 30:00:00  |
|        |            | 15                  | 2           | 15:45 | 17:15 | 1:30      | 45:00:00  |
|        |            | 15                  | 2           | 17:30 | 18:15 | 0:45      | 22:30:00  |
| 23     | 29/01/2016 | 15                  | 2           | 6:25  | 10:30 | 4:05      | 122:30:00 |
|        |            | 15                  | 2           | 11:10 | 13:10 | 2:00      | 60:00:00  |
|        |            | 15                  | 2           | 14:00 | 16:30 | 2:30      | 75:00:00  |
|        |            | 15                  | 2           | 16:50 | 18:50 | 2:00      | 60:00:00  |
| 24     | 30/01/2015 | 15                  | 2           | 7:10  | 9:10  | 2:00      | 60:00:00  |
|        |            | 15                  | 2           | 9:30  | 12:30 | 3:00      | 90:00:00  |
|        |            | 15                  | 2           | 13:45 | 16:45 | 3:00      | 90:00:00  |
|        |            | 15                  | 2           | 17:00 | 17:45 | 0:45      | 22:30:00  |
|        |            | 15                  | 2           | 6:10  | 10:00 | 3:50      | 115:00:00 |
| 25     | 31/01/2016 | 15                  | 2           | 10:30 | 11:30 | 1:00      | 30:00:00  |
|        |            | 15                  | 2           | 11:50 | 13:30 | 1:40      | 50:00:00  |
|        |            | 15                  | 2           | 14:30 | 16:30 | 2:00      | 60:00:00  |
|        |            | 15                  | 2           | 14:45 | 18:15 | 3:30      | 105:00:00 |
|        |            | 15                  | 2           | 6:30  | 8:30  | 2:00      | 60:00:00  |
| 26     | 01/02/2016 | 15                  | 2           | 8:55  | 11:55 | 3:00      | 90:00:00  |
|        |            | 15                  | 2           | 11:30 | 13:00 | 1:30      | 45:00:00  |
|        |            | 15                  | 2           | 15:00 | 17:30 | 2:30      | 75:00:00  |
|        |            | 15                  | 2           | 6:20  | 8:10  | 1:50      | 55:00:00  |
|        |            | 15                  | 2           | 8:25  | 10:05 | 1:40      | 50:00:00  |
| 27     | 02/02/2016 | 15                  | 2           | 10:30 | 12:30 | 2:00      | 60:00:00  |
|        |            | 15                  | 2           | 13:50 | 15:50 | 2:00      | 60:00:00  |
|        |            | 15                  | 2           | 16:15 | 17:30 | 1:15      | 37:30:00  |
|        |            | 15                  | 2           | 7:00  | 10:30 | 3:30      | 105:00:00 |
|        |            | 15                  | 2           | 11:00 | 13:00 | 2:00      | 60:00:00  |
| 28     | 03/02/2016 | 15                  | 2           | 15:00 | 15:30 | 0:30      | 15:00:00  |
|        |            | 15                  | 2           | 16:15 | 18:15 | 2:00      | 60:00:00  |
|        |            | 15                  | 2           | 6:45  | 9:45  | 3:00      | 90:00:00  |
|        |            | 15                  | 2           | 10:00 | 12:40 | 2:40      | 80:00:00  |
|        |            | 15                  | 2           | 14:00 | 16:30 | 2:30      | 75:00:00  |
| 29     | 04/02/2016 | 15                  | 2           | 17:00 | 18:00 | 1:00      | 30:00:00  |
|        |            | 15                  | 2           | 7:15  | 8:30  | 1:15      | 37:30:00  |
|        |            | 15                  | 2           | 9:00  | 11:00 | 2:00      | 60:00:00  |
| 30     | 05/02/2016 | 15                  | 2           |       |       |           |           |
|        |            | 15                  | 2           |       |       |           |           |



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4

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 15                  | 2           | 11:20 | 12:50 | 1:30      | 45:00:00 |
|        |            | 15                  | 2           | 14:15 | 16:15 | 2:00      | 60:00:00 |
|        |            | 15                  | 2           | 16:30 | 17:30 | 1:00      | 30:00:00 |
| 31     | 06/02/2016 | 15                  | 2           | 6:30  | 9:30  | 3:00      | 90:00:00 |
|        |            | 15                  | 2           | 10:15 | 12:30 | 2:15      | 67:30:00 |
|        |            | 15                  | 2           | 13:40 | 16:00 | 2:20      | 70:00:00 |
|        |            | 15                  | 2           | 16:30 | 17:50 | 1:20      | 40:00:00 |
| 32     | 07/02/2016 | 15                  | 2           | 7:00  | 8:45  | 1:45      | 52:30:00 |
|        |            | 15                  | 2           | 9:00  | 10:30 | 1:30      | 45:00:00 |
|        |            | 15                  | 2           | 11:00 | 13:00 | 2:00      | 60:00:00 |
|        |            | 15                  | 2           | 14:30 | 16:30 | 2:00      | 60:00:00 |
|        |            | 15                  | 2           | 17:10 | 18:00 | 0:50      | 25:00:00 |
| 33     | 08/02/2016 | 15                  | 2           | 6:35  | 7:35  | 1:00      | 30:00:00 |
|        |            | 15                  | 2           | 8:00  | 10:15 | 2:15      | 67:30:00 |
|        |            | 15                  | 2           | 10:40 | 12:45 | 2:05      | 62:30:00 |
|        |            | 15                  | 2           | 14:10 | 16:30 | 2:20      | 70:00:00 |
|        |            | 15                  | 2           | 16:50 | 18:50 | 2:00      | 60:00:00 |
| 34     | 09/02/2016 | 15                  | 1           | 7:30  | 11:00 | 3:30      | 52:30:00 |
|        |            | 15                  | 1           | 11:20 | 12:50 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 14:45 | 16:45 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 17:00 | 17:30 | 0:30      | 7:30:00  |
| 35     | 10/02/2016 | 15                  | 1           | 6:50  | 8:50  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 9:30  | 11:30 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 12:15 | 13:00 | 0:45      | 11:15:00 |
|        |            | 15                  | 1           | 14:25 | 16:40 | 2:15      | 33:45:00 |
|        |            | 15                  | 1           | 17:00 | 18:15 | 1:15      | 18:45:00 |
| 36     | 11/02/2016 | 15                  | 1           | 8:00  | 12:00 | 4:00      | 60:00:00 |
|        |            | 15                  | 1           | 12:15 | 13:15 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 15:00 | 16:30 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 17:00 | 17:30 | 0:30      | 7:30:00  |
| 37     | 12/02/2016 | 15                  | 1           | 8:15  | 9:15  | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 9:30  | 11:30 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 12:00 | 13:00 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 14:30 | 15:00 | 0:30      | 7:30:00  |
|        |            | 15                  | 1           | 16:00 | 18:00 | 2:00      | 30:00:00 |
| 38     | 13/02/2016 | 15                  | 1           | 7:30  | 12:30 | 5:00      | 75:00:00 |
|        |            | 15                  | 1           | 14:30 | 15:30 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 15:45 | 17:15 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 17:30 | 18:00 | 0:30      | 7:30:00  |
| 39     | 14/02/2016 | 15                  | 1           | 8:10  | 11:10 | 3:00      | 45:00:00 |
|        |            | 15                  | 1           | 11:30 | 13:00 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 14:30 | 15:30 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 16:15 | 18:15 | 2:00      | 30:00:00 |
| 40     | 15/02/2016 | 15                  | 1           | 8:00  | 11:30 | 3:30      | 52:30:00 |
|        |            | 15                  | 1           | 14:00 | 15:00 | 1:00      | 15:00:00 |



12

5

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr      |
|--------|------------|---------------------|-------------|-------|-------|-----------|-------------|
|        |            |                     |             | From  | To    |           |             |
|        |            | 15                  | 1           | 15:30 | 16:00 | 0:30      | 7:30:00     |
|        |            | 15                  | 1           | 16:30 | 18:15 | 1:45      | 26:15:00    |
| 41     | 16/02/2016 | 15                  | 1           | 8:10  | 11:10 | 3:00      | 45:00:00    |
|        |            | 15                  | 1           | 11:30 | 12:30 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 14:00 | 16:30 | 2:30      | 37:30:00    |
|        |            | 15                  | 1           | 17:00 | 18:00 | 1:00      | 15:00:00    |
| 42     | 17/02/2016 | 15                  | 1           | 7:30  | 12:00 | 4:30      | 67:30:00    |
|        |            | 15                  | 1           | 12:15 | 13:15 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 15:00 | 16:30 | 1:30      | 22:30:00    |
|        |            | 15                  | 1           | 17:00 | 17:30 | 0:30      | 7:30:00     |
| 43     | 18/02/2016 | 15                  | 1           | 7:00  | 11:00 | 4:00      | 60:00:00    |
|        |            | 15                  | 1           | 12:30 | 13:30 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 15:00 | 16:00 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 17:00 | 18:15 | 1:15      | 18:45:00    |
| 44     | 19/02/2016 | 15                  | 1           | 8:00  | 11:15 | 3:15      | 48:45:00    |
|        |            | 15                  | 1           | 12:00 | 13:15 | 1:15      | 18:45:00    |
|        |            | 15                  | 1           | 14:30 | 15:30 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 16:00 | 18:00 | 2:00      | 30:00:00    |
| 45     | 20/02/2016 | 15                  | 1           | 7:45  | 11:00 | 3:15      | 48:45:00    |
|        |            | 15                  | 1           | 12:30 | 13:30 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 15:00 | 16:00 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 16:45 | 18:15 | 1:30      | 22:30:00    |
| 46     | 21/02/2016 | 15                  | 1           | 8:30  | 12:30 | 4:00      | 60:00:00    |
|        |            | 15                  | 1           | 14:15 | 15:15 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 16:00 | 17:00 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 17:30 | 18:30 | 1:00      | 15:00:00    |
| 47     | 22/02/2016 | 15                  | 1           | 7:30  | 11:30 | 4:00      | 60:00:00    |
|        |            | 15                  | 1           | 12:30 | 13:30 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 14:45 | 16:00 | 1:15      | 18:45:00    |
|        |            | 15                  | 1           | 17:00 | 18:00 | 1:00      | 15:00:00    |
| 48     | 23/02/2016 | 15                  | 1           | 6:50  | 8:15  | 1:25      | 21:15:00    |
|        |            | 15                  | 1           | 8:30  | 11:30 | 3:00      | 45:00:00    |
|        |            | 15                  | 1           | 12:15 | 13:00 | 0:45      | 11:15:00    |
|        |            | 15                  | 1           | 14:30 | 16:00 | 1:30      | 22:30:00    |
|        |            | 15                  | 1           | 16:40 | 17:30 | 0:50      | 12:30:00    |
| 49     | 24/02/2016 | 15                  | 1           | 7:10  | 10:10 | 3:00      | 45:00:00    |
|        |            | 15                  | 1           | 12:00 | 13:00 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 15:00 | 16:00 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 16:30 | 18:30 | 2:00      | 30:00:00    |
| 50     | 25/02/2016 | 15                  | 1           | 7:30  | 8:45  | 1:15      | 18:45:00    |
|        |            | 15                  | 1           | 9:30  | 10:15 | 0:45      | 11:15:00    |
|        |            | 15                  | 1           | 12:00 | 13:00 | 1:00      | 15:00:00    |
|        |            | 15                  | 1           | 15:20 | 16:00 | 0:40      | 10:00:00    |
|        |            | 15                  | 1           | 16:30 | 18:30 | 2:00      | 30:00:00    |
|        |            |                     |             |       |       | 9:33      | 10011:10:00 |



Handwritten mark resembling the number 12.



6

K Sewer 9th RA (C) Dewatering RA9

| Sr.No.                           | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|----------------------------------|------------|---------------------|-------------|-------|-------|-----------|----------|
|                                  |            |                     |             | From  | To    |           |          |
| <b>At HAMALWADA- 1400MM Dia.</b> |            |                     |             |       |       |           |          |
| 1                                | 30/12/2015 | 10                  | 1           | 6:15  | 9:30  | 3:15      | 32:30:00 |
|                                  |            | 10                  | 1           | 10:00 | 12:30 | 2:30      | 25:00:00 |
|                                  |            | 10                  | 1           | 15:00 | 16:30 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 17:15 | 18:30 | 1:15      | 12:30:00 |
| 2                                | 31/12/2015 | 10                  | 1           | 6:50  | 8:50  | 2:00      | 20:00:00 |
|                                  |            | 10                  | 1           | 9:15  | 11:15 | 2:00      | 20:00:00 |
|                                  |            | 10                  | 1           | 11:30 | 12:00 | 0:30      | 5:00:00  |
|                                  |            | 10                  | 1           | 14:20 | 16:00 | 1:40      | 16:40:00 |
| 3                                | 01/01/2016 | 10                  | 1           | 16:30 | 18:00 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 6:15  | 8:30  | 2:15      | 22:30:00 |
|                                  |            | 10                  | 1           | 9:10  | 11:00 | 1:50      | 18:20:00 |
|                                  |            | 10                  | 1           | 11:30 | 12:30 | 1:00      | 10:00:00 |
| 4                                | 02/01/2016 | 10                  | 1           | 14:45 | 16:00 | 1:15      | 12:30:00 |
|                                  |            | 10                  | 1           | 6:10  | 10:10 | 4:00      | 40:00:00 |
|                                  |            | 10                  | 1           | 10:35 | 12:05 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 12:03 | 13:30 | 1:27      | 14:30:00 |
| 5                                | 03/01/2016 | 10                  | 1           | 15:00 | 17:30 | 2:30      | 25:00:00 |
|                                  |            | 10                  | 1           | 6:20  | 11:20 | 5:00      | 50:00:00 |
|                                  |            | 10                  | 1           | 12:00 | 13:30 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 14:30 | 16:00 | 1:30      | 15:00:00 |
| 6                                | 04/01/2016 | 10                  | 1           | 16:45 | 18:15 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 7:15  | 9:15  | 2:00      | 20:00:00 |
|                                  |            | 10                  | 1           | 9:30  | 11:30 | 2:00      | 20:00:00 |
|                                  |            | 10                  | 1           | 12:15 | 12:45 | 0:30      | 5:00:00  |
| 7                                | 05/01/2016 | 10                  | 1           | 14:10 | 15:30 | 1:20      | 13:20:00 |
|                                  |            | 10                  | 1           | 16:20 | 17:50 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 6:45  | 9:45  | 3:00      | 30:00:00 |
|                                  |            | 10                  | 1           | 10:00 | 11:30 | 1:30      | 15:00:00 |
| 8                                | 06/01/2016 | 10                  | 1           | 12:10 | 12:40 | 0:30      | 5:00:00  |
|                                  |            | 5                   | 1           | 8:30  | 10:30 | 2:00      | 10:00:00 |
|                                  |            | 5                   | 1           | 11:00 | 13:15 | 2:15      | 11:15:00 |
|                                  |            | 5                   | 1           | 15:15 | 17:30 | 2:15      | 11:15:00 |
| 9                                | 07/01/2016 | 5                   | 1           | 17:50 | 18:30 | 0:40      | 3:20:00  |
|                                  |            | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
|                                  |            | 10                  | 1           | 10:15 | 13:00 | 2:45      | 27:30:00 |
|                                  |            | 10                  | 1           | 14:40 | 16:50 | 2:10      | 21:40:00 |
| 9                                | 07/01/2016 | 5                   | 1           | 7:30  | 9:00  | 1:30      | 7:30:00  |
|                                  |            | 5                   | 1           | 9:25  | 11:30 | 2:05      | 10:25:00 |
|                                  |            | 5                   | 1           | 13:50 | 14:50 | 1:00      | 5:00:00  |
|                                  |            | 5                   | 1           | 15:30 | 16:30 | 1:00      | 5:00:00  |
| 9                                | 07/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
|                                  |            | 10                  | 1           | 10:45 | 12:15 | 1:30      | 15:00:00 |
|                                  |            | 10                  | 1           | 14:30 | 17:00 | 2:30      | 25:00:00 |
|                                  |            | 5                   | 1           | 8:15  | 9:30  | 1:15      | 6:15:00  |



12

Name of work:- Development of Underground Sewerage Collection system for Zone 1 to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DF pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

7

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 5                   | 1           | 10:10 | 11:40 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 14:15 | 16:30 | 2:15      | 11:15:00 |
| 10     | 08/01/2016 | 10                  | 1           | 6:50  | 10:50 | 4:00      | 40:00:00 |
|        |            | 10                  | 1           | 11:15 | 13:00 | 1:45      | 17:30:00 |
|        |            | 10                  | 1           | 14:20 | 16:20 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 17:00 | 18:10 | 1:10      | 11:40:00 |
|        |            | 5                   | 1           | 8:40  | 10:30 | 1:50      | 9:10:00  |
|        |            | 5                   | 1           | 11:00 | 12:30 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 14:50 | 16:00 | 1:10      | 5:50:00  |
|        |            | 5                   | 1           | 16:30 | 17:30 | 1:00      | 5:00:00  |
| 11     | 09/01/2016 | 10                  | 1           | 7:20  | 11:30 | 4:10      | 41:40:00 |
|        |            | 10                  | 1           | 12:00 | 12:45 | 0:45      | 7:30:00  |
|        |            | 10                  | 1           | 14:00 | 15:30 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 16:00 | 17:30 | 1:30      | 15:00:00 |
|        |            | 5                   | 1           | 8:15  | 9:30  | 1:15      | 6:15:00  |
|        |            | 5                   | 1           | 10:00 | 12:00 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 14:35 | 16:35 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 17:00 | 18:30 | 1:30      | 7:30:00  |
| 12     | 10/01/2016 | 10                  | 1           | 9:00  | 12:30 | 3:30      | 35:00:00 |
|        |            | 10                  | 1           | 14:15 | 16:30 | 2:15      | 22:30:00 |
|        |            | 10                  | 1           | 17:10 | 17:30 | 0:20      | 3:20:00  |
|        |            | 5                   | 1           | 8:30  | 10:00 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 10:15 | 12:00 | 1:45      | 8:45:00  |
|        |            | 5                   | 1           | 15:30 | 17:00 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 17:15 | 18:00 | 0:45      | 3:45:00  |
| 13     | 11/01/2016 | 10                  | 1           | 8:30  | 10:00 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 10:15 | 12:30 | 2:15      | 22:30:00 |
|        |            | 10                  | 1           | 14:00 | 15:30 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 17:10 | 18:15 | 1:05      | 10:50:00 |
|        |            | 5                   | 1           | 8:05  | 9:35  | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 10:00 | 11:15 | 1:15      | 6:15:00  |
|        |            | 5                   | 1           | 11:30 | 13:15 | 1:45      | 8:45:00  |
|        |            | 5                   | 1           | 14:30 | 16:00 | 1:30      | 7:30:00  |
| 14     | 12/01/2016 | 10                  | 1           | 8:00  | 11:30 | 3:30      | 35:00:00 |
|        |            | 10                  | 1           | 11:45 | 13:10 | 1:25      | 14:10:00 |
|        |            | 10                  | 1           | 14:40 | 15:00 | 0:20      | 3:20:00  |
|        |            | 10                  | 1           | 16:10 | 17:30 | 1:20      | 13:20:00 |
|        |            | 5                   | 1           | 8:50  | 10:00 | 1:10      | 5:50:00  |
|        |            | 5                   | 1           | 10:30 | 12:20 | 1:50      | 9:10:00  |
|        |            | 5                   | 1           | 15:10 | 16:45 | 1:35      | 7:55:00  |
| 15     | 13/01/2016 | 15                  | 1           | 6:30  | 10:30 | 4:00      | 60:00:00 |
|        |            | 15                  | 1           | 11:00 | 12:30 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 14:15 | 16:15 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 16:30 | 17:15 | 0:45      | 11:15:00 |
| 16     | 14/01/2016 | 10                  | 1           | 7:30  | 11:00 | 3:30      | 35:00:00 |



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8

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 10                  | 1           | 12:15 | 13:00 | 0:45      | 7:30:00  |
|        |            | 10                  | 1           | 15:00 | 17:15 | 2:15      | 22:30:00 |
|        |            | 5                   | 1           | 8:00  | 10:00 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 10:40 | 12:40 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 16:30 | 18:45 | 2:15      | 11:15:00 |
| 17     | 15/01/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 9:45  | 11:45 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 12:10 | 13:30 | 1:20      | 13:20:00 |
|        |            | 10                  | 1           | 14:35 | 16:45 | 2:10      | 21:40:00 |
|        |            | 5                   | 1           | 8:15  | 10:15 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 11:00 | 12:30 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 14:15 | 16:30 | 2:15      | 11:15:00 |
| 18     | 16/01/2016 | 10                  | 1           | 7:50  | 10:50 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 11:15 | 12:00 | 0:45      | 7:30:00  |
|        |            | 10                  | 1           | 13:30 | 16:00 | 2:30      | 25:00:00 |
|        |            | 5                   | 1           | 9:00  | 12:00 | 3:00      | 15:00:00 |
|        |            | 5                   | 1           | 14:00 | 16:30 | 2:30      | 12:30:00 |
|        |            | 5                   | 1           | 17:00 | 18:10 | 1:10      | 5:50:00  |
| 19     | 17/01/2016 | 10                  | 1           | 7:15  | 9:15  | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 9:30  | 11:30 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 12:00 | 12:45 | 0:45      | 7:30:00  |
|        |            | 10                  | 1           | 13:30 | 16:00 | 2:30      | 25:00:00 |
|        |            | 10                  | 1           | 16:40 | 17:40 | 1:00      | 10:00:00 |
|        |            | 5                   | 1           | 8:00  | 9:00  | 1:00      | 5:00:00  |
|        |            | 5                   | 1           | 9:20  | 11:00 | 1:40      | 8:20:00  |
|        |            | 5                   | 1           | 11:30 | 13:00 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 14:15 | 15:30 | 1:15      | 6:15:00  |
|        |            | 5                   | 1           | 16:00 | 17:10 | 1:10      | 5:50:00  |
| 20     | 18/01/2016 | 10                  | 1           | 6:25  | 10:25 | 4:00      | 40:00:00 |
|        |            | 10                  | 1           | 10:50 | 12:50 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 16:00 | 16:30 | 0:30      | 5:00:00  |
|        |            | 10                  | 1           | 17:00 | 18:30 | 1:30      | 15:00:00 |
|        |            | 5                   | 1           | 7:30  | 10:00 | 2:30      | 12:30:00 |
|        |            | 5                   | 1           | 10:30 | 12:30 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 14:00 | 15:45 | 1:45      | 8:45:00  |
| 21     | 23/01/2016 | 10                  | 1           | 5:30  | 12:30 | 7:00      | 70:00:00 |
|        |            | 10                  | 1           | 14:00 | 15:30 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 15:50 | 17:20 | 1:30      | 15:00:00 |
|        |            | 5                   | 1           | 6:15  | 9:30  | 3:15      | 16:15:00 |
|        |            | 5                   | 1           | 9:50  | 11:50 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 12:15 | 13:00 | 0:45      | 3:45:00  |
|        |            | 5                   | 1           | 14:15 | 16:00 | 1:45      | 8:45:00  |
|        |            | 5                   | 1           | 16:30 | 17:00 | 0:30      | 2:30:00  |
| 22     | 24/01/2016 | 10                  | 1           | 6:40  | 9:40  | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 10:00 | 12:30 | 2:30      | 25:00:00 |



12



| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 10                  | 1           | 14:20 | 16:30 | 2:10      | 21:40:00 |
|        |            | 10                  | 1           | 16:45 | 17:30 | 0:45      | 7:30:00  |
|        |            | 5                   | 1           | 7:00  | 9:00  | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 10:00 | 13:00 | 3:00      | 15:00:00 |
|        |            | 5                   | 1           | 14:10 | 16:10 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 16:30 | 17:00 | 0:30      | 2:30:00  |
| 23     | 25/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
|        |            | 10                  | 1           | 11:00 | 15:50 | 4:50      | 48:20:00 |
|        |            | 10                  | 1           | 14:30 | 16:00 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 16:20 | 17:50 | 1:30      | 15:00:00 |
|        |            | 5                   | 1           | 6:35  | 7:35  | 1:00      | 5:00:00  |
|        |            | 5                   | 1           | 7:50  | 10:50 | 3:00      | 15:00:00 |
|        |            | 5                   | 1           | 11:30 | 13:00 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 14:40 | 16:40 | 2:00      | 10:00:00 |
| 24     | 26/01/2016 | 10                  | 1           | 7:25  | 9:30  | 2:05      | 20:50:00 |
|        |            | 10                  | 1           | 10:10 | 13:00 | 2:50      | 28:20:00 |
|        |            | 10                  | 1           | 14:30 | 17:30 | 3:00      | 30:00:00 |
|        |            | 5                   | 1           | 7:10  | 11:10 | 4:00      | 20:00:00 |
|        |            | 5                   | 1           | 11:30 | 13:00 | 1:30      | 7:30:00  |
|        |            | 5                   | 1           | 14:15 | 16:15 | 2:00      | 10:00:00 |
|        |            | 5                   | 1           | 16:45 | 17:45 | 1:00      | 5:00:00  |
| 25     | 27/01/2016 | 15                  | 1           | 8:10  | 10:30 | 2:20      | 35:00:00 |
|        |            | 15                  | 1           | 11:00 | 12:30 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 13:30 | 16:00 | 2:30      | 37:30:00 |
|        |            | 15                  | 1           | 16:35 | 17:35 | 1:00      | 15:00:00 |
| 26     | 28/01/2016 | 15                  | 1           | 7:45  | 9:30  | 1:45      | 26:15:00 |
|        |            | 15                  | 1           | 9:50  | 12:50 | 3:00      | 45:00:00 |
|        |            | 15                  | 1           | 14:05 | 15:30 | 1:25      | 21:15:00 |
|        |            | 15                  | 1           | 16:10 | 17:40 | 1:30      | 22:30:00 |
| 27     | 30/01/2016 | 15                  | 1           | 8:00  | 10:00 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 10:20 | 11:30 | 1:10      | 17:30:00 |
|        |            | 15                  | 1           | 12:00 | 12:50 | 0:50      | 12:30:00 |
|        |            | 15                  | 1           | 14:15 | 15:30 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 16:10 | 17:30 | 1:20      | 20:00:00 |
| 28     | 31/01/2016 | 15                  | 1           | 8:30  | 11:00 | 2:30      | 37:30:00 |
|        |            | 15                  | 1           | 11:25 | 13:05 | 1:40      | 25:00:00 |
|        |            | 15                  | 1           | 15:15 | 16:30 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 17:00 | 17:30 | 0:30      | 7:30:00  |
| 29     | 01/02/2016 | 15                  | 1           | 7:30  | 9:00  | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 9:15  | 11:15 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 12:00 | 13:15 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 15:00 | 17:30 | 2:30      | 37:30:00 |
| 30     | 02/02/2016 | 15                  | 1           | 7:50  | 9:50  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 10:10 | 11:30 | 1:20      | 20:00:00 |
|        |            | 15                  | 1           | 11:10 | 12:40 | 1:30      | 22:30:00 |



Handwritten mark resembling the number 12.

10

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 15                  | 1           | 14:30 | 16:00 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 16:40 | 17:50 | 1:10      | 17:30:00 |
| 31     | 03/02/2016 | 15                  | 1           | 8:20  | 9:30  | 1:10      | 17:30:00 |
|        |            | 15                  | 1           | 9:45  | 11:15 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 11:40 | 13:00 | 1:20      | 20:00:00 |
|        |            | 15                  | 1           | 14:10 | 15:40 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 16:15 | 18:00 | 1:45      | 26:15:00 |
| 32     | 04/02/2016 | 15                  | 1           | 7:35  | 9:35  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 10:00 | 12:15 | 2:15      | 33:45:00 |
|        |            | 15                  | 1           | 12:40 | 13:20 | 0:40      | 10:00:00 |
|        |            | 15                  | 1           | 14:50 | 15:50 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 16:30 | 17:30 | 1:00      | 15:00:00 |
| 33     | 05/02/2016 | 15                  | 1           | 8:00  | 9:10  | 1:10      | 17:30:00 |
|        |            | 15                  | 1           | 9:20  | 11:30 | 2:10      | 32:30:00 |
|        |            | 15                  | 1           | 11:45 | 12:50 | 1:05      | 16:15:00 |
|        |            | 15                  | 1           | 14:45 | 16:00 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 16:30 | 17:50 | 1:20      | 20:00:00 |
| 34     | 06/02/2016 | 15                  | 1           | 7:00  | 9:30  | 2:30      | 37:30:00 |
|        |            | 15                  | 1           | 9:50  | 13:00 | 3:10      | 47:30:00 |
|        |            | 15                  | 1           | 15:10 | 16:40 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 17:00 | 17:45 | 0:45      | 11:15:00 |
| 35     | 07/02/2016 | 15                  | 1           | 7:15  | 9:15  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 9:30  | 11:00 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 11:20 | 13:20 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 14:45 | 16:45 | 2:00      | 30:00:00 |
| 36     | 08/02/2016 | 15                  | 1           | 6:30  | 8:30  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 9:00  | 11:15 | 2:15      | 33:45:00 |
|        |            | 15                  | 1           | 12:00 | 13:15 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 15:30 | 17:00 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 17:20 | 18:00 | 0:40      | 10:00:00 |
| 37     | 09/02/2016 | 15                  | 1           | 7:30  | 10:15 | 2:45      | 41:15:00 |
|        |            | 15                  | 1           | 10:40 | 12:50 | 2:10      | 32:30:00 |
|        |            | 15                  | 1           | 14:20 | 16:40 | 2:20      | 35:00:00 |
|        |            | 15                  | 1           | 17:00 | 18:15 | 1:15      | 18:45:00 |
| 38     | 10/02/2016 | 15                  | 1           | 7:45  | 10:45 | 3:00      | 45:00:00 |
|        |            | 15                  | 1           | 11:15 | 12:30 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 14:10 | 16:15 | 2:05      | 31:15:00 |
|        |            | 15                  | 1           | 16:30 | 17:30 | 1:00      | 15:00:00 |
| 39     | 11/02/2016 | 15                  | 1           | 7:15  | 9:15  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 9:30  | 11:00 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 11:30 | 12:45 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 14:30 | 15:30 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 16:15 | 17:45 | 1:30      | 22:30:00 |
| 40     | 12/02/2016 | 15                  | 1           | 8:00  | 9:30  | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 10:00 | 12:30 | 2:30      | 37:30:00 |



12

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr    |
|--------|------------|---------------------|-------------|-------|-------|-----------|-----------|
|        |            |                     |             | From  | To    |           |           |
|        |            | 15                  | 1           | 14:15 | 15:00 | 0:45      | 11:15:00  |
|        |            | 15                  | 1           | 15:30 | 16:00 | 0:30      | 7:30:00   |
|        |            | 15                  | 1           | 16:30 | 18:00 | 1:30      | 22:30:00  |
| 41     | 13/02/2016 | 15                  | 1           | 7:35  | 10:35 | 3:00      | 45:00:00  |
|        |            | 15                  | 1           | 11:00 | 12:30 | 1:30      | 22:30:00  |
|        |            | 15                  | 1           | 13:50 | 14:50 | 1:00      | 15:00:00  |
|        |            | 15                  | 1           | 15:20 | 17:20 | 2:00      | 30:00:00  |
| 42     | 15/02/2016 | 15                  | 1           | 6:15  | 11:15 | 5:00      | 75:00:00  |
|        |            | 15                  | 1           | 12:00 | 12:30 | 0:30      | 7:30:00   |
|        |            | 15                  | 1           | 15:00 | 17:00 | 2:00      | 30:00:00  |
| 43     | 16/02/2016 | 10                  | 2           | 6:00  | 10:30 | 4:30      | 90:00:00  |
|        |            | 10                  | 2           | 11:10 | 13:10 | 2:00      | 40:00:00  |
|        |            | 10                  | 2           | 16:00 | 17:10 | 1:10      | 23:20:00  |
| 44     | 17/02/2016 | 10                  | 2           | 6:15  | 9:15  | 3:00      | 60:00:00  |
|        |            | 10                  | 2           | 12:00 | 14:00 | 2:00      | 40:00:00  |
|        |            | 10                  | 2           | 17:00 | 19:15 | 2:15      | 45:00:00  |
| 45     | 18/02/2016 | 10                  | 2           | 6:30  | 11:15 | 4:45      | 95:00:00  |
|        |            | 10                  | 2           | 12:30 | 13:30 | 1:00      | 20:00:00  |
|        |            | 10                  | 2           | 16:00 | 17:30 | 1:30      | 30:00:00  |
| 46     | 19/02/2016 | 10                  | 2           | 6:10  | 10:10 | 4:00      | 80:00:00  |
|        |            | 10                  | 2           | 12:00 | 13:00 | 1:00      | 20:00:00  |
|        |            | 10                  | 2           | 15:30 | 18:30 | 3:00      | 60:00:00  |
| 47     | 20/02/2016 | 10                  | 2           | 6:40  | 10:30 | 3:50      | 76:40:00  |
|        |            | 10                  | 2           | 11:30 | 13:00 | 1:30      | 30:00:00  |
|        |            | 10                  | 2           | 15:15 | 18:00 | 2:45      | 55:00:00  |
| 48     | 21/02/2016 | 10                  | 2           | 8:00  | 11:30 | 3:30      | 70:00:00  |
|        |            | 10                  | 2           | 11:45 | 13:10 | 1:25      | 28:20:00  |
|        |            | 10                  | 2           | 14:40 | 16:00 | 1:20      | 26:40:00  |
|        |            | 10                  | 2           | 16:10 | 17:30 | 1:20      | 26:40:00  |
| 49     | 22/02/2016 | 10                  | 2           | 9:15  | 11:15 | 2:00      | 40:00:00  |
|        |            | 10                  | 2           | 12:00 | 12:30 | 0:30      | 10:00:00  |
|        |            | 10                  | 2           | 15:10 | 17:40 | 2:30      | 50:00:00  |
| 50     | 23/02/2016 | 10                  | 2           | 6:30  | 11:30 | 5:00      | 100:00:00 |
|        |            | 10                  | 2           | 12:00 | 13:00 | 1:00      | 20:00:00  |
|        |            | 10                  | 2           | 15:30 | 18:00 | 2:30      | 50:00:00  |
| 51     | 24/02/2016 | 10                  | 2           | 7:00  | 10:00 | 3:00      | 60:00:00  |
|        |            | 10                  | 2           | 11:00 | 12:00 | 1:00      | 20:00:00  |
|        |            | 10                  | 2           | 14:00 | 15:00 | 1:00      | 20:00:00  |
|        |            | 10                  | 2           | 16:00 | 17:45 | 1:45      | 35:00:00  |
| 52     | 25/02/2016 | 10                  | 2           | 7:10  | 10:30 | 3:20      | 66:40:00  |
|        |            | 10                  | 2           | 12:30 | 13:30 | 1:00      | 20:00:00  |
|        |            | 10                  | 2           | 15:00 | 18:15 | 3:15      | 65:00:00  |
| 53     | 26/02/2016 | 20                  | 1           | 7:30  | 8:45  | 1:15      | 25:00:00  |
|        |            | 20                  | 1           | 9:10  | 11:10 | 2:00      | 40:00:00  |
|        |            | 20                  | 1           | 11:30 | 13:00 | 1:30      | 30:00:00  |



Handwritten mark resembling a stylized 'Z' or '7'.



12

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 20                  | 1           | 14:50 | 16:50 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 17:15 | 17:45 | 0:30      | 10:00:00 |
| 54     | 27/02/2016 | 20                  | 1           | 7:00  | 8:00  | 1:00      | 20:00:00 |
|        |            | 20                  | 1           | 8:30  | 9:00  | 0:30      | 10:00:00 |
|        |            | 20                  | 1           | 9:15  | 11:00 | 1:45      | 35:00:00 |
|        |            | 20                  | 1           | 11:20 | 12:30 | 1:10      | 23:20:00 |
|        |            | 20                  | 1           | 14:30 | 16:00 | 1:30      | 30:00:00 |
|        |            | 20                  | 1           | 16:35 | 18:05 | 1:30      | 30:00:00 |
| 55     | 01/03/2016 | 20                  | 1           | 8:00  | 10:00 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 11:30 | 13:30 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 15:00 | 16:30 | 1:30      | 30:00:00 |
|        |            | 20                  | 1           | 17:15 | 19:15 | 2:00      | 40:00:00 |
| 56     | 02/03/2016 | 20                  | 1           | 8:30  | 10:30 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 11:00 | 13:00 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 15:00 | 16:15 | 1:15      | 25:00:00 |
|        |            | 20                  | 1           | 17:00 | 18:45 | 1:45      | 35:00:00 |
| 57     | 03/03/2016 | 20                  | 1           | 7:45  | 10:00 | 2:15      | 45:00:00 |
|        |            | 20                  | 1           | 12:00 | 13:00 | 1:00      | 20:00:00 |
|        |            | 20                  | 1           | 15:15 | 16:15 | 1:00      | 20:00:00 |
|        |            | 20                  | 1           | 17:00 | 18:30 | 1:30      | 30:00:00 |
| 58     | 04/03/2016 | 20                  | 1           | 7:30  | 10:30 | 3:00      | 60:00:00 |
|        |            | 20                  | 1           | 11:30 | 12:30 | 1:00      | 20:00:00 |
|        |            | 20                  | 1           | 14:30 | 16:00 | 1:30      | 30:00:00 |
|        |            | 20                  | 1           | 17:00 | 18:30 | 1:30      | 30:00:00 |
| 59     | 05/03/2016 | 20                  | 1           | 8:00  | 10:00 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 11:00 | 13:00 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 15:30 | 16:30 | 1:00      | 20:00:00 |
|        |            | 20                  | 1           | 17:00 | 18:45 | 1:45      | 35:00:00 |
| 60     | 06/03/2016 | 20                  | 1           | 7:00  | 10:00 | 3:00      | 60:00:00 |
|        |            | 20                  | 1           | 11:30 | 13:30 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 16:00 | 17:00 | 1:00      | 20:00:00 |
| 61     | 07/03/2016 | 20                  | 1           | 8:10  | 9:30  | 1:20      | 26:40:00 |
|        |            | 20                  | 1           | 9:45  | 11:45 | 2:00      | 40:00:00 |
|        |            | 20                  | 1           | 12:30 | 13:10 | 0:40      | 13:20:00 |
|        |            | 20                  | 1           | 15:30 | 16:30 | 1:00      | 20:00:00 |
|        |            | 20                  | 1           | 17:10 | 18:40 | 1:30      | 30:00:00 |
| 62     | 08/03/2016 | 15                  | 1           | 7:00  | 9:00  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 11:00 | 12:00 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 12:30 | 13:00 | 0:30      | 7:30:00  |
|        |            | 15                  | 1           | 15:00 | 16:00 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 16:30 | 18:00 | 1:30      | 22:30:00 |
| 63     | 09/03/2016 | 15                  | 1           | 7:10  | 8:10  | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 9:00  | 11:00 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 12:00 | 12:30 | 0:30      | 7:30:00  |
|        |            | 15                  | 1           | 15:15 | 17:00 | 1:45      | 26:15:00 |



12

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :-

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K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
|        |            | 15                  | 1           | 17:15 | 18:15 | 1:00      | 15:00:00 |
| 64     | 10/03/2016 | 15                  | 1           | 8:00  | 11:30 | 3:30      | 52:30:00 |
|        |            | 15                  | 1           | 12:00 | 12:30 | 0:30      | 7:30:00  |
|        |            | 15                  | 1           | 15:00 | 16:00 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 17:00 | 18:00 | 1:00      | 15:00:00 |
| 65     | 11/03/2016 | 15                  | 1           | 7:00  | 9:00  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 10:00 | 12:00 | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 14:30 | 15:30 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 16:00 | 17:45 | 1:45      | 26:15:00 |
| 66     | 12/03/2016 | 15                  | 1           | 6:00  | 8:00  | 2:00      | 30:00:00 |
|        |            | 15                  | 1           | 9:30  | 10:30 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 11:00 | 12:00 | 1:00      | 15:00:00 |
|        |            | 15                  | 1           | 15:00 | 16:30 | 1:30      | 22:30:00 |
|        |            | 15                  | 1           | 17:00 | 18:00 | 1:00      | 15:00:00 |
| 67     | 14/03/2016 | 15                  | 1           | 7:00  | 10:00 | 3:00      | 45:00:00 |
|        |            | 15                  | 1           | 11:00 | 12:15 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 15:00 | 16:15 | 1:15      | 18:45:00 |
|        |            | 15                  | 1           | 17:00 | 18:00 | 1:00      | 15:00:00 |
| 68     | 15/03/2016 | 10                  | 1           | 7:15  | 8:30  | 1:15      | 12:30:00 |
|        |            | 10                  | 1           | 9:00  | 10:30 | 1:30      | 15:00:00 |
|        |            | 5                   | 2           | 7:30  | 9:15  | 1:45      | 17:30:00 |
|        |            | 5                   | 2           | 9:30  | 11:00 | 1:30      | 15:00:00 |
|        |            | 5                   | 2           | 11:40 | 12:45 | 1:05      | 10:50:00 |
|        |            | 5                   | 2           | 14:30 | 16:00 | 1:30      | 15:00:00 |
| 69     | 16/03/2016 | 10                  | 1           | 6:50  | 8:50  | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 9:20  | 11:00 | 1:40      | 16:40:00 |
|        |            | 5                   | 2           | 7:20  | 8:40  | 1:20      | 13:20:00 |
|        |            | 5                   | 2           | 9:00  | 11:30 | 2:30      | 25:00:00 |
|        |            | 5                   | 2           | 11:45 | 13:15 | 1:30      | 15:00:00 |
|        |            | 5                   | 2           | 15:00 | 16:15 | 1:15      | 12:30:00 |
|        |            | 5                   | 2           | 17:00 | 17:30 | 0:30      | 5:00:00  |
| 70     | 17/03/2016 | 10                  | 1           | 7:10  | 10:30 | 3:20      | 33:20:00 |
|        |            | 5                   | 2           | 7:25  | 9:30  | 2:05      | 20:50:00 |
|        |            | 5                   | 2           | 10:00 | 12:30 | 2:30      | 25:00:00 |
|        |            | 5                   | 2           | 14:10 | 16:30 | 2:20      | 23:20:00 |
|        |            | 5                   | 2           | 16:50 | 17:40 | 0:50      | 8:20:00  |
| 72     | 18/03/2016 | 10                  | 1           | 6:45  | 8:45  | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 9:00  | 10:15 | 1:15      | 12:30:00 |
|        |            | 5                   | 2           | 7:00  | 10:30 | 3:30      | 35:00:00 |
|        |            | 5                   | 2           | 11:30 | 12:40 | 1:10      | 11:40:00 |
|        |            | 5                   | 2           | 14:40 | 16:40 | 2:00      | 20:00:00 |
|        |            | 5                   | 2           | 17:00 | 17:50 | 0:50      | 8:20:00  |
| 73     | 19/03/2016 | 10                  | 1           | 7:00  | 9:00  | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 9:30  | 10:00 | 0:30      | 5:00:00  |
|        |            | 5                   | 2           | 7:15  | 10:00 | 2:45      | 27:30:00 |



12

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr |
|--------|------------|---------------------|-------------|-------|-------|-----------|--------|
|        |            |                     |             | From  | To    |           |        |
|        |            | 5                   | 2           | 10:20 | 12:30 | 2:10      | 21:40: |
|        |            | 5                   | 2           | 14:15 | 16:15 | 2:00      | 20:00: |
|        |            | 5                   | 2           | 16:35 | 17:35 | 1:00      | 10:00: |
| 74     | 21/03/2016 | 10                  | 1           | 6:20  | 9:30  | 3:10      | 31:40: |
|        |            | 10                  | 1           | 9:40  | 10:30 | 0:50      | 8:20:  |
|        |            | 5                   | 2           | 6:50  | 9:50  | 3:00      | 30:00: |
|        |            | 5                   | 2           | 10:30 | 13:00 | 2:30      | 25:00: |
|        |            | 5                   | 2           | 15:15 | 17:30 | 2:15      | 22:30: |
| 75     | 22/03/2016 | 15                  | 1           | 7:00  | 9:00  | 2:00      | 30:00: |
|        |            | 15                  | 1           | 10:00 | 11:30 | 1:30      | 22:30: |
|        |            | 15                  | 1           | 15:30 | 16:30 | 1:00      | 15:00: |
| 76     | 23/03/2016 | 15                  | 1           | 17:00 | 18:00 | 1:00      | 15:00: |
|        |            | 15                  | 1           | 7:30  | 10:00 | 2:30      | 37:30: |
|        |            | 15                  | 1           | 11:00 | 12:00 | 1:00      | 15:00: |
|        |            | 15                  | 1           | 15:00 | 16:30 | 1:30      | 22:30: |
| 77     | 25/03/2016 | 15                  | 1           | 17:00 | 18:30 | 1:30      | 22:30: |
|        |            | 15                  | 1           | 8:00  | 11:00 | 3:00      | 45:00: |
|        |            | 15                  | 1           | 14:30 | 15:00 | 0:30      | 7:30:  |
| 78     | 26/03/2016 | 15                  | 1           | 15:30 | 17:30 | 2:00      | 30:00: |
|        |            | 15                  | 1           | 7:15  | 10:00 | 2:45      | 41:15: |
|        |            | 15                  | 1           | 11:15 | 12:15 | 1:00      | 15:00: |
|        |            | 15                  | 1           | 15:15 | 16:15 | 1:00      | 15:00: |
| 79     | 27/03/2016 | 15                  | 1           | 16:30 | 17:30 | 1:00      | 15:00: |
|        |            | 15                  | 1           | 7:30  | 10:30 | 3:00      | 45:00: |
|        |            | 15                  | 1           | 11:15 | 12:45 | 1:30      | 22:30: |
|        |            | 15                  | 1           | 14:00 | 16:30 | 2:30      | 37:30: |
| 80     | 28/03/2016 | 15                  | 1           | 16:50 | 17:50 | 1:00      | 15:00: |
|        |            | 15                  | 1           | 8:15  | 9:30  | 1:15      | 18:45: |
|        |            | 15                  | 1           | 10:00 | 11:30 | 1:30      | 22:30: |
|        |            | 15                  | 1           | 12:05 | 13:15 | 1:10      | 17:30: |
|        |            | 15                  | 1           | 14:30 | 15:30 | 1:00      | 15:00: |
| 81     | 29/03/2016 | 15                  | 1           | 16:00 | 18:00 | 2:00      | 30:00: |
|        |            | 15                  | 1           | 8:00  | 10:00 | 2:00      | 30:00: |
|        |            | 15                  | 1           | 10:30 | 12:30 | 2:00      | 30:00: |
|        |            | 15                  | 1           | 14:15 | 16:45 | 2:30      | 37:30: |
| 82     | 30/03/2016 | 15                  | 1           | 17:00 | 18:15 | 1:15      | 18:45: |
|        |            | 15                  | 1           | 8:30  | 10:00 | 1:30      | 22:30: |
|        |            | 15                  | 1           | 10:15 | 11:15 | 1:00      | 15:00: |
|        |            | 15                  | 1           | 11:45 | 13:00 | 1:15      | 18:45: |
|        |            | 15                  | 1           | 15:10 | 17:10 | 2:00      | 30:00: |
| 83     | 31/03/2016 | 15                  | 1           | 17:30 | 18:15 | 0:45      | 11:15: |
|        |            | 15                  | 1           | 8:10  | 10:30 | 2:20      | 35:00: |
|        |            | 15                  | 1           | 11:00 | 12:30 | 1:30      | 22:30: |
|        |            | 15                  | 1           | 14:30 | 16:30 | 2:00      | 30:00: |
|        |            | 15                  | 1           | 16:50 | 17:50 | 1:00      | 15:00: |



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K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity<br>in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|------------------------|-------------|-------|-------|-----------|----------|
|        |            |                        |             | From  | To    |           |          |
| 84     | 01/04/2016 | 20                     | 1           | 6:15  | 9:15  | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 10:00 | 12:00 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 15:00 | 16:00 | 1:00      | 20:00:00 |
|        |            | 20                     | 1           | 16:30 | 18:30 | 2:00      | 40:00:00 |
| 85     | 02/04/2016 | 20                     | 1           | 6:00  | 8:00  | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 9:30  | 12:30 | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 14:45 | 15:30 | 0:45      | 15:00:00 |
| 86     | 04/04/2016 | 20                     | 1           | 16:00 | 17:15 | 1:15      | 25:00:00 |
|        |            | 20                     | 1           | 7:00  | 10:30 | 3:30      | 70:00:00 |
|        |            | 20                     | 1           | 11:00 | 12:15 | 1:15      | 25:00:00 |
|        |            | 20                     | 1           | 15:00 | 17:00 | 2:00      | 40:00:00 |
| 87     | 05/04/2016 | 20                     | 1           | 17:15 | 18:30 | 1:15      | 25:00:00 |
|        |            | 20                     | 1           | 6:30  | 9:30  | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 10:30 | 12:30 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 14:45 | 16:00 | 1:15      | 25:00:00 |
| 88     | 07/04/2016 | 20                     | 1           | 16:30 | 18:30 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 6:45  | 7:00  | 0:15      | 5:00:00  |
|        |            | 20                     | 1           | 7:30  | 10:30 | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 11:00 | 12:45 | 1:45      | 35:00:00 |
| 89     | 08/04/2016 | 20                     | 1           | 15:00 | 16:00 | 1:00      | 20:00:00 |
|        |            | 20                     | 1           | 16:30 | 18:30 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 6:30  | 9:30  | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 10:00 | 12:00 | 2:00      | 40:00:00 |
| 90     | 09/04/2016 | 20                     | 1           | 14:45 | 15:30 | 0:45      | 15:00:00 |
|        |            | 20                     | 1           | 16:00 | 18:00 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 7:00  | 10:30 | 3:30      | 70:00:00 |
|        |            | 20                     | 1           | 11:00 | 11:30 | 0:30      | 10:00:00 |
| 91     | 11/04/2016 | 20                     | 1           | 12:00 | 12:45 | 0:45      | 15:00:00 |
|        |            | 20                     | 1           | 15:15 | 16:00 | 0:45      | 15:00:00 |
|        |            | 20                     | 1           | 16:30 | 19:00 | 2:30      | 50:00:00 |
|        |            | 25                     | 1           | 6:15  | 7:00  | 0:45      | 18:45:00 |
| 92     | 12/04/2016 | 25                     | 1           | 7:30  | 10:00 | 2:30      | 62:30:00 |
|        |            | 25                     | 1           | 11:00 | 12:30 | 1:30      | 37:30:00 |
|        |            | 25                     | 1           | 14:30 | 15:30 | 1:00      | 25:00:00 |
|        |            | 25                     | 1           | 16:00 | 18:30 | 2:30      | 62:30:00 |
| 93     | 13/04/2016 | 20                     | 1           | 6:15  | 9:15  | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 10:00 | 12:00 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 14:30 | 15:30 | 1:00      | 20:00:00 |
|        |            | 20                     | 1           | 16:00 | 18:15 | 2:15      | 45:00:00 |
| 94     | 14/04/2016 | 20                     | 1           | 6:00  | 9:00  | 3:00      | 60:00:00 |
|        |            | 20                     | 1           | 10:30 | 12:30 | 2:00      | 40:00:00 |
|        |            | 20                     | 1           | 15:00 | 16:30 | 1:30      | 30:00:00 |
|        |            | 20                     | 1           | 17:00 | 19:00 | 2:00      | 40:00:00 |
| 94     | 14/04/2016 | 25                     | 1           | 7:00  | 8:15  | 1:15      | 31:15:00 |



Handwritten signature or mark.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon. CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-

Page No. :-

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K Sewer 9th RA (C) Dewatering RA9

| Sr.No.                             | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs   | Bhp/Hr          |
|------------------------------------|------------|---------------------|-------------|-------|-------|-------------|-----------------|
|                                    |            |                     |             | From  | To    |             |                 |
|                                    |            | 25                  | 1           | 10:00 | 12:45 | 2:45        | 68:45:00        |
|                                    |            | 25                  | 1           | 15:15 | 16:15 | 1:00        | 25:00:00        |
|                                    |            | 25                  | 1           | 16:30 | 19:00 | 2:30        | 62:30:00        |
| 95                                 | 20/04/2016 | 25                  | 1           | 9:00  | 11:30 | 2:30        | 62:30:00        |
|                                    |            | 25                  | 1           | 12:10 | 13:10 | 1:00        | 25:00:00        |
|                                    |            | 25                  | 1           | 15:00 | 17:30 | 2:30        | 62:30:00        |
| 96                                 | 21/04/2016 | 25                  | 1           | 8:30  | 10:00 | 1:30        | 37:30:00        |
|                                    |            | 25                  | 1           | 10:30 | 12:30 | 2:00        | 50:00:00        |
|                                    |            | 25                  | 1           | 14:15 | 16:15 | 2:00        | 50:00:00        |
|                                    |            | 25                  | 1           | 16:30 | 17:15 | 0:45        | 18:45:00        |
| 97                                 | 22/04/2016 | 20                  | 1           | 9:30  | 11:00 | 1:30        | 30:00:00        |
|                                    |            | 20                  | 1           | 15:00 | 17:00 | 2:00        | 40:00:00        |
| 98                                 | 23/04/2016 | 20                  | 1           | 9:00  | 10:00 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 10:30 | 11:30 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 15:30 | 17:00 | 1:30        | 30:00:00        |
| 99                                 | 25/04/2016 | 20                  | 1           | 9:15  | 11:30 | 2:15        | 45:00:00        |
|                                    |            | 20                  | 1           | 14:00 | 15:30 | 1:30        | 30:00:00        |
| 100                                | 26/04/2016 | 20                  | 1           | 9:30  | 10:00 | 0:30        | 10:00:00        |
|                                    |            | 20                  | 1           | 10:15 | 11:15 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 16:00 | 17:00 | 1:00        | 20:00:00        |
| 101                                | 28/04/2016 | 20                  | 1           | 10:00 | 11:00 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 11:30 | 12:00 | 0:30        | 10:00:00        |
|                                    |            | 20                  | 1           | 14:30 | 15:30 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 16:30 | 17:00 | 0:30        | 10:00:00        |
| 102                                | 29/04/2016 | 20                  | 1           | 9:10  | 10:10 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 11:00 | 12:00 | 1:00        | 20:00:00        |
|                                    |            | 20                  | 1           | 14:45 | 16:45 | 2:00        | 40:00:00        |
|                                    |            |                     |             |       |       | <b>1:32</b> | <b>11741:10</b> |
| At Beed Bypass Road - 1400 mm Dia. |            |                     |             |       |       |             |                 |
| 1                                  | 24/12/2015 | 10                  | 1           | 8:30  | 10:30 | 2:00        | 20:00:00        |
|                                    |            | 10                  | 1           | 14:30 | 16:30 | 2:00        | 20:00:00        |
| 2                                  | 25/12/2015 | 10                  | 1           | 9:00  | 12:00 | 3:00        | 30:00:00        |
|                                    |            | 10                  | 1           | 14:00 | 16:00 | 2:00        | 20:00:00        |
| 3                                  | 26/12/2015 | 10                  | 1           | 8:00  | 10:00 | 2:00        | 20:00:00        |
|                                    |            | 10                  | 1           | 14:00 | 15:30 | 1:30        | 15:00:00        |
| 4                                  | 27/12/2015 | 10                  | 1           | 7:30  | 10:30 | 3:00        | 30:00:00        |
|                                    |            | 10                  | 1           | 15:30 | 16:30 | 1:00        | 10:00:00        |
| 5                                  | 28/12/2015 | 10                  | 1           | 7:30  | 10:30 | 3:00        | 30:00:00        |
| 6                                  | 29/12/2015 | 10                  | 1           | 8:00  | 11:30 | 3:30        | 35:00:00        |
| 7                                  | 30/12/2015 | 10                  | 1           | 11:00 | 15:30 | 4:30        | 45:00:00        |
| 8                                  | 31/12/2015 | 10                  | 1           | 7:00  | 10:00 | 3:00        | 30:00:00        |
|                                    |            | 10                  | 1           | 14:30 | 15:30 | 1:00        | 10:00:00        |
| 9                                  | 01/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30        | 35:00:00        |
|                                    |            | 10                  | 1           | 14:00 | 14:30 | 0:30        | 5:00:00         |
| 10                                 | 02/01/2016 | 10                  | 1           | 7:30  | 11:00 | 3:30        | 35:00:00        |



Handwritten mark resembling a stylized 'V' or '7'.

17

K Sewer 9th RA (C) Dewatering RA9

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
| 11     | 03/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
| 12     | 04/01/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 12:00 | 12:30 | 0:30      | 5:00:00  |
| 13     | 05/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 13:30 | 14:00 | 0:30      | 5:00:00  |
| 14     | 06/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
| 15     | 07/01/2016 | 10                  | 1           | 7:30  | 11:00 | 3:30      | 35:00:00 |
|        |            | 10                  | 1           | 15:00 | 15:30 | 0:30      | 5:00:00  |
| 16     | 08/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 16:00 | 16:30 | 0:30      | 5:00:00  |
| 17     | 09/01/2016 | 10                  | 1           | 7:00  | 11:00 | 4:00      | 40:00:00 |
| 18     | 10/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
| 19     | 11/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
|        |            | 10                  | 1           | 16:00 | 16:30 | 0:30      | 5:00:00  |
| 20     | 12/01/2016 | 10                  | 1           | 8:00  | 13:40 | 5:40      | 56:40:00 |
| 21     | 13/01/2016 | 10                  | 1           | 7:00  | 11:00 | 4:00      | 40:00:00 |
|        |            | 10                  | 1           | 15:00 | 15:30 | 0:30      | 5:00:00  |
| 22     | 14/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
| 23     | 15/01/2016 | 10                  | 1           | 7:30  | 10:30 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 14:00 | 16:00 | 2:00      | 20:00:00 |
| 24     | 16/01/2016 | 10                  | 1           | 8:00  | 10:30 | 2:30      | 25:00:00 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:00 |
| 25     | 20/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
| 26     | 21/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 13:00 | 13:30 | 0:30      | 5:00:00  |
| 27     | 22/01/2016 | 10                  | 1           | 7:30  | 10:30 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 13:30 | 14:00 | 0:30      | 5:00:00  |
| 28     | 23/01/2016 | 10                  | 1           | 8:00  | 10:30 | 2:30      | 25:00:00 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:00 |
| 29     | 24/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
| 30     | 25/01/2016 | 10                  | 1           | 7:30  | 10:00 | 2:30      | 25:00:00 |
|        |            | 10                  | 1           | 14:00 | 15:30 | 1:30      | 15:00:00 |
| 31     | 27/01/2016 | 10                  | 1           | 7:30  | 13:30 | 6:00      | 60:00:00 |
| 32     | 28/01/2016 | 10                  | 1           | 7:30  | 9:00  | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 14:00 | 16:00 | 2:00      | 20:00:00 |
| 33     | 29/01/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
| 34     | 30/01/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:00 |
|        |            | 10                  | 1           | 14:30 | 15:30 | 1:00      | 10:00:00 |
| 35     | 01/02/2016 | 10                  | 1           | 7:00  | 10:30 | 3:30      | 35:00:00 |
| 36     | 02/02/2016 | 10                  | 1           | 8:00  | 10:30 | 2:30      | 25:00:00 |
| 37     | 03/02/2016 | 10                  | 1           | 7:30  | 11:00 | 3:30      | 35:00:00 |
| 38     | 04/02/2016 | 10                  | 1           | 8:30  | 11:30 | 3:00      | 30:00:00 |
| 39     | 05/02/2016 | 10                  | 1           | 7:00  | 11:00 | 4:00      | 40:00:00 |
| 40     | 06/02/2016 | 10                  | 1           | 8:00  | 10:30 | 2:30      | 25:00:00 |
| 41     | 07/02/2016 | 10                  | 1           | 7:30  | 10:30 | 3:00      | 30:00:00 |



17



| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr  |
|--------|------------|---------------------|-------------|-------|-------|-----------|---------|
|        |            |                     |             | From  | To    |           |         |
| 42     | 08/02/2016 | 10                  | 1           | 7:00  | 11:00 | 4:00      | 40:00:0 |
| 43     | 09/02/2016 | 10                  | 1           | 7:30  | 9:30  | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:0 |
| 44     | 10/02/2016 | 10                  | 1           | 7:30  | 10:30 | 3:00      | 30:00:0 |
| 45     | 11/02/2016 | 10                  | 1           | 8:00  | 11:30 | 3:30      | 35:00:0 |
| 46     | 12/02/2016 | 10                  | 1           | 7:00  | 11:00 | 4:00      | 40:00:0 |
| 47     | 13/02/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 13:30 | 15:30 | 2:00      | 20:00:0 |
| 48     | 15/02/2016 | 10                  | 1           | 7:00  | 11:00 | 4:00      | 40:00:0 |
|        |            | 10                  | 1           | 14:30 | 16:00 | 1:30      | 15:00:0 |
| 49     | 29/02/2016 | 10                  | 1           | 8:00  | 11:00 | 3:00      | 30:00:0 |
|        |            | 10                  | 1           | 11:30 | 13:30 | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 14:30 | 17:30 | 3:00      | 30:00:0 |
| 50     | 01/03/2016 | 10                  | 1           | 7:30  | 9:30  | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 12:00 | 13:30 | 1:30      | 15:00:0 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:0 |
| 51     | 02/03/2016 | 10                  | 1           | 8:30  | 10:00 | 1:30      | 15:00:0 |
|        |            | 10                  | 1           | 13:30 | 14:30 | 1:00      | 10:00:0 |
| 52     | 03/03/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 12:30 | 14:00 | 1:30      | 15:00:0 |
| 53     | 04/03/2016 | 10                  | 1           | 7:30  | 9:30  | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 13:30 | 14:30 | 1:00      | 10:00:0 |
| 54     | 05/03/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 13:30 | 14:30 | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 16:00 | 17:00 | 1:00      | 10:00:0 |
| 55     | 08/03/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:0 |
| 56     | 09/03/2016 | 10                  | 1           | 9:00  | 10:30 | 1:30      | 15:00:0 |
|        |            | 10                  | 1           | 12:00 | 13:00 | 1:00      | 10:00:0 |
| 57     | 10/03/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 14:00 | 15:00 | 1:00      | 10:00:0 |
| 58     | 11/03/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:0 |
|        |            | 10                  | 1           | 13:00 | 14:00 | 1:00      | 10:00:0 |
| 59     | 14/03/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 16:00 | 17:30 | 1:30      | 15:00:0 |
| 60     | 15/03/2016 | 10                  | 1           | 9:30  | 11:00 | 1:30      | 15:00:0 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:0 |
| 61     | 18/03/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 15:30 | 17:00 | 1:30      | 15:00:0 |
| 62     | 19/03/2016 | 10                  | 1           | 9:30  | 10:30 | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 16:00 | 17:00 | 1:00      | 10:00:0 |
| 63     | 20/03/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 15:00 | 16:30 | 1:30      | 15:00:0 |
| 64     | 21/03/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:0 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:0 |



12

| Sr.No. | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs | Bhp/Hr   |
|--------|------------|---------------------|-------------|-------|-------|-----------|----------|
|        |            |                     |             | From  | To    |           |          |
| 65     | 22/03/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 16:00 | 17:30 | 1:30      | 15:00:00 |
| 66     | 23/03/2016 | 10                  | 1           | 9:00  | 10:30 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 14:00 | 14:30 | 0:30      | 5:00:00  |
| 67     | 26/03/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00      | 10:00:00 |
| 68     | 27/03/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:00 |
| 69     | 28/03/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:00 |
| 70     | 29/03/2016 | 10                  | 1           | 8:30  | 10:00 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 15:00 | 15:30 | 0:30      | 5:00:00  |
| 71     | 30/03/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 14:00 | 14:30 | 0:30      | 5:00:00  |
| 72     | 01/04/2016 | 10                  | 1           | 8:00  | 9:30  | 1:30      | 15:00:00 |
| 73     | 02/04/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:00 |
| 74     | 03/04/2016 | 10                  | 1           | 8:30  | 10:30 | 2:00      | 20:00:00 |
| 75     | 04/04/2016 | 10                  | 1           | 7:30  | 9:00  | 1:30      | 15:00:00 |
| 76     | 05/04/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:00 |
| 77     | 06/04/2016 | 10                  | 1           | 8:30  | 10:30 | 2:00      | 20:00:00 |
| 78     | 07/04/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
| 79     | 14/04/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
| 80     | 15/04/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 14:30 | 16:00 | 1:30      | 15:00:00 |
| 81     | 17/04/2016 | 10                  | 1           | 9:00  | 11:00 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 15:00 | 15:30 | 0:30      | 5:00:00  |
| 82     | 18/04/2016 | 10                  | 1           | 7:30  | 9:00  | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 12:30 | 13:00 | 0:30      | 5:00:00  |
|        |            | 10                  | 1           | 16:00 | 16:30 | 0:30      | 5:00:00  |
| 83     | 19/04/2016 | 10                  | 1           | 8:30  | 10:00 | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 16:00 | 16:30 | 0:30      | 5:00:00  |
| 84     | 20/04/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 16:00 | 17:00 | 1:00      | 10:00:00 |
| 85     | 21/04/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 14:30 | 15:30 | 1:00      | 10:00:00 |
| 86     | 22/04/2016 | 10                  | 1           | 8:30  | 9:30  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 13:30 | 14:30 | 1:00      | 10:00:00 |
| 87     | 23/04/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 8:00  | 12:00 | 4:00      | 40:00:00 |
| 88     | 25/04/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00      | 20:00:00 |
|        |            | 10                  | 1           | 15:00 | 15:30 | 0:30      | 5:00:00  |
| 87     | 28/04/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 15:30 | 16:00 | 0:30      | 5:00:00  |
| 88     | 29/04/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00      | 10:00:00 |
|        |            | 10                  | 1           | 15:00 | 16:00 | 1:00      | 10:00:00 |
| 89     | 30/04/2016 | 10                  | 1           | 8:00  | 9:30  | 1:30      | 15:00:00 |
|        |            | 10                  | 1           | 15:00 | 15:30 | 0:30      | 5:00:00  |



12

Name of work: Development of Underground Sewage Collection system for Zone I to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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06

Name of Agency: M/s Khilari Infrastructure Pvt Ltd. & GECPI (Joint Venture)

20

K Sewer 9th RA (C) Dewatering RA9

| Sr.No.                              | Date       | Pump Capacity in Hp | No.of Pumps | Time  |       | Total Hrs    | Bhp/Hr             |
|-------------------------------------|------------|---------------------|-------------|-------|-------|--------------|--------------------|
|                                     |            |                     |             | From  | To    |              |                    |
| 90                                  | 02/05/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00         | 10:00:00           |
|                                     |            | 10                  | 1           | 15:00 | 16:00 | 1:00         | 10:00:00           |
| 91                                  | 03/05/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00         | 10:00:00           |
|                                     |            | 10                  | 1           | 16:30 | 17:30 | 1:00         | 10:00:00           |
| 92                                  | 04/05/2016 | 10                  | 1           | 8:00  | 10:00 | 2:00         | 20:00:00           |
| 93                                  | 05/05/2016 | 10                  | 1           | 8:00  | 9:00  | 1:00         | 10:00:00           |
|                                     |            | 10                  | 1           | 14:30 | 15:30 | 1:00         | 10:00:00           |
| 94                                  | 06/05/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00         | 10:00:00           |
|                                     |            | 10                  | 1           | 15:00 | 16:00 | 1:00         | 10:00:00           |
| 95                                  | 07/05/2016 | 10                  | 1           | 8:30  | 10:00 | 1:30         | 15:00:00           |
|                                     |            | 10                  | 1           | 16:00 | 17:00 | 1:00         | 10:00:00           |
| 96                                  | 09/05/2016 | 10                  | 1           | 9:00  | 10:00 | 1:00         | 10:00:00           |
|                                     |            | 10                  | 1           | 15:30 | 16:00 | 0:30         | 5:00:00            |
| 97                                  | 11/05/2016 | 10                  | 1           | 9:30  | 10:00 | 0:30         | 5:00:00            |
|                                     |            | 10                  | 1           | 16:00 | 17:00 | 1:00         | 10:00:00           |
|                                     |            |                     |             |       |       | <b>11:10</b> | <b>2991:40:00</b>  |
| <b>at Kabara Nagar - 400mm Dia.</b> |            |                     |             |       |       |              |                    |
| 1                                   | 22/02/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
|                                     |            | 5                   | 1           | 9:00  | 12:00 | 3:00         | 15:00:00           |
| 2                                   | 23/02/2016 | 15                  | 1           | 7:00  | 13:00 | 6:00         | 90:00:00           |
|                                     |            | 5                   | 1           | 14:00 | 16:00 | 2:00         | 10:00:00           |
| 3                                   | 24/02/2016 | 15                  | 1           | 9:00  | 13:00 | 4:00         | 60:00:00           |
|                                     |            | 5                   | 1           | 14:30 | 16:30 | 2:00         | 10:00:00           |
| 4                                   | 25/02/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
|                                     |            | 5                   | 1           | 13:30 | 17:30 | 4:00         | 20:00:00           |
| 5                                   | 26/02/2016 | 15                  | 1           | 7:30  | 12:30 | 5:00         | 75:00:00           |
| 6                                   | 27/02/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
| 7                                   | 28/02/2016 | 15                  | 1           | 8:00  | 12:30 | 4:30         | 67:30:00           |
| 8                                   | 29/02/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
| 9                                   | 01/03/2016 | 15                  | 1           | 7:30  | 12:30 | 5:00         | 75:00:00           |
| 10                                  | 02/03/2016 | 15                  | 1           | 9:00  | 13:00 | 4:00         | 60:00:00           |
| 11                                  | 03/03/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
| 12                                  | 04/03/2016 | 15                  | 1           | 8:00  | 12:30 | 4:30         | 67:30:00           |
| 13                                  | 05/03/2016 | 15                  | 1           | 8:30  | 13:00 | 4:30         | 67:30:00           |
| 14                                  | 06/03/2016 | 15                  | 1           | 9:00  | 13:00 | 4:00         | 60:00:00           |
| 15                                  | 07/03/2016 | 15                  | 1           | 8:30  | 12:00 | 3:30         | 52:30:00           |
| 16                                  | 08/03/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
| 17                                  | 09/03/2016 | 15                  | 1           | 8:30  | 13:00 | 4:30         | 67:30:00           |
| 18                                  | 10/03/2016 | 15                  | 1           | 9:00  | 13:00 | 4:00         | 60:00:00           |
| 19                                  | 11/03/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
| 20                                  | 12/03/2016 | 15                  | 1           | 8:00  | 13:00 | 5:00         | 75:00:00           |
| 21                                  | 13/03/2016 | 15                  | 1           | 8:30  | 12:00 | 3:30         | 52:30:00           |
|                                     |            |                     |             |       |       | <b>12:00</b> | <b>1510:00:00</b>  |
| <b>Total</b>                        |            |                     |             |       |       |              | <b>26254:00:00</b> |
|                                     |            |                     |             |       |       |              | <b>26254</b>       |



12



Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01.07.2014

1

K Sewer 9th RA (C) Steel

**9th R A BILL MEASURMENTS**

**K Sewer 600 mm Dia. (Sahas Society)**

**Strom Water Line Manhole Top Slab Casting**

| Sr.No. | Description                   | No. of slab | Dia of Bar | Spacing | Nos   | No of members | Total Nos | cut length | Lap length | overall cutting length | 8mm(MT) |
|--------|-------------------------------|-------------|------------|---------|-------|---------------|-----------|------------|------------|------------------------|---------|
| A      | Top Slab                      |             |            |         |       |               |           |            |            |                        |         |
| MH1    | # 8 @100 C/C Along long side  | 1.00        | 8.00       | 0.10    | 13.00 | 1.00          | 13.0      | 2.35       | 0.00       | 30.55                  | 0.012   |
|        | # 8 @100 C/C Along Short side | 1.00        | 8.00       | 0.10    | 22.00 | 1.00          | 22.0      | 1.45       | 0.00       | 31.90                  | 0.013   |
| MH2    | # 8 @100 C/C Along long side  | 1.00        | 8.00       | 0.10    | 10.00 | 1.00          | 10.0      | 2.05       | 0.00       | 20.50                  | 0.008   |
|        | # 8 @100 C/C Along Short side | 1.00        | 8.00       | 0.10    | 19.00 | 1.00          | 19.0      | 1.15       | 0.00       | 21.85                  | 0.009   |
| MH3    | # 8 @100 C/C Along long side  | 1.00        | 8.00       | 0.10    | 8.00  | 1.00          | 8.0       | 2.15       | 0.00       | 17.20                  | 0.007   |
|        | # 8 @100 C/C Along Short side | 1.00        | 8.00       | 0.10    | 20.00 | 1.00          | 20.0      | 0.95       | 0.00       | 19.00                  | 0.008   |
| Total  |                               |             |            |         |       |               |           |            |            |                        | 0.056   |



12

**Name of work:-** Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Gotwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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**Name of Agency:-** M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Authority No. AMC/Aur.L.R.&C/UDSSMT/2014/184 Date 01.07.2014

1

K Sewer 9th RA (C) Extra Work

**Main Sewer K**

**9<sup>th</sup> RA BILL MEASUREMENTS**

**Measurement Sheet For Extra Work**

| Sr. No.   | Descriptions of Items  | Nos | L     | B   | D    | Unit | Qty   | Total Qty. |
|---|--|-----|-------|-----|------|------|-------|------------|
| <b>A Hamalwada :- (UCR Wall Work) Hamalwada Beetwen Manhole NO. K 72 to k 73</b>                                  |  |     |       |     |      |      |       |            |
| 1   | Extra Item No., 5) c:-<br>Construction of UCR Masonary Work  | 1   | 7.50  | 0.6 | 3.00 | Cum  | 13.50 | 13.500     |
| <b>B Easy Day Mall to Shivaji Nagar:- (UCR Wall Work) Beetwen Manhole K114.13 to K114.16</b>                      |  |     |       |     |      |      |       |            |
| 1   | Extra Item No., 5) c:-<br>Construction of UCR Masonary Work  | 1   | 16.00 | 0.6 | 1.00 | Cum  | 9.60  | 9.600      |
| <b>C Easy Day Mall to Shivaji Nagar:- (PCC Bellow UCR Wall ) Beetwen Manhole K114.13 to K114.16</b>               |  |     |       |     |      |      |       |            |
| 1   | Extra Item No., 5) b:-<br>Providing & casting M 15 Grade Concrete  | 1   | 10.00 | 1.5 | 0.15 | Cum  | 2.25  | 2.250      |
| <b>D Cigma Hospital 600mm Dia Line:- Connection of DI Pipe (Water Line) Laying &amp; Jointing</b>                 |  |     |       |     |      |      |       |            |
| 1   | Item No., 18:- Providing and Laying DI Pipe (DI K9)<br>a) 150mm Dia.   | 1   | 4.00  | 0   | 0.00 | Rmt  | 4.00  | 4.000      |
| 2   | Item No., 33:- Making Cross Connection to Existing line<br>d) DI Pipe Joint 150mm  | 1   | 2.00  | 0   | 0.00 | Nos  | 2.00  | 2.000      |
| <b>E At K Sewer Main From Durga Chowk to Sutgirmi :- Connection of DI Pipe (Water Line) Laying &amp; Jointing</b> |  |     |       |     |      |      |       |            |
| 1   | Item No., 18:- Providing and Laying DI Pipe (DI K9)<br>a) 150mm Dia. (At Krida Sankul Aurangabad)  | 2   | 3.50  | 0   | 0.00 | Rmt  | 7.00  | 7.000      |
|   | a) 150mm Dia. (At Sutgirmi Chowk)  | 1   | 6.00  | 0   | 0.00 | Rmt  | 6.00  | 6.000      |
|   | b) 200mm Dia. (At Easy Day Mall)   | 2   | 3.00  | 0   | 0.00 | Rmt  | 6.00  | 6.000      |
| 2   | Item No., 33:- Making Cross Connection to Existing line<br>d) 150mm Dia. (At Krida Sankul Aurangabad)  | 1   | 4.00  | 0   | 0.00 | Nos  | 4.00  | 4.000      |
|   | d) 150mm Dia. (At Sutgirmi Chowk)  | 1   | 2.00  | 0   | 0.00 | Nos  | 2.00  | 2.000      |
|   | e) 200mm Dia. (At Easy Day Mall)   | 1   | 4.00  | 0   | 0.00 | Nos  | 4.00  | 4.000      |
| <b>F At K Sewer Main From Durga Chowk to Sutgirmi :-Casting of RCC Manole Top Slab Over Strom Water Line</b>      |  |     |       |     |      |      |       |            |
|   | Item No., 6:-<br>Providing and laying in situ Cement concrete on trap/granite /quartzite/gneiss metal for RCC work in foundation like raft,grillage,strip foundation and footing of RCC columns and steel stanchions including normal dewatering ,form work ,bally,steel reinforcement                     |     |       |     |      |      |       |            |
|   | MH 1   | 1   | 2.10  | 1.2 | 0.20 | Cum  | 0.50  | 0.504      |
|   | MH 2   | 1   | 1.80  | 0.9 | 0.20 | Cum  | 0.32  | 0.324      |
|   | MH 3   | 1   | 1.90  | 0.7 | 0.20 | Cum  | 0.27  | 0.266      |
|   |  |     |       |     |      | Cum  |       | 1.094      |
|   | Item No., 28 STEEL REINFORCEMENT<br>Providing and fixing in position steel bar reinforcement of various diameters for RCC piles caps ,footing foundations, slabs, beams, columns ,canopies, staircases, newels ,chajjas lintels, pardies, copings ,fins arches ,etc. as per detailed designs, drawings and |     |       |     |      | MT   | 0.056 | 0.056      |



Handwritten mark resembling a stylized 'V' or '7'.

1

K Sewer 9th RA (C) Manhole

**9th RA BILL MEASUREMENTS**  
**SEWER "K"**

Item No. 21:- Providing and constructing on sewer BBM manhole 1.2 m dia at bottom and 0.5 m dia at top and up to a depth of 2.0 M

| Sr.No.   | Reference (MB no. & Page no.) | Chainage | MH No         | MTL     | IL      | Depth | Depth Difference than 2 m | Total Difference | Rebate/Add for Excess height (per 50 cm) |
|--|-------------------------------|----------|---------------|---------|---------|-------|---------------------------|------------------|--|
| <b>K Sewer-600mm Dia- Sutgirani to Malhar colony</b> |                               |          |               |         |         |       |                           |                  |  |
| 1  |                               | 13.75    | KSV 1         | 579.480 | 576.430 | 3.05  | 1.05                      |                  |  |
| 2  |                               | 49.75    | KSV 2         | 578.990 | 576.690 | 2.30  | 0.30                      |                  |  |
| 3  |                               | 58.25    | KSV 3         | 579.220 | 576.920 | 2.30  | 0.30                      |                  |  |
| 4  |                               | 104.25   | KSV 4         | 579.720 | 577.320 | 2.40  | 0.40                      |                  |  |
| 5  |                               | 120.25   | KSV 5         | 579.780 | 577.580 | 2.20  | 0.20                      |                  |  |
| 6  |                               | 147.75   | KSV 6         | 580.075 | 577.675 | 2.40  | 0.40                      |                  |  |
| 7  |                               | 173.75   | KSV 7         | 580.490 | 577.890 | 2.60  | 0.60                      |                  |  |
| 8  |                               | 194.75   | KSV 8         | 580.715 | 578.065 | 2.65  | 0.65                      |                  |  |
| 9  |                               | 223.25   | KSV 9         | 581.460 | 578.460 | 3.00  | 1.00                      |                  |  |
| 10   |                               | 229.25   | KSV 10        | 581.620 | 578.720 | 2.90  | 0.90                      | 0.69             | 1.38                                     |
| <b>K Branch- 400mm Dia. At Kabara Nagar</b>          |                               |          |               |         |         |       |                           |                  |  |
| 11   |                               | 526.25   | K 114.13.22   | 579.395 | 577.945 | 1.45  | -0.55                     |                  |  |
| 12   |                               | 544.75   | K 114.13.23   | 579.732 | 578.082 | 1.65  | -0.35                     |                  |  |
| 13   |                               | 568.25   | K 114.13.24   | 580.032 | 578.182 | 1.85  | -0.15                     |                  |  |
| 14   |                               | 614.25   | K 114.13.25   | 580.188 | 578.338 | 1.85  | -0.15                     |                  |  |
| 15   |                               | 16.25    | K 114.13.21.1 | 579.300 | 578.510 | 0.79  | -1.21                     |                  |  |
| 16   |                               | 6.25     | K 114.13.27.1 | 580.950 | 580.350 | 0.6   | -1.40                     |                  |  |
| 17   |                               | 6.25     | K 114.13.28.1 | 579.950 | 579.250 | 0.7   | -1.30                     |                  |  |

Item No. 23:- Providing and constructing on sewer BBM manhole 1.5 m dia at bottom and 0.5 m dia at top and up to a depth of 2 to 5.0 M

| Sr.No.  | Reference (MB no. & Page no.) | Chainage | MH No      | MTL     | IL      | Depth | Depth Difference than 5 m | Total Difference | Rebate/Add for Excess height (per 50 cm) |
|---|-------------------------------|----------|------------|---------|---------|-------|---------------------------|------------------|--|
| <b>K Sewer-700mm Dia (Darga Chowk to Sutgirani)</b>               |                               |          |            |         |         |       |                           |                  |  |
| 1   |                               | 8173.20  | K 120      | 574.020 | 569.020 | 5.00  | 0.00                      |                  |  |
| 2   |                               | 8235.00  | K 121      | 574.830 | 570.130 | 4.70  | -0.30                     |                  |  |
| 3   |                               | 8578.40  | K 125      | 579.370 | 574.220 | 5.15  | 0.15                      |                  |  |
| 4   |                               | 8625.70  | K 126      | 579.420 | 574.320 | 5.10  | 0.10                      |                  |  |
| 5   |                               | 8654.70  | K 127      | 579.435 | 574.785 | 4.65  | -0.35                     |                  |  |
| 6   |                               | 8761.20  | K 128      | 580.360 | 575.560 | 4.80  | -0.20                     |                  |  |
| <b>Branch of K Sewer-500mm Dia-Easy Day Mall to Sambaji nagar</b> |                               |          |            |         |         |       |                           |                  |  |
| 7   |                               | 1252.50  | K 114.26   | 577.070 | 573.570 | 3.50  | -1.50                     |                  |  |
| 8   |                               | 1301.50  | K 114.27   | 578.507 | 574.607 | 3.90  | -1.10                     |                  |  |
| 9   |                               | 1325.50  | K 114.28   | 580.010 | 575.515 | 4.50  | -0.50                     |                  |  |
| 10  |                               | 1344.50  | K 114.29   | 580.120 | 576.406 | 3.71  | -1.29                     |                  |  |
| 11  |                               | 1386.00  | K 114.30   | 581.104 | 577.406 | 3.70  | -1.30                     |                  |  |
| <b>K Sewer Main at Relaince Mall to Vishal Nagar - 600mm Dia.</b> |                               |          |            |         |         |       |                           |                  |  |
| 12  |                               | 9.00     | K RMV 1    | 585.450 | 581.825 | 3.63  | -1.38                     |                  |  |
| 13  |                               | 55.50    | K RMV 2    | 586.110 | 581.915 | 4.20  | -0.80                     |                  |  |
| 14  |                               | 82.00    | K RMV 3    | 586.340 | 581.963 | 4.38  | -0.62                     |                  |  |
| 15  |                               | 156.00   | K RMV 4    | 587.270 | 582.700 | 4.57  | -0.43                     |                  |  |
| <b>Kabara Nagar - 500mm Dia. Branch Line</b>                      |                               |          |            |         |         |       |                           |                  |  |
| 16  |                               | 29.00    | K 114.13.1 | 571.778 | 569.478 | 2.30  | -2.70                     |                  |  |
| 17  |                               | 68.00    | K 114.13.2 | 572.359 | 569.559 | 2.80  | -2.20                     |                  |  |
| 18  |                               | 104.50   | K 114.13.3 | 573.146 | 569.846 | 3.30  | -1.70                     |                  |  |
| 19  |                               | 148.50   | K 114.13.4 | 572.452 | 570.152 | 2.30  | -2.70                     |                  |  |
| 20  |                               | 187.50   | K 114.13.5 | 573.146 | 570.645 | 2.50  | -2.50                     |                  |  |
| 21  |                               | 251.50   | K 114.13.6 | 574.001 | 571.001 | 3.00  | -2.00                     |                  |  |
| 22  |                               | 263.00   | K 114.13.7 | 573.926 | 571.126 | 2.80  | -2.20                     |                  |  |
| <b>K Sewer Main at Relaince Mall to Vijay Chowk - 400mm Dia.</b>  |                               |          |            |         |         |       |                           |                  |  |
| 23  |                               | 262.50   | K RMV 5    | 588.400 | 584.260 | 4.14  | -0.86                     | -43.60           | -87.20                                   |
| 24  |                               | 276.50   | K RMV 6    | 588.320 | 584.320 | 4.00  | -1.00                     |                  |  |



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Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

2

K Sewer 9th RA (C) Manhole

|  |        |          |         |         |      |       |  |
|--|--------|----------|---------|---------|------|-------|--|
| 25   | 308.00 | K RMV 7  | 588.915 | 584.865 | 4.05 | -0.95 |  |
| 26   | 339.50 | K RMV 8  | 590.025 | 585.325 | 4.70 | -0.30 |  |
| 27   | 371.00 | K RMV 9  | 590.685 | 585.685 | 5.00 | 0.00  |  |
| 28   | 402.50 | K RMV 10 | 591.260 | 585.760 | 5.50 | 0.50  |  |
| 29   | 441.50 | K RMV 11 | 591.553 | 586.253 | 5.30 | 0.30  |  |
| 30   | 475.50 | K RMV 12 | 591.640 | 586.340 | 5.30 | 0.30  |  |
| 31   | 517.00 | K RMV 13 | 592.536 | 586.436 | 6.10 | 1.10  |  |
| 32   | 576.00 | K RMV 14 | 593.450 | 587.035 | 6.42 | 1.42  |  |
| 33   | 590.00 | K RMV 15 | 593.415 | 587.615 | 5.80 | 0.80  |  |
| 34   | 631.50 | K RMV 16 | 592.711 | 587.711 | 5.00 | 0.00  |  |
| 35   | 670.50 | K RMV 17 | 592.601 | 587.801 | 4.80 | -0.20 |  |
| 36   | 732.00 | K RMV 18 | 592.225 | 587.925 | 4.30 | -0.70 |  |
| 37   | 771.00 | K RMV 19 | 591.818 | 588.018 | 3.80 | -1.20 |  |
| 38   | 845.00 | K RMV 20 | 591.992 | 588.192 | 3.80 | -1.20 |  |
| 39   | 889.00 | K RMV 21 | 592.094 | 588.294 | 3.80 | -1.20 |  |
| K Sewer Branch at Relaince Mall to Vishal Nagar - 400mm Dia. |        |          |         |         |      |       |  |
| 40   | 572.50 | RMVC 19  | 588.362 | 585.012 | 3.35 | -1.65 |  |
| 41   | 586.50 | RMVC 20  | 588.650 | 585.050 | 3.60 | -1.40 |  |
| 42   | 628.00 | RMVC 21  | 588.510 | 585.110 | 3.40 | -1.60 |  |
| 43   | 652.00 | RMVC 22  | 588.540 | 585.140 | 3.40 | -1.60 |  |
| 44   | 686.00 | RMVC 23  | 588.570 | 585.170 | 3.40 | -1.60 |  |
| 45   | 722.50 | RMVC 24  | 588.490 | 585.190 | 3.30 | -1.70 |  |
| 46   | 759.00 | RMVC 25  | 588.510 | 585.210 | 3.30 | -1.70 |  |
| 47   | 775.50 | RMVC 26  | 588.230 | 585.230 | 3.00 | -2.00 |  |
| 48   | 789.50 | RMVC 27  | 588.650 | 585.280 | 3.37 | -1.63 |  |

ITEM No: 22 Providing and constructing on sewer. R.C.C circular manhole 2.2 m dia and up to a depth of 5 M of Reinforced Cement

| Sr.No.                         | Reference (MB no. & Page no.) | Chainage | MH No | MTL     | IL      | Depth | Depth Difference than 5 m | Total Difference | Rebate/Add for Excess height (per 50 cm) |
|--------------------------------|-------------------------------|----------|-------|---------|---------|-------|---------------------------|------------------|--|
| K Sewer-1400mm Best Price Mall |                               |          |       |         |         |       |                           |                  |  |
| 1                              |                               | 3277.90  | K 49  | 543.220 | 537.720 | 5.50  | 0.50                      |                  |  |
| 2                              |                               | 3403.25  | K 50  | 543.425 | 537.925 | 5.50  | 0.50                      |                  |  |
| 3                              |                               | 3495.05  | K 51  | 543.365 | 538.465 | 4.90  | -0.10                     |                  |  |
| 4                              |                               | 3557.05  | K 52  | 543.710 | 539.310 | 4.40  | -0.60                     |                  |  |
| 5                              |                               | 3602.95  | K 53  | 544.295 | 540.095 | 4.20  | -0.80                     |                  |  |
| K Sewer-1400mm Parnalwadi      |                               |          |       |         |         |       |                           |                  |  |
| 6                              |                               | 4623.60  | K 75  | 551.687 | 544.887 | 6.80  | 1.80                      | 8.65             | 17.30                                    |
| 7                              |                               | 4718.00  | K 76  | 551.705 | 545.005 | 6.70  | 1.70                      |                  |  |
| 8                              |                               | 4798.95  | K 77  | 551.770 | 545.270 | 6.50  | 1.50                      |                  |  |
| 9                              |                               | 4780.00  | K 78  | 551.160 | 545.660 | 5.50  | 0.50                      |                  |  |
| 10                             |                               | 4874.50  | K 79  | 553.060 | 546.560 | 6.50  | 1.50                      |                  |  |
| 11                             |                               | 5234.47  | K 84  | 554.140 | 547.790 | 6.35  | 1.35                      |                  |  |
| 12                             |                               | 5519.40  | K 87  | 554.560 | 548.760 | 5.80  | 0.80                      |                  |  |

Item No. 25:- Providing and constructing on sewer BBM manhole 2 m dia at bottom and 0.5 m dia at top and up to a depth of 5 to 9.0 M

| Sr.No.                                       | Reference (MB no. & Page no.) | Chainage | MH No | MTL     | IL      | Depth | Depth Difference than 9 m | Total Difference | Rebate/Add for Excess height (per 50 cm) |
|--|-------------------------------|----------|-------|---------|---------|-------|---------------------------|------------------|--|
| K Sewer-700mm Dia- Sherga Chank To Sutgirani |                               |          |       |         |         |       |                           |                  |  |
| 1  |                               | 7907.80  | K 117 | 571.760 | 565.960 | 5.80  | -3.20                     |                  |  |
| 2  |                               | 8024.60  | K 118 | 572.930 | 567.130 | 5.80  | -3.20                     | -10.20           | -20.40                                   |
| 3  |                               | 8076.40  | K 119 | 572.790 | 567.590 | 5.20  | -3.80                     |                  |  |

Extra Item No: 1 Providing and constructing on sewer. R.C.C circular manhole 1.5 m dia and up to a depth of 3.5 M of Reinforced Cement



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