



AURANGABAD MUNICIPAL CORPORATION.

(Form No.52) (From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI 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 Commissioning 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

Book No. : 099
Page No. : 1

12 of 14

Ambedkarnagar Galli no-13-250mm - Measurement Pipe

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Up to Date Quantity |
|------|--|---------|---------|---------|------|-------|-------|--------------------|------------------|---------------|---------------------------|
| | | No | | | L | B | D | | Page | Quantity | |
| | | GL | IL | EX.L | | | | | | | |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 5.3 | 0.750 | 0.250 | 0.994 | | 24.595 | 25.589 |
| | Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding) | 1 | | | 5.9 | 0.750 | 0.100 | 0.443 | | 10.238 | 10.680 |
| | Item No. : 11 Transportation of earth Transportation charges including loading & unloading | | | | | | | 0.732 | | 16.935 | 17.667 |
| | Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia | 1 | | | 6.40 | | | 6.400 | | 145.500 | 151.900 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation= | | | | | | | 4.571 | | | |
| | Deduction of 250mm dia pipe | | | | | | | | | | |
| | pipe area | 1.00 | | 0.785 | 5.90 | 0.250 | 0.250 | 0.29 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | | | | | | | 0.00 | | | |
| | Murrum bedding | | | | | | | 0.44 | | | |
| | | | | | | | | 0.73 | | | |
| | | | | | | | | 3.84 | | 110.11 | 113.94 |
| | Net Qty = A - B | | | | | | | | | | |
| | AMN24 TO AMN25 | | | | | | | | | | |
| | CH18.30 | 601.489 | 600.289 | 600.189 | | | 1.300 | 1.295 | | | |
| | CH21.70 | 601.659 | 600.469 | 600.369 | | | 1.290 | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 1.4 | 0.750 | 1.045 | 1.097 | | 94.568 | 95.665 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 1.4 | 0.750 | 0.250 | 0.263 | | 25.589 | 25.851 |
| | Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding) | 1 | | | 2.0 | 0.750 | 0.100 | 0.150 | | 10.680 | 10.830 |
| | Item No. : 11 Transportation of earth Transportation charges including loading & unloading | | | | | | | 0.248 | | 17.667 | 17.915 |
| | Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia | 1 | | | 2.50 | | | 2.500 | | 151.900 | 154.400 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation= | | | | | | | 1.360 | | | |
| | Deduction of 250mm dia pipe | | | | | | | | | | |
| | pipe area | 1.00 | | 0.785 | 2.00 | 0.250 | 0.250 | 0.10 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | | | | | | | 0.00 | | | |
| | Murrum bedding | | | | | | | 0.15 | | | |
| | | | | | | | | 0.25 | | | |
| | Net Qty = A - B | | | | | | | 1.11 | | 113.94 | 115.06 |
| | AMN25 TO AMN26 | | | | | | | | | | |
| | CH21.70 | 601.659 | 600.469 | 600.369 | | | 1.290 | 1.315 | | | |
| | CH30.00 | 601.959 | 600.719 | 600.619 | | | 1.340 | | | | |





AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

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. :-
Page No. :- **100**

13 of 14

Ambedkarnagar Galli no-13-250mm - Measurement Pipe

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|-------|--------------------|------------------|---------------|--------------------------|
| | | No | | | L | B | D | | Page | Quantity | |
| | | GL | IL | EX.L | | | | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m | 1 | | | 6.3 | 0.750 | 1.065 | 5.032 | | 95.665 | 100.697 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m | 1 | | | 6.3 | 0.750 | 0.250 | 1.181 | | 25.851 | 27.033 |
| | Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding) | 1 | | | 6.9 | 0.750 | 0.100 | 0.518 | | 10.830 | 11.348 |
| | Item No. : 11 Transportation of earth Transportation charges including loading & unloading | | | | | | | 0.856 | | 17.915 | 18.771 |
| | Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia | 1 | | | 7.40 | | | 7.400 | | 154.400 | 161.800 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation= | | | | | | | 6.213 | | | |
| | Deduction of 250mm dia pipe | | | | | | | | | | |
| | pipe area | 1.00 | | | 0.785 | 6.90 | 0.250 | 0.250 | 0.34 | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | | | | | | | 0.00 | | | |
| | Murrum bedding | | | | | | | 0.52 | | | |
| | | | | | | | | 0.86 | | | |
| | | | | | | | | 5.36 | | 115.06 | 120.41 |
| | AMN26 TO AMN27 | | | | | | | | | | |
| | CH30.00 | 601.959 | 600.719 | 600.619 | | | | | | | |
| | CH37.20 | 602.279 | 600.989 | 600.889 | | | 1.340 | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m | 1 | | | 5.2 | 0.750 | 1.115 | 4.348 | | 100.697 | 105.046 |
| | (b) For Lift 1.5 to 3.0m | 1 | | | 5.2 | 0.750 | 0.000 | 0.000 | | 2.974 | 2.974 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m | 1 | | | 5.2 | 0.750 | 0.250 | 0.975 | | 27.033 | 28.008 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m | 1 | | | 5.2 | 0.750 | 0.000 | 0.000 | | 8.481 | 8.481 |
| | Item No. 7 :- Filling in plinth and floors/ trenches etc | 1 | | | 5.8 | 0.750 | 0.100 | 0.435 | | 11.348 | 11.783 |
| | Item No. : 11 Transportation of earth Transportation charges including loading & unloading | | | | | | | 0.720 | | 18.771 | 19.490 |
| | Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia | 1 | | | 6.30 | | | 6.300 | | 161.800 | 168.100 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation= | | | | | | | 5.323 | | | |
| | Deduction of 250mm dia pipe | | | | | | | | | | |
| | pipe area | 1.00 | | | 0.785 | 5.80 | 0.250 | 0.250 | 0.28 | | |
| | soling | | | | | | | 0.00 | | | |



Japz



Measurement Book



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), Banawadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banawadi, 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.

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)
Authority No. AMC/Ward B&C/UIDSSM/2014/184 **Date:** 01.07.2014

| Date of Measurement | Particulars of Work | | | | | | | | | | Last Measurement | | Total up to Date |
|---------------------|---------------------|---|---|---|---------------------|----------|----------|----------|----------|--|------------------|--|------------------|
| | No. | L | B | D | Contents of Arrears | Page No. | Quantity | Page No. | Quantity | | | | |
| | | | | | | | | | | | | | |

14 of 14

Ambedkarnagar Galli no-13-250mm - Measurement Pipe

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|--|---------|----|------|------|---|---|--------------------|------------------|----------|--------------------------|
| | | GL | IL | EX.L | L | B | D | | Page | Quantity | |
| | PCC | | | | | | | | | | |
| | Murum bedding | | | | | | | 0.00 | | | |
| | | | | | | | | 0.44 | | | |
| | | | | | | | | 0.72 | | | |
| | | | | | | | | 4.60 | 120.41 | 125.02 | |
| | Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge | | | | 0.17 | | | 0.17 | | | 0.17 |
| | Extra Item :9(a)- Providing and Fixing in position SFRC manhole cover with frame of 0.6 m x 0.9 m Manhole | | | | 1.00 | | | 1.00 | | | 1.00 |



Jup

MUMBAI MUNICIPAL CORPORATION.
(From No.52) (From No.52)
Measurement Book

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 Commissioning 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. **103**
Page No. **2012**

2 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|--------------------|------------------|-------------|--------------------------|
| | | GL | No IL | EX.L | L | B | | D | Page | |
| | Brick work | 1.00 | | | 1.16 | 1.16 | 1.370 | 1.45 | | |
| | soling | | | 0.785 | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murram bedding | | | | | | | 0.00 | | |
| | Total (B) | | | | | | | 1.92 | | |
| | Net Qty = A - B | | | | | | | 3.16 | 3.64 | 6.80 |
| | AMN3 | | | | | | | | | |
| | CH0.00 | 601.739 | 599.809 | 599.559 | | | 2.180 | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 1.150 | 3.611 | 7.222 | 10.833 |
| | (b) For Lift 1.5 to 3.0m | 1 | | | 0.785 | 4.000 | 0.680 | 2.135 | 1.476 | 3.611 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 1.570 | 2.355 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 0.628 | 0.942 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 2.52 | 4.092 | 6.609 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 6.845 | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.930 | 2.04 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murram bedding | | | | | | | 0.00 | | |
| | Total (B) | | | | | | | 2.52 | | |
| | Net Qty = A - B | | | | | | | 4.33 | 6.80 | 11.13 |
| | AMN4 | | | | | | | | | |
| | CH11.70 | 601.769 | 600.459 | 600.209 | | | 1.560 | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 1.150 | 3.611 | 10.833 | 14.444 |
| | (b) For Lift 1.5 to 3.0m | 1 | | | 0.785 | 4.000 | 0.060 | 0.188 | 3.611 | 3.799 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 2.355 | 3.140 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 0.942 | 1.256 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.86 | 6.609 | 8.470 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.898 | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.310 | 1.38 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |





AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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 Nakshirawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalra, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalra, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main

Book No. :-
Page No. :-

104

3 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|--|---------|---------|---------|-------|-------|--------------------|------------------|--------------|--------------------------|
| | | GL | IL | EX.L | L | B | | D | Page | |
| | Murum bedding | | | | | | 0.00 | | | |
| | Total (B) | | | | | | 1.86 | | | |
| | AMNS | | | | | | 3.04 | 11.13 | 14.17 | |
| | CH14.30 | 601.899 | 600.749 | 600.499 | | | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete. | | | | | | 1.400 | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | | | | | | |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete. | | | | 0.785 | 4.000 | 1.050 | 3.297 | 14.444 | 17.741 |
| | (a) For Lift 0 to 1.5m | 1 | | | | | | | | |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | 0.785 | 4.000 | 0.250 | 0.785 | 3.140 | 3.925 |
| | (a) For Lift 0 to 1.5m | 1 | | | | | | | | |
| | Item No. : 11 Transportation of earth Transportation charges | | | | 0.785 | 4.000 | 0.100 | 0.314 | 1.256 | 1.570 |
| | | | | | | | 1.69 | 8.470 | 10.162 | |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | |
| | Total Excavation(A)= | | | | | | 4.396 | | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.150 | 1.21 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murum bedding | | | | | | | 0.00 | | |
| | Total (B) | | | | | | 1.69 | | | |
| | AMN6 | | | | | | 2.70 | 14.17 | 16.87 | |
| | CH21.55 | 602.079 | 600.949 | 600.699 | | | 1.380 | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 1.030 | 3.234 | 17.741 | 20.975 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 3.925 | 4.710 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 1.570 | 1.884 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | 1.67 | 10.162 | 11.834 | |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | |
| | Total Excavation(A)= | | | | | | 4.333 | | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.130 | 1.19 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murum bedding | | | | | | | 0.00 | | |
| | Total (B) | | | | | | 1.67 | | | |
| | AMN7 | | | | | | 2.66 | 16.87 | 19.54 | |
| | CH31.10 | 602.624 | 601.549 | 601.299 | | | 1.325 | | | |



Jaz



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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 and sewerage line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :-

Page No. :- 105

4 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|-------|--------------------|------------------|--------------|--------------------------|
| | | No | | | L | B | D | | Page | Quantity | |
| | | GL | IL | EX.L | | | | | | | |
| | 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 | 4.000 | 0.975 | 3.062 | | 20.975 | 24.037 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 4.710 | 5.495 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 1.884 | 2.198 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.61 | | 11.834 | 13.447 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.161 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.075 | 1.14 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murrum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.61 | | | |
| | Net Qty = A - B | | | | | | | 2.55 | 19.54 | 22.08 | |
| | AMN8 | | | | | | | | | | |
| | CH0.00 | 602.694 | 601.564 | 601.314 | | | 1.380 | | | | |
| | 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 | 4.000 | 1.030 | 3.234 | | 24.037 | 27.271 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 5.495 | 6.280 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 2.198 | 2.512 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.67 | | 13.447 | 15.118 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.333 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.130 | 1.19 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murrum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.67 | | | |
| | Net Qty = A - B | | | | | | | 2.66 | 22.08 | 24.74 | |
| | AMN9 | | | | | | | | | | |
| | CH6.20 | 602.984 | 601.734 | 601.484 | | | 1.500 | | | | |
| | 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 | 4.000 | 1.150 | 3.611 | | 27.271 | 30.882 |



Jayp



AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

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

Book No. :- 106
Page No. :-

5 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|-------|--------------------|------------------|--------------|--------------------------|
| | | GL | No | | L | B | D | | Page | Quantity | |
| | | | IL | EX.L | | | | | | | |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | | | | | | | |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | 0.785 | 4.000 | 0.250 | 0.785 | | 6.280 | 7.065 |
| | (a) For Lift 0 to 1.5m | 1 | | | | | | | | | |
| | Item No. : 11 Transportation of earth Transportation charges | | | | 0.785 | 4.000 | 0.100 | 0.314 | | 2.512 | 2.826 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 1.80 | | 15.118 | 16.916 |
| | Total Excavation(A)= | | | | | | | 4.710 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | | 0.785 | 1.16 | 1.16 | 1.250 | | | |
| | soling | | | | | | | | | | |
| | PCC | 1.00 | | | 0.785 | 1.56 | 1.56 | 0.25 | | | |
| | Murrum bedding | | | | | | | | | | |
| | Total (B) | | | | | | | 0.00 | | | |
| | | | | | | | | 1.80 | | | |
| | | | | | | | | 2.91 | | 24.74 | 27.66 |
| | AMN10 | | | | | | | | | | |
| | CH9.30 | 602.984 | 601.784 | 601.534 | | | | 1.450 | | | |
| | 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 | 4.000 | 1.100 | 3.454 | | 30.882 | 34.336 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 7.065 | 7.850 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 2.826 | 3.140 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.75 | | 16.916 | 18.661 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.553 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | | 0.785 | 1.16 | 1.16 | 1.200 | | | |
| | soling | | | | | | | | | | |
| | PCC | 1.00 | | | 0.785 | 1.56 | 1.56 | 0.25 | | | |
| | Murrum bedding | | | | | | | | | | |
| | Total (B) | | | | | | | 0.00 | | | |
| | | | | | | | | 1.75 | | | |
| | | | | | | | | 2.81 | | 27.66 | 30.46 |
| | AMN11 | | | | | | | | | | |
| | CH18.30 | 602.874 | 601.894 | 601.644 | | | | 1.230 | | | |
| | 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 | 4.000 | 0.880 | 2.763 | | 34.336 | 37.099 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 7.850 | 8.635 |



Jaz



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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. :- **107**

6 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity | |
|------|--|---------|---------|---------|-------|-------|--------------------|------------------|------|--------------------------|----------|
| | | No | | | L | B | | D | Page | | Quantity |
| | | GL | IL | EX.L | | | | | | | |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 3.140 | 3.454 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.51 | | 18.661 | 20.174 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 3.862 | | | |
| | Total Excavation(A)= | | | | | | | | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 0.980 | 1.04 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.51 | | | |
| | Net Qty = A - B | | | | | | | 2.35 | | 30.46 | 32.81 |
| | AMN12 | | | | | | | | | | |
| | CH26.20 | 602.734 | 601.914 | 601.664 | | | 1.070 | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.720 | 2.261 | | 37.099 | 39.360 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 8.635 | 9.420 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 3.454 | 3.768 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.34 | | 20.174 | 21.517 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 3.360 | | | |
| | Total Excavation(A)= | | | | | | | | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 0.820 | 0.87 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.34 | | | |
| | Net Qty = A - B | | | | | | | 2.02 | | 32.81 | 34.83 |
| | AMN13 | | | | | | | | | | |
| | CH37.30 | 602.974 | 602.034 | 601.784 | | | 1.190 | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.840 | 2.638 | | 39.360 | 41.998 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 9.420 | 10.205 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 3.768 | 4.082 |



Yaz



AURANGABAD MUNICIPAL CORPORATION
(From No.52)

Measurement Book

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). Provident: lowering, laying jointing and testing rising main

Book No. :-
Page No. :- **109**

8 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|--------------------|------------------|--------|--------------------------|
| | | GL | No IL | EX.L | L | B | | D | Page | |
| | Total Excavation(A)= | | | | | | 3.988 | | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.020 | 1.08 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murum bedding | | | | | | | 0.00 | | |
| | | | | | | | | 1.56 | | |
| | Total (B) | | | | | | | 2.43 | 39.57 | 42.00 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AMN16 | | | | | | | | | |
| | CH68.90 | 603.504 | 602.594 | 602.344 | | | 1.160 | | | |
| | 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 | 4.000 | 0.810 | 2.543 | 47.838 | 50.381 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 11.775 | 12.560 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 4.710 | 5.024 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.44 | 26.119 | 27.558 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 3.642 | | |
| | Total Excavation(A)= | | | | | | | | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 0.910 | 0.96 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | | | | | | | | 0.00 | | |
| | Murum bedding | | | | | | | 1.44 | | |
| | Total (B) | | | | | | | 2.20 | 42.00 | 44.21 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | AMN17 | | | | | | | | | |
| | CH75.80 | 603.884 | 602.854 | 602.604 | | | 1.280 | | | |
| | 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 | 4.000 | 0.930 | 2.920 | 50.381 | 53.302 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 12.560 | 13.345 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 5.024 | 5.338 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.57 | 27.558 | 29.124 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 4.019 | | |
| | Total Excavation(A)= | | | | | | | | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.030 | 1.09 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |



Jup



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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, Zalga, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalga, Ward ...

Book No. :-
Page No. :-

110

9 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|--------------------|------------------|--------|--------------------------|
| | | GL | No IL | EX.L | L | B | | D | Page | |
| | Murrum bedding | | | | | | | | | |
| | Total (B) | | | | | | 0.00 | | | |
| | AMN18 | | | | | | 1.57 | | | |
| | CH0.00 | | | | | | 2.45 | | | |
| | | | | | | | | | 44.21 | 46.66 |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. | 602.144 | 600.934 | 600.684 | | | | | | |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | 0.785 | 4.000 | 1.110 | 3.485 | | 53.302 |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | 0.785 | 4.000 | 0.250 | 0.785 | | 13.345 |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. : 11 Transportation of earth Transportation charges | | | | 0.785 | 4.000 | 0.100 | 0.314 | | 5.338 |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | 1.76 | | 29.124 | 30.879 |
| | Total Excavation(A)= | | | | | | | | | |
| | Deduction | | | | | | 4.584 | | | |
| | Brick work | | | | | | | | | |
| | soling | 1.00 | | 0.785 | 1.16 | 1.16 | 1.210 | 1.28 | | |
| | PCC | | | | | | | 0.00 | | |
| | Murrum bedding | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Total (B) | | | | | | 0.00 | | | |
| | | | | | | | 1.76 | | | |
| | AMN19 | | | | | | 2.83 | | | |
| | CH5.00 | | | | | | | | 46.66 | 49.49 |
| | Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. | 602.394 | 601.034 | 600.784 | | | | | | |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | (b) For Lift 1.5 to 3.0m | | | | 0.785 | 4.000 | 1.150 | 3.611 | 56.787 | 60.398 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | 0.785 | 4.000 | 0.110 | 0.345 | 3.799 | 4.145 |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | 0.785 | 4.000 | 0.250 | 0.785 | 14.130 | 14.915 |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. : 11 Transportation of earth Transportation charges | | | | 0.785 | 4.000 | 0.100 | 0.314 | 5.652 | 5.966 |
| | (a) For Lift 0 to 1.5m | | | | | | | | | |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | 1.91 | | 30.879 | 32.793 |
| | Total Excavation(A)= | | | | | | | | | |
| | Deduction | | | | | | 5.055 | | | |
| | Brick work | | | | | | | | | |
| | soling | 1.00 | | 0.785 | 1.16 | 1.16 | 1.360 | 1.44 | | |
| | PCC | | | | | | | 0.00 | | |
| | Murrum bedding | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Total (B) | | | | | | 0.00 | | | |
| | | | | | | | 1.91 | | | |
| | AMN20 | | | | | | 3.14 | | 49.49 | 52.63 |



Handwritten signature



AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

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 Commissioning 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. 111
Page No. 111

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

10 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|--------------------|------------------|--------|--------------------------|
| | | GL | No IL | EX.L | L | B | | D | Page | |
| | CH18.20 | 602.824 | 601.274 | 601.024 | | | 1.800 | | | |
| | 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 | 4.000 | 1.150 | 3.611 | 60.398 | 64.009 |
| | (b) For Lift 1.5 to 3.0m | 1 | | | 0.785 | 4.000 | 0.300 | 0.942 | 4.145 | 5.087 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 14.915 | 15.700 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 5.966 | 6.280 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 2.11 | 32.793 | 34.908 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 5.652 | | |
| | Total Excavation(A)= | | | | | | | 5.652 | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.550 | 1.64 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murrum bedding | | | | | | | 0.00 | | |
| | Total (B) | | | | | | | 2.11 | | |
| | Net Qty = A - B | | | | | | | 3.54 | 52.63 | 56.17 |
| | AMN21 | | | | | | | | | |
| | CH27.80 | 603.014 | 602.014 | 601.764 | | | 1.250 | | | |
| | 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 | 4.000 | 0.900 | 2.826 | 64.009 | 66.835 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | 15.700 | 16.485 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | 6.280 | 6.594 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.53 | 34.908 | 36.442 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 3.925 | | |
| | Total Excavation(A)= | | | | | | | 3.925 | | |
| | Deduction | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.000 | 1.06 | | |
| | soling | | | | | | | 0.00 | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | |
| | Murrum bedding | | | | | | | 1.53 | | |
| | Total (B) | | | | | | | 2.39 | 56.17 | 58.56 |
| | Net Qty = A - B | | | | | | | 2.39 | 56.17 | 58.56 |
| | AMN22 | | | | | | | | | |
| | CH0.00 | 600.909 | 599.669 | 599.419 | | | 1.490 | | | |



J.P.



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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 9S and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main

Book No. :- **112**
Page No. :-

11 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity | |
|------|---|---------|---------|---------|-------|-------|--------------------|------------------|------|--------------------------|----------|
| | | GL | No IL | EX.L | L | B | | D | Page | | Quantity |
| | 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 | 4.000 | 1.140 | 3.580 | | 66.835 | 70.415 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 16.485 | 17.270 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 6.594 | 6.908 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.79 | | 36.442 | 38.230 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.679 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.240 | 1.31 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murrum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.79 | | | |
| | Net Qty = A - B | | | | | | | 2.89 | | 58.56 | 61.45 |
| | AMN23 | | | | | | | | | | |
| | CH11.00 | 601.189 | 600.289 | 600.039 | | | 1.150 | | | | |
| | 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 | 4.000 | 0.800 | 2.512 | | 70.415 | 72.927 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 17.270 | 18.055 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 6.908 | 7.222 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.43 | | 38.230 | 39.658 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 3.611 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 0.900 | 0.95 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murrum bedding | | | | | | | 1.43 | | | |
| | Total (B) | | | | | | | 2.18 | | 61.45 | 63.63 |
| | Net Qty = A - B | | | | | | | | | | |
| | AMN24 | | | | | | | | | | |
| | CH18.30 | 601.489 | 600.289 | 600.039 | | | 1.450 | | | | |
| | 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 | 4.000 | 1.100 | 3.454 | | 72.927 | 76.381 |



Jay



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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

Book No. :- 113
Page No. :- 113

12 of 13

Ambedkarnagar Galli no-13-250mm - Chamber Measurement

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|---------|---------|-------|-------|-------|------------------------|------------------|----------|--------------------------|
| | | GL | No IL | EX.L | L | B | D | | Page | Quantity | |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 18.055 | 18.840 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 7.222 | 7.536 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.75 | | 39.658 | 41.403 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.553 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.200 | 1.27 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murrum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.75 | | | |
| | | | | | | | | Net Qty = A - B | | 63.63 | 66.44 |
| | AMN25 | | | | | | | | | | |
| | CH21.70 | 601.659 | 600.469 | 600.219 | | | 1.440 | | | | |
| | 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 | 4.000 | 1.090 | 3.423 | | 76.381 | 79.803 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 18.840 | 19.625 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.100 | 0.314 | | 7.536 | 7.850 |
| | Item No. : 11 Transportation of earth Transportation charges | | | | | | | 1.73 | | 41.403 | 43.138 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation(A)= | | | | | | | 4.522 | | | |
| | Deduction | | | | | | | | | | |
| | Brick work | 1.00 | | 0.785 | 1.16 | 1.16 | 1.190 | 1.26 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | 1.00 | | 0.785 | 1.56 | 1.56 | 0.25 | 0.48 | | | |
| | Murrum bedding | | | | | | | 0.00 | | | |
| | Total (B) | | | | | | | 1.73 | | | |
| | | | | | | | | Net Qty = A - B | | 66.44 | 69.23 |
| | AMN26 | | | | | | | | | | |
| | CH30.00 | 601.959 | 600.719 | 600.469 | | | 1.490 | | | | |
| | 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 | 4.000 | 1.140 | 3.580 | | 79.803 | 83.383 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 0.785 | 4.000 | 0.250 | 0.785 | | 19.625 | 20.410 |



Signature



Measurement Book

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 Commissioning 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. 115
Page No. 115

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)
Authority No. AMC/Ward B&C/UIDSSNEE/2014/184, Date: 01.07.2014

Date 9
Measu
remen

Ambedkarnagar Galli no-13-250mm - CHEMBER Details

11th RA BILL CHEMBER DETAILS AMBEDKAR NAGAR GALLI NO-13

| SR NO | CHEMBER NUMBER | DETAILS | | | Rebate up to Depth of 1.5 mtr For per 30 cm | Total Rebate Qty for 30 cm |
|------------------------|--|---------|---------|-------|---|----------------------------|
| | | No | | | | |
| | | GL | IL | DEPTH | | |
| A | Extra Item No. :2 Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete | | | | | |
| For Full Rate | | | | | | |
| 1 | AMN1 | 602.890 | 601.290 | 1.600 | 1.5 | 0.100 |
| 2 | AMN2 | 602.950 | 601.580 | 1.370 | 1.5 | -0.130 |
| 3 | AMN3 | 601.739 | 599.809 | 1.930 | 1.5 | 0.430 |
| 4 | AMN4 | 601.769 | 600.459 | 1.310 | 1.5 | -0.190 |
| 5 | AMN5 | 601.899 | 600.749 | 1.150 | 1.5 | -0.350 |
| 6 | AMN6 | 602.079 | 600.949 | 1.130 | 1.5 | -0.370 |
| 7 | AMN7 | 602.624 | 601.549 | 1.075 | 1.5 | -0.425 |
| 8 | AMN8 | 602.694 | 601.564 | 1.130 | 1.5 | -0.370 |
| 9 | AMN9 | 602.984 | 601.734 | 1.250 | 1.5 | -0.250 |
| 10 | AMN10 | 602.984 | 601.784 | 1.200 | 1.5 | -0.300 |
| 11 | AMN11 | 602.874 | 601.894 | 0.980 | 1.5 | -0.520 |
| 12 | AMN12 | 602.734 | 601.914 | 0.820 | 1.5 | -0.680 |
| For Reduce Rate | | | | | | |
| 1 | AMN13 | 602.974 | 602.034 | 0.940 | 1.5 | -0.560 |
| For Full Rate | | | | | | |
| 1 | AMN14 | 603.154 | 602.114 | 1.040 | 1.5 | -0.460 |
| 2 | AMN15 | 603.344 | 602.324 | 1.020 | 1.5 | -0.480 |
| 3 | AMN16 | 603.504 | 602.594 | 0.910 | 1.5 | -0.590 |
| 4 | AMN17 | 603.884 | 602.854 | 1.030 | 1.5 | -0.470 |
| 5 | AMN18 | 602.144 | 600.934 | 1.210 | 1.5 | -0.290 |
| 6 | AMN19 | 602.394 | 601.034 | 1.360 | 1.5 | -0.140 |
| 7 | AMN20 | 602.824 | 601.274 | 1.550 | 1.5 | 0.050 |
| 8 | AMN21 | 603.014 | 602.014 | 1.000 | 1.5 | -0.500 |
| For Reduce Rate | | | | | | |
| 1 | AMN22 | 600.909 | 599.669 | 1.240 | 1.5 | -0.260 |
| 2 | AMN23 | 601.189 | 600.289 | 0.900 | 1.5 | -0.600 |
| 3 | AMN24 | 601.489 | 600.289 | 1.200 | 1.5 | -0.300 |
| 4 | AMN25 | 601.659 | 600.469 | 1.190 | 1.5 | -0.310 |
| 5 | AMN26 | 601.959 | 600.719 | 1.240 | 1.5 | -0.260 |
| 6 | AMN27 | 602.279 | 600.989 | 1.290 | 1.5 | -0.210 |
| Total | | | | | -8.435 | -28.117 |



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)



Measurement Book



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 (Kanchanjwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, Testing and Commissioning 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 (Kanchanjwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. **117**
Page No. **117**

1 of 2

Ambedkar Nagar-2(Galli no-13-250mm), 250mm-DWC-M8

17th RA BILL MEASUREMENTS
AMBEDKAR NAGAR-2(GALLI NO-13)-Part-II

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|--|---------|---------|---------|-------|-------|-------|--------------------|------------------|--------------|--------------------------|
| | | No | | | L | B | D | | Page | Quantity | |
| | | GL | IL | EX.L | | | | | | | |
| | DWC - 250mm Dia | | | | | | | | | | |
| | Width of Trench - For Lift 0 to 1.50m- 0.25+0.5=0.75m | | | | | | | | | | |
| | For Lift 1.5 to 3.00m- 0.25+0.5+0.4=1.15m | | | | | | | | | | |
| | For Lift 3.0 to 4.5m- 0.25+0.5+0.4+0.4=1.55m | | | | | | | | | | |
| | AMR0 TO AMR1 | | | | | | | | | | |
| | CH0.00 | 600.830 | 599.560 | 599.460 | | | 1.370 | 1.215 | | | |
| | CH9.20 | 600.730 | 599.770 | 599.670 | | | 1.060 | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m | 1 | | | 7.200 | 0.750 | 0.300 | 1.620 | | 0.000 | 1.620 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m | 1 | | | 7.200 | 0.750 | 0.815 | 4.401 | | 0.000 | 4.401 |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m | 1 | | | 7.200 | 0.750 | 0.100 | 0.540 | | 0.000 | 0.540 |
| | Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding) | 1 | | | 7.800 | 0.750 | 0.100 | 0.585 | | 0.000 | 0.585 |
| | Item No. : 11 Transportation of earth Transportation charges including loading & unloading | | | | | | | 0.968 | | 0.000 | 0.968 |
| | Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia | 1 | | | 8.300 | | | 8.300 | | 0.000 | 8.300 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | 6.561 | | | |
| | Total Excavation= | | | | | | | | | | |
| | Deduction of 250mm dia pipe | | | | | | | | | | |
| | pipe area | 1.00 | | 0.785 | 7.800 | 0.250 | 0.250 | 0.38 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | | | | | | | 0.00 | | | |
| | Murrum bedding | | | | | | | 0.59 | | | |
| | | | | | | | | 0.97 | | | |
| | Net Qty = A - B | | | | | | | | 5.593 | 0.000 | 5.593 |
| | AMR1 TO AMR2 | | | | | | | | | | |
| | CH9.20 | 600.730 | 599.770 | 599.670 | | | 1.060 | 0.985 | | | |
| | CH17.10 | 600.580 | 599.770 | 599.670 | | | 0.910 | | | | |
| | Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m | 1 | | | 5.900 | 0.750 | 0.300 | 1.328 | | 1.620 | 2.948 |
| | Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m | 1 | | | 5.900 | 0.750 | 0.585 | 2.589 | | 4.401 | 6.990 |



Yap



AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

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, Zaha, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha. 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. **118**

Page No. :-

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

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

| Date of Measurement | Particulars of Work | Details | | | | | Last Measurement | | Total up to Date |
|---------------------|---------------------|---------|---|---|---|---------------------|------------------|----------|------------------|
| | | No. | L | B | D | Contents of Arrears | Page No. | Quantity | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | |

2 of 2

Ambedkar Nagar-2(Galli no-13-250mm), 250mm-DWC-MB

| Date | Particulars of work | DETAILS | | | | | | Content of arrears | Last measurement | | Total Upto Date Quantity |
|------|---|---------|----|-------|------------------------|-------|-------|--------------------|------------------|--------------|--------------------------|
| | | No | | | L | B | D | | Page | Quantity | |
| | | GL | IL | EX.L | | | | | | | |
| | Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. | | | | | | | | | | |
| | (a) For Lift 0 to 1.5m | 1 | | | 5.900 | 0.750 | 0.100 | 0.443 | | 0.540 | 0.983 |
| | Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding) | 1 | | | 6.500 | 0.750 | 0.100 | 0.488 | | 0.585 | 1.073 |
| | Item No. : 11 Transportation of earth Transportation charges including loading & unloading | | | | | | | 0.806 | | 0.968 | 1.774 |
| | Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia | 1 | | | 7.000 | | | 7.000 | | 8.300 | 15.300 |
| | Item No. 30 :- Refilling the excavated trenches ... | | | | | | | | | | |
| | Total Excavation= | | | | | | | 4.359 | | | |
| | Deduction of 250mm dia pipe | | | | | | | | | | |
| | pipe area | 1.00 | | 0.785 | 6.500 | 0.250 | 0.250 | 0.32 | | | |
| | soling | | | | | | | 0.00 | | | |
| | PCC | | | | | | | 0.00 | | | |
| | Murrum bedding | | | | | | | 0.49 | | | |
| | | | | | | | | 0.81 | | | |
| | | | | | | | | 3.552 | | 5.593 | 9.146 |
| | | | | | Net Qty = A - B | | | | | | |
| | Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge | | | | 0.015 | | | | | 0.000 | 0.015 |



YJP