



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. :-

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Road Work at Juna Bajar Sagar Hotel to Town Hall.(Gazi) ,BM Qty

11th R A BILL MEASUREMENTS

Measurements of Road Restoration at Juna Bajar Sagar Hotel to Town Hall				
				Date:29/12/2016
BM Work				
Sr. No.	Chainage	Length of Road	Width	Avg. Width by Part wise
1	0	15.0	2.60	2.6
	15		2.60	
2	15	15.0	2.60	2.6
	30		2.65	
3	30	15.0	2.65	2.7
	45		2.75	
4	45	15.0	2.75	2.7
	60		2.60	
5	60	15.0	2.60	2.7
	75		2.70	
6	75	15.0	2.70	2.7
	90		2.70	
7	90	15.0	2.70	2.7
	105		2.70	
8	105	15.0	2.70	2.8
	120		2.80	
9	120	15.0	2.80	2.8
	135		2.75	
10	135	15.0	2.75	2.7
	150		2.70	
11	150	12.0	2.70	2.7
	162		2.70	
12	162	15.0	2.70	2.8
	177		2.80	
13	177	15.0	2.80	2.7
	192		2.60	
14	192	15.0	2.60	2.7
	207		2.70	
15	207	15.0	2.70	2.7
	222		2.70	
16	222	15.0	2.70	2.7
	237		2.65	



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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. :-

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Road Work at Juna Bajar Sagar Hotel to Town Hall.(Gazi) ,BM Qty

17	237	15.0	2.65	2.7
	252		2.70	
18	252	15.0	2.70	2.7
	267		2.60	
19	267	15.0	2.60	2.6
	282		2.50	
20	282	15.0	2.50	2.5
	297		2.55	
21	297	15.0	2.55	2.6
	312		2.65	
22	312	15.0	2.65	2.7
	327		2.75	
23	327	15.0	2.75	2.6
	342		2.50	
24	342	15.0	2.50	2.5
	357		2.50	
25	357	15.0	2.50	2.5
	372		2.50	
26	372	15.0	2.50	2.6
	387		2.60	
27	387	6.1	2.60	2.6
	393.1		2.50	
28	393.1	15.0	2.50	2.5
	408.1		2.50	
29	408.1	15.0	2.50	2.5
	423.1		2.55	
30	423.1	15.0	2.55	2.5
	438.1		2.40	
31	438.1	9.5	2.40	2.4
	447.6		2.40	
32	447.6	15.0	2.40	2.5
	462.6		2.50	
33	462.6	15.0	2.50	2.5
	477.6		2.50	
34	477.6	15.0	2.50	2.5
	492.6		2.50	
35	492.6	15.0	2.50	2.5
	507.6		2.40	
36	507.6	15.0	2.40	2.5
	522.6		2.50	
37	522.6	15.0	2.50	2.5
	537.6		2.40	

Total up to Date

10



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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.

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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

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Road Work at Juna Bajar Sagar Hotel to Town Hall.(Gazi) ,BM Qty

Date
Me:
rem

38	537.6	15.0	2.40 ✓	2.5 ✓
	552.6		2.50 ✓	
39	552.6	15.0	2.50 ✓	2.5 ✓
	567.6		2.50 ✓	
40	567.6	15.0	2.50 ✓	2.6 ✓
	582.6		2.70 ✓	
41	582.6	15.0	2.70 ✓	2.7 ✓
	597.6		2.60 ✓	
42	597.6	15.0	2.60 ✓	2.6 ✓
	612.6		2.50 ✓	
43	612.6	15.0	2.50 ✓	2.6 ✓
	627.6		2.60 ✓	
44	627.6	15.0	2.60 ✓	2.6 ✓
	642.6		2.50 ✓	
45	642.6	15.0	2.50 ✓	2.5 ✓
	657.6		2.50 ✓	
	657.600			2.590



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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, 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 pipes from Golwadi SDS to Nakshirawadi (Kanchanwadi) STP and Ward No.98 to STP for

Book No. :-

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Name of Author

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Road Work at Juna Bajar Sagar Hotel to Town Hall.(Gazi) ,Carpet Qty

11th R A BILL MEASUREMENTS

Date of Measurement

Measurements of Road Restoration at New Sagar Hotel to Town Hall

Date:10/01/2017

Carpet Work

Sr. No.	Chainage	Length of Road	Width	Avg. Width by Part wise
1	0	15.0	6.50 ✓	6.3 ✓
	15		6.00 ✓	
2	15	15.0	6.00 ✓	5.9 ✓
	30		5.70 ✓	
3	30	15.0	5.70 ✓	5.9 ✓
	45		6.00 ✓	
4	45	15.0	6.00 ✓	6.0 ✓
	60		6.00 ✓	
5	60	15.0	6.00 ✓	6.1 ✓
	75		6.20 ✓	
6	75	15.0	6.20 ✓	6.1 ✓
	90		6.00 ✓	
7	90	15.0	6.00 ✓	6.1 ✓
	105		6.10 ✓	
8	105	11.7	6.10 ✓	6.0 ✓
	116.7		5.80 ✓	
9	116.7	11.3	5.80 ✓	7.5 ✓
	128		9.10 ✓	
10	128	10.5	9.10 ✓	10.3 ✓
	138.5		11.40 ✓	
11	138.5	12.6	11.40 ✓	9.4 ✓
	151.1		7.40 ✓	
12	151.1	8.5	7.40 ✓	6.9 ✓
	159.6		6.30 ✓	
13	159.6	15.0	6.30 ✓	5.8 ✓
	174.6		5.30 ✓	
14	174.6	15.0	5.30 ✓	5.3 ✓
	189.6		5.30 ✓	
15	189.6	15.0	5.30 ✓	5.6 ✓
	204.6		5.80 ✓	
16	204.6	15.0	5.80 ✓	5.8 ✓
	219.6		5.75 ✓	



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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.

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Road Work at Juna Bajar Sagar Hotel to Town Hall.(Gazi) ,Carpet Qty

Sr. No.	Chainage	Length of Road	Width	Avg. Width by Part wise
17	219.6	15.0	5.75	5.6
	234.6		5.40	
18	234.6	15.0	5.40	5.5
	249.6		5.50	
19	249.6	15.0	5.50	5.5
	264.6		5.45	
20	264.6	16.0	5.45	5.6
	280.6		5.80	
21	280.6	6.5	5.80	7.8
	287.1		9.70	
22	287.1	15.0	9.70	8.8
	302.1		7.90	
23	302.1	15.0	7.90	8.0
	317.1		8.00	
24	317.1	8.3	8.00	8.3
	325.4		8.50	
25	325.4	16.4	8.50	7.4
	341.8		6.20	
26	341.8	15.0	6.20	4.5
	356.8		2.70	
27	356.8	15.0	2.70	2.7
	371.8		2.70	
28	371.8	15.0	2.70	2.7
	386.8		2.70	
29	386.8	15.0	2.70	2.7
	401.8		2.70	
30	401.8	15.0	2.70	2.8
	416.8		2.80	
31	416.8	15.0	2.80	2.8
	431.8		2.80	
32	431.8	15.0	2.80	3.0
	446.8		3.10	
33	446.8	15.0	3.10	3.1
	461.8		3.10	
34	461.8	15.0	3.10	3.1
	476.8		3.10	
35	476.8	15.0	3.10	3.2
	491.8		3.30	



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AURANGABAD MUNICIPAL CORPORATION

(From No.52)

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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.

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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

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Road Work at Juna Bajar Sagar Hotel to Town Hall, (Gazi), Mea. Sheet

11th R A BILL MEASUREMENTS

Road Work at Juna Bajar Sagar Hotel to Town Hall						
Sr. No.	Descriptions of Items	Nos	L	B	D	Unit
1	Item No 1 :- Excavation for foundation/pipe trenches in earth soils etc complete.	1	657.600	2.590	0.400	Cum
2	Item No. 11 Disposal of excavated material including loading the excavated material in trucks / tractors and unloading the same at a distance of 10 KMS as directed by engineer-in-charge.	1	657.600	2.590	0.400	Cum
3	Item No. : 31 Road restoration - Supply, Spreading, Compacting 80mm and 40 mm metal. Providing and laying 75mm hot mix bitumen layer, 20mm bituminous premix carpet using 60/70 grade, Providing liquid seal coat as per detailed specifications, etc complete as directed by Engineer-in-Charge.					
	WBM	1	657.600	2.590		Sq. Mtr
	BM	1	657.600	2.590		Sq. Mtr
	Carpet Laying	1	635.600	5.020		Sq. Mtr
						1703.184
						1703.184
						3190.436

CONTRACTOR

Authorized Signatory

PMC

Project Engineer

CLIENT

Project Manager

Jr. Engineer

Dy. Engineer

Ex. Engineer



AURANGABAD MUNICIPAL CORPORATION.

(Local Body) (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.

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Name of Agent 1 of 1

Road Work at Hotel Sagar to Aurangpura Bhaji Mandi., BM Qty

Authority No

11th RA BILL MEASUREMENTS

Measurements of Road Work at New Hotel Sagar to Aurangpura Bhaji Mandi

Date: 29/12/2016

Date of Measurement

BM

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	15.00	6.00 ✓	5.95 ✓
	15		5.90 ✓	
2	15	15.00	5.90 ✓	5.90 ✓
	30		5.90 ✓	
3	30	15.00	5.90 ✓	5.95 ✓
	45		6.00 ✓	
4	45	15.00	6.00 ✓	6.15 ✓
	60		6.30 ✓	
5	60	15.00	6.30 ✓	6.25 ✓
	75		6.20 ✓	
6	75	15.00	6.20 ✓	6.20 ✓
	90		6.20 ✓	
7	90	15.00	6.20 ✓	6.15 ✓
	105		6.10 ✓	
8	105	15.00	6.10 ✓	6.55 ✓
	120		7.00 ✓	
9	120	15.00	7.00 ✓	7.00 ✓
	135		7.00 ✓	
10	135	15.00	7.00 ✓	6.20 ✓
	150		5.40 ✓	
11	150	15.00	5.40 ✓	5.60 ✓
	165		5.80 ✓	
12	165	15.00	5.80 ✓	6.30 ✓
	180		6.80 ✓	
13	180	15.00	6.80 ✓	6.65 ✓
	195		6.50 ✓	
14	195	15.00	6.50 ✓	6.40 ✓
	210		6.30 ✓	
15	210	15.00	6.30 ✓	6.35 ✓
	225		6.40 ✓	
16	225	15.00	6.40 ✓	6.30 ✓
	240		6.20 ✓	
17	240	15.00	6.20 ✓	6.25 ✓
	255		6.30 ✓	
18	255	15.00	6.30 ✓	6.15 ✓
	270		6.00 ✓	
19	270	15.00	6.00 ✓	5.90 ✓
	285		5.80 ✓	
		285.000		6.221



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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 Aur.

Book No. :
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Name of Authority 1 of 1

Road Work at Hotel Sagar to Aurangpura Bhaji Mandi, Carpet Qty

12th R A BILL MEASUREMENTS

Measurements of Road Work at New Hotel Sagar to Aurangpura Bhaji Mandi

Date: 08/01/2017

Carpet				
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	15.00	6.70 ✓	7.15 ✓
	15		7.60 ✓	
2	15	15.00	7.60 ✓	7.60 ✓
	30		7.60 ✓	
3	30	15.00	7.60 ✓	6.90 ✓
	45		6.20 ✓	
4	45	15.00	6.20 ✓	6.45 ✓
	60		6.70 ✓	
5	60	15.00	6.70 ✓	6.35 ✓
	75		6.00 ✓	
6	75	15.00	6.00 ✓	6.05 ✓
	90		6.10 ✓	
7	90	15.00	6.10 ✓	5.90 ✓
	105		5.70 ✓	
8	105	15.00	5.70 ✓	5.85 ✓
	120		6.00 ✓	
9	120	15.00	6.00 ✓	6.10 ✓
	135		6.20 ✓	
10	135	15.00	6.20 ✓	6.70 ✓
	150		7.20 ✓	
11	150	15.00	7.20 ✓	7.30 ✓
	165		7.40 ✓	
12	165	15.00	7.40 ✓	7.20 ✓
	180		7.00 ✓	
13	180	15.00	7.00 ✓	6.60 ✓
	195		6.20 ✓	
14	195	15.00	6.20 ✓	6.20 ✓
	210		6.20 ✓	
15	210	15.00	6.20 ✓	7.05 ✓
	225		7.90 ✓	
16	225	15.00	7.90 ✓	7.20 ✓
	240		6.50 ✓	
17	240	15.00	6.50 ✓	6.60 ✓
	255		6.70 ✓	
18	255	15.00	6.70 ✓	6.20 ✓
	270		5.70 ✓	
19	270	15.00	5.70 ✓	6.00 ✓
	285		6.30 ✓	
20	285	1.40	6.30 ✓	6.60 ✓
	286.4		6.90 ✓	
		286.400		6.600



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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.

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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

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Road Work at Hotel Sagar to Aurangpura Bhaji Mandi, Mea. Sheet

11th R A BILL MEASUREMENTS

Road Work at Hotel Sagar to Aurangpura Bhaji Mandi

Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
1	Item No. : 31 Road restoration - Supply, Spreading, Compacting 80mm and 40 mm metal. Providing and laying 75mm hot mix bitumen layer, 20mm bituminous premix carpet using 60/70 grade. Providing liquid seal coat as per detailed specifications, etc complete as directed by Engineer-in-Charge.						
	BM Laying	1	285.000	6.221		Sq. Mtr	1773.000
	Carpet Laying	1	286.400	6.600		Sq. Mtr	1890.240

CONTRACTOR

PMC

CLIENT



[Signature]
Sr. Engineer

[Signature]
Ex. Engineer

Authorized Signatory

Project Engineer

Project Manager

Dy. Engineer



Measurement Book

Book No. :
Page No. : 151

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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11th Road Work at Milind Nagar, WBM Qty

11th R A BILL MEASUREMENTS

Date:30/12/2016

Measurements of Road work at Milind Nagar.

WBM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.0	2.50 ✓	2.5	0.25 ✓
	15		2.40 ✓		
2	15	15.0	2.40 ✓	2.4	0.25 ✓
	30		2.40 ✓		
3	30	15.0	2.40 ✓	2.4	0.25 ✓
	45		2.30 ✓		
4	45	15.0	2.30 ✓	2.3	0.25 ✓
	60		2.30		
5	60	15.0	2.30	2.3	0.25 ✓
	75		2.30		
6	75	15.0	2.30	2.4	0.25 ✓
	90		2.40		
7	90	15.0	2.40	2.5	0.25 ✓
	105		2.50		
8	105	15.0	2.50	2.5	0.25 ✓
	120		2.50		
9	120	15.0	2.50	2.5	0.25 ✓
	135		2.40		
10	135	15.0	2.40	2.4	0.25 ✓
	150		2.40		
11	150	15.0	2.40	2.4	0.25 ✓
	165		2.30		
12	165	15.0	2.30	2.3	0.25 ✓
	180		2.20		
13	180	15.0	2.20	2.3	0.25 ✓
	195		2.30		
14	195	15.0	2.30	2.3	0.25 ✓
	210		2.20		
15	210	15.0	2.20	2.3	0.25 ✓
	225		2.30		
16	225	15.0	2.30	2.2	0.25 ✓
	240		2.10		
17	240	15.0	2.10	2.2	0.25 ✓
	255		2.30		
18	255	15.0	2.30	2.2	0.25 ✓
	270		2.10		



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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.

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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

2 of 2 **17th Road Work at Milind Nagar, WBM Qty**

Date
Mea
rem

19	270	15.0	2.10	2.0	0.25
	285		1.80		
20	285	15.0	1.80	1.9	0.25
	300		2.00		
21	300	15.0	2.00	2.0	0.25
	315		2.00		
22	315	15.0	2.00	2.2	0.25
	330		2.30		
23	330	18.0	2.30	2.4	0.25
	348		2.40		
		348.000		2.272	0.250



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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. :- **155**

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

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

1 of 1

12th Road Work at Milind Nagar, Mea. Sheet

12th R A BILL MEASUREMENTS

ROAD WORK AT Milind Nagar							
Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
1	ITEM NO. 1 :- Excavation for foundation/pipe trenches in earth soils of all types sand gravel and soft murum, manually or by using mechanical means including & removing the excavated materials, up to a distance of 50.0 m beyond the area, and lifts as below. Stacking and spreading as directed by engineer-in-charge, normal dewatering preparing the bed for foundation and excluding back filling etc complete.	1	348.00	2.27	0.25	Cum	197.64
2	Item No. 11:- Disposal of excavated material including loading the excavated material in trucks / tractors and unloading the same at a distance of 10 KMS as directed by engineer-in-charge.	1	348.00	2.27	0.25	Cum	197.64
3	Item No. : 31 Road restoration - Supply, Spreading, Compacting 80mm and 40 mm metal. Providing and laying 75mm hot mix bitumen layer, 20mm bituminous premix carpet using 60/70 grade, Providing liquid seal coat as per detailed specifications, etc complete as directed by Engineer-in-Charge. (RR only for WBM (80mm & 40mm Layer) work 730 - 533.08 = 196.92						
	WBM work	1	348.00	2.27		Sq. Mtr	790.57

CONTRACTOR



Authorized Signatory

PMC



Project Engineer



Project Manager

CLIENT

[Signature]
Dy. Engineer

Dy. Engineer

[Signature]
Ex. Engineer



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. 4-07
Page No. 157

1 of 2

Road Restoration at Baijipura Chowk to Jincy Police Station., BBM Qty

12th R A BILL MEASUREMENTS				
Date:31/12/2016				
Measurements of Road work at Baijipura Chowk to Jincy Police Station				
BBM				
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	9.0	3.10	3.0 ✓
	9		2.80	
2	9	15.0	2.80	4.3 ✓
	24		5.80	
3	24	15.0	5.80	5.7 ✓
	39		5.50	
4	39	15.0	5.50	5.6 ✓
	54		5.70	
5	54	14.0	5.70	5.7 ✓
	68		5.60	
6	68	15.0	5.60	5.8 ✓
	83		6.00	
7	83	15.0	6.00	6.2 ✓
	98		6.40	
8	98	15.0	6.40	6.0 ✓
	113		5.50	
9	113	15.0	5.50	5.9 ✓
	128		6.30	
10	128	15.0	6.30	6.3 ✓
	143		6.20	
11	143	15.0	6.20	6.4 ✓
	158		6.50	
12	158	15.0	6.50	6.7 ✓
	173		6.80	
13	173	15.0	6.80	6.5 ✓
	188		6.20	
14	188	12.0	6.20	5.7 ✓
	200		5.10	
		200.000		5.671 ✓
15	200	15.0	6.00	6.0 ✓
	215		6.00	
16	215	15.0	6.00	5.9 ✓
	230		5.80	



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AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Sahm Ahl. 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/PI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-
Page No. :- 153

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

Authority No. AMC/Ward B&C/UIDSSM1/2014/184 **Date** 01.07.2014

2 of 2

Road Restoration at Baljipura Chowk to Jincy Police Station., BBM Qty

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
17	230	15.0	5.80	5.4 ✓
	245		5.00	
18	245	15.0	5.00	5.4 ✓
	260		5.70	
19	260	15.0	5.70	5.8 ✓
	275		5.80	
20	275	15.0	5.80	5.3 ✓
	290		4.80	
21	290	15.0	4.80	5.4 ✓
	305		6.00	
22	305	15.0	6.00	5.5 ✓
	320		5.00	
23	320	15.0	5.00	5.2 ✓
	335		5.30	
24	335	15.0	5.30	5.3 ✓
	350		5.20	
25	350	15.0	5.20	5.0 ✓
	365		4.80	
26	365	4.5	4.80	4.7 ✓
	369.5		4.50	
		169.500 ✓		5.388 ✓
27	369.5	15.0	5.80	5.7 ✓
	384.5		5.60	
28	384.5	15.0	5.60	5.7 ✓
	399.5		5.70	
29	399.5	15.0	5.70	5.8 ✓
	414.5		5.90	
30	414.5	10.1	5.90	5.3 ✓
	424.6		4.60	
		55.100 ✓		5.600 ✓
Total		424.600 ✓		5.553 ✓



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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.

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Road Work at Itkheda.,WBM Qty

1st R A BILL MEASUREMENTS

Date:05/01/2017

Measurements of Road Work at Itkheda

Sr. No.	Chainage	Length of Road	Avg. Width by Part wise	Depth of Excavation
Part-I (Agesion Vidya Mandir to Bhorti Kaka House)				
1	0.00	30.00	2.00	0.30 ✓
	30.00			
2	30.00	30.00	2.40	0.30 ✓
	60.00			
3	60.00	30.00	2.00	0.30 ✓
	90.00			
4	90.00	30.00	1.80	0.30 ✓
	120.00			
5	120.00	24.40	2.00	0.30 ✓
	144.40			
		144.40 ✓	2.04 ✓	0.30 ✓
Part-II (From Bhorti Kaka House to Ration Dukan)				
1	0.00	10.00	1.20	0.30 ✓
	10.00			
2	10.00	10.00	1.20	0.30 ✓
	20.00			
3	20.00	10.00	1.00	0.30 ✓
	30.00			
4	30.00	10.00	1.20	0.30 ✓
	40.00			
5	40.00	10.00	1.00	0.30 ✓
	50.00			
6	50.00	10.00	1.20	0.30 ✓
	60.00			
7	60.00	10.00	1.00	0.30 ✓
	70.00			
8	70.00	10.00	0.70	0.30 ✓
	80.00			
9	80.00	15.00	0.60	0.30 ✓
	95.00			
		95.00 ✓	1.01 ✓	0.30 ✓
Part-III (Shanguji House to Lomte House)				
1	0.00	15.00	1.00	0.30 ✓
	15.00			
2	15.00	15.00	1.50	0.30 ✓
	30.00			
3	30.00	15.00	1.50	0.30 ✓
	45.00			
4	45.00	15.00	1.50	0.30 ✓
	60.00			
5	60.00	15.00	1.50	0.30 ✓
	75.00			



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AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone 1 to 4 and Zone Salim Ali, Construction, Testing and Commissioning of Sewerage Treatment Plant based on modern technology at Nakshatrawadi (Kanchanwadi), Banowadi, Siddhant Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Testing and Commissioning of Sewage pumping stations at Banowadi, Siddhant Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, Laying, joining and testing rising main GRP/DI pipe line from Golwadi STP to Nakshatrawadi (Kanchanwadi) STP and Ward No.98 STP for Aurangabad City.

Name of Agency:- M/s Khilari Infra Private Ltd. & GECPIL (Joint Venture)
Authority No. AMC/Ward B&C/UIDSSM/2014/184 Date: 01.07.2014

Date of Measurement	Road Work at Itkheda, WBM Qty				Date
	- 2 of 2				
Sr. No.	Chainage	Length of Road	Avg. Width by Part wise	Depth of Excavation	
6	75.00	15.00	1.50	0.30 ✓	
	90.00				
7	90.00	15.00	1.50	0.30 ✓	
	105.00				
8	105.00	6.40	1.50	0.30 ✓	
	111.40				
		111.40	1.44	0.30 ✓	
Part-IV (Infront of AMC School)					
1	0.00	30.00	1.50	0.30 ✓	
	30.00				
2	30.00	30.00	1.50	0.30 ✓	
	60.00				
3	60.00	32.30	1.50	0.30 ✓	
	92.30				
		92.30	1.50	0.30 ✓	
Total		443.100	1.497	0.300 ✓	



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