



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

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Road work (BM)at Ulkanagari(Near Ridhi Sidhi Hall),BM Qty -1

11th R A BILL MEASUREMENTS

Date:22/12/2016

Measurements of Road Work at Ridhi Sidhi Hall to Ganesh Temple

BM and Carpet Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	8.00	1.40	2.05
	8		2.70	
2	8	7.00	2.70	2.70
	15		2.70	
3	15	15.00	2.70	2.75
	30		2.80	
4	30	15.00	2.80	2.70
	45		2.60	
5	45	15.00	2.60	2.80
	60		3.00	
6	60	15.00	3.00	2.80
	75		2.60	
7	75	15.00	2.60	2.65
	90		2.70	
8	90	15.00	2.70	2.75
	105		2.80	
9	105	15.00	2.80	2.70
	120		2.60	
10	120	15.00	2.60	2.70
	135		2.80	
11	135	15.00	2.80	2.75
	150		2.70	
12	150	15.00	2.70	2.70
	165		2.70	
13	165	15.00	2.70	2.70
	180		2.70	
14	180	15.00	2.70	2.70
	195		2.70	
15	195	15.00	2.70	2.65
	210		2.60	
16	210	15.00	2.60	2.80
	225		3.00	
17	225	2.00	3.00	3.50
	227		4.00	
18	227	15.00	4.00	4.00
	242		4.00	
19	242	14.20	4.00	3.25
	256.2		2.50	
		256.200		2.824



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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 (Kanehanwadi), 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 (Kanehanwadi) 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 Veneture)

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

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11th R A BILL MEASURMENTS

Date:22/12/2016

Measurements of Road Work at Ridhi Sidhi Hall Back Side

BM and Carpet Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	15.00	4.00	4.30
	15		4.60	
2	15	15.00	4.60	4.55
	30		4.50	
3	30	15.00	4.50	4.40
	45		4.30	
4	45	15.00	4.30	4.40
	60		4.50	
5	60	8.00	4.50	5.00
	68		5.50	
6	68	3.20	5.50	6.55
	71.2		7.60	
		71.200		4.867



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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 Vencture)

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

1 of 1

Road work (BM)at Ulkanagari(Near Ridhi Sidhi Hall) ,Mea. Sheet

11th R A BILL MEASUREMENTS

Road Restoration at Ulkanagari

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 WORK						
A)	a)Ridhi Sidhi Hall to Ganesh Temple(BM Laying)	1	256.200	2.824		Sq. Mtr	723.428
	b)Patch Near CH-135.00---(BM Laying)	1	5.500	1.000		Sq. Mtr	5.500
B)	Ridhi Sidhi Hall Back Side(BM Laying)	1	71.200	4.867		Sq. Mtr	346.507
						Sq. Mtr	1075.435
	Carpet Laying						
A)	a)Ridhi Sidhi Hall to Ganesh Temple(BM Laying)	1	256.200	2.824		Sq. Mtr	723.428
	b)Patch Near CH-135.00---(BM Laying)	1	5.500	1.000		Sq. Mtr	5.500
B)	Ridhi Sidhi Hall Back Side(BM Laying)	1	71.200	4.867		Sq. Mtr	346.507
						Sq. Mtr	1075.435

CONTRACTOR

PMC

CLIENT



Authorized Signatory



Project Engineer



Project Manager

sr. Engineer

Dy. Engineer

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 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 A

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Road Restoration at Roshan Gate to Madni Chowk ,WBM Qty

11th R A BILL MEASUREMENTS

Date:23/12/2016

Measurements of Road Restoration at Roshan Gate to Madni Chowk

WBM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	10.0	2.50	2.5	0.4
	10		2.50		
2	10	10.0	2.50	2.5	0.4
	20		2.50		
3	20	5.0	2.50	3.1	0.4
	25		3.65		
4	25	10.0	3.65	3.2	0.4
	35		2.70		
5	35	10.0	2.70	3.2	0.4
	45		3.60		
6	45	10.0	3.60	3.8	0.4
	55		3.90		
7	55	10.0	3.90	3.5	0.4
	65		3.10		
8	65	10.0	3.10	3.2	0.4
	75		3.30		
9	75	10.0	3.30	3.0	0.4
	85		2.75		
10	85	10.0	2.75	2.7	0.4
	95		2.65		
11	95	10.0	2.65	3.1	0.4
	105		3.50		
12	105	10.0	3.50	3.2	0.4
	115		2.90		
13	115	10.0	2.90	2.8	0.4
	125		2.75		
14	125	10.0	2.75	2.8	0.4
	135		2.80		
15	135	10.0	2.80	2.9	0.4
	145		3.00		
16	145	10.0	3.00	2.9	0.4
	155		2.80		
17	155	10.0	2.80	2.7	0.4
	165		2.55		





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 pipe line from Golwadi SPS to Nakshirawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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Road Restoration at Roshan Gate to Madni Chowk ,WBM Qty

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
18	165	10.0	2.55	2.8	0.4
	175		3.00		
19	175	10.0	3.00	3.9	0.4
	185		4.70		
20	185	10.0	4.70	4.2	0.4
	195		3.70		
21	195	10.0	3.70	3.9	0.4
	205		4.00		
22	205	10.0	4.00	4.0	0.4
	215		4.00		
23	215	10.0	4.00	4.2	0.4
	225		4.30		
24	225	10.0	4.30	3.9	0.4
	235		3.55		
25	235	10.0	3.55	3.3	0.4
	245		3.00		
26	245	10.0	3.00	3.1	0.4
	255		3.20		
27	255	10.0	3.20	3.1	0.4
	265		3.00		
28	265	10.0	3.00	3.1	0.4
	275		3.10		
29	275	10.0	3.10	3.4	0.4
	285		3.70		
30	285	5.0	3.70	3.7	0.4
	290		3.70		
31	290	10.0	3.70	3.9	0.4
	300		4.00		
32	300	10.0	4.00	3.7	0.4
	310		3.40		
33	310	10.0	3.40	3.4	0.4
	320		3.40		
34	320	10.0	3.40	3.5	0.4
	330		3.60		
35	330	10.0	3.60	4.0	0.4
	340		4.40		
36	340	6.0	4.40	4.4	0.4
	346		4.40		
		346.00		3.34	

Total up to Date



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

1 of 1

Road Restoration at Roshan Gate to Madni Chowk, Mea. Sheet

11th R A BILL MEASUREMENTS

Road Restoration at Roshan Gate to Madni Chowk							
Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
1	Item No 1 :- Excavation for foundation/pipe trenches in earth soils etc complete.	1	346.000	3.338	0.400	Cum	461.910
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	346.000	3.338	0.400	Cum	461.910
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.	1	346.000	3.338		Sq. Mtr	1154.775

CONTRACTOR



Authorized Signatory



Project Engineer

PMC



Project Manager

CLIENT

[Signature]

Jr. 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 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

Date of Measurement

1 of 1

Road Restoration at Silk Mill Colony., WBM Qty

11th R A BILL MEASUREMENTS

Date: 23/12/2016

Measurements of Road Restoration at Silk Mill Colony

WBM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.0	1.70	2.1	0.40
	15		2.40		
2	15	15.0	2.40	2.4	0.40
	30		2.40		
3	30	15.0	2.40	2.5	0.40
	45		2.50		
4	45	15.0	2.50	2.5	0.40
	60		2.50		
5	60	15.0	2.50	2.5	0.40
	75		2.50		
6	75	14.5	2.50	2.5	0.40
	89.5		2.40		
7	89.5	15.0	2.40	2.4	0.40
	104.5		2.40		
8	104.5	15.0	2.40	2.5	0.40
	119.5		2.50		
9	119.5	15.0	2.50	2.5	0.40
	134.5		2.50		
10	134.5	15.0	2.50	2.5	0.40
	149.5		2.40		
11	149.5	16.8	2.40	2.5	0.40
	166.3		2.50		
12	166.3	15.0	2.50	2.5	0.40
	181.3		2.50		
13	181.3	15.0	2.50	2.5	0.40
	196.3		2.50		
14	196.3	15.0	2.50	2.5	0.40
	211.3		2.40		
		211.300		2.432	0.400

Total up to Date



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(From No.52)

Measurement Book

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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 Gardén, 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.

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

11th R A BILL MEASURMENTS

Road Work at Silk Mill Colony							
Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
1	Item No 1 :- Excavation for foundation/pipe trenches in earth soils etc complete.	1	211.300	2.432	0.400	Cum	205.565
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	211.300	2.432	0.400	Cum	205.565
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	211.300	2.432	Sq. Mtr	513.912

CLIENT

CONTRACTOR

PMC



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Engineer

Dy. Engineer

[Handwritten Signature]
Ex. Engineer

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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1 of 2 Road work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank), WBM Qty

12th R A BILL MEASUREMENTS

Measurements of Road Work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank)					
					Date: 25/12/2016
WBM Work					
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	4.0	2.50	2.5	0.40
	4		2.50		
2	4	15.0	2.50	2.5	0.40
	19		2.50		
3	0	10.0	2.60	2.6	0.40
	10		2.60		
4	10	15.0	2.60	2.7	0.40
	25		2.70		
5	25	15.0	2.70	2.6	0.40
	40		2.50		
6	40	15.0	2.50	2.5	0.40
	55		2.50		
7	55	15.0	2.50	2.6	0.40
	70		2.60		
8	70	15.0	2.60	2.6	0.40
	85		2.60		
9	85	15.0	2.60	2.6	0.40
	100		2.50		
10	100	15.0	2.50	2.4	0.40
	115		2.35		
11	115	15.0	2.35	2.5	0.40
	130		2.60		
12	130	15.0	2.60	2.6	0.40
	145		2.60		
13	145	15.0	2.60	2.7	0.40
	160		2.70		
14	160	15.0	2.70	2.7	0.40
	175		2.65		
15	175	15.0	2.65	2.5	0.40
	190		2.40		



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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/UIDSSMT/2014/184 Date 01.07.2014

Da 2 of 2 Road work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank),WBM Qty
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16	0	5.9	2.50	2.5	0.40
	5.9		2.50		
17	5.9	15.0	2.50	2.5	0.40
	20.9		2.50		
18	20.9	15.0	2.50	2.5	0.40
	35.9		2.50		
19	35.9	15.0	2.50	2.5	0.40
	50.9		2.50		
		259.900		2.547	0.400



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AURANGABAD MUNICIPAL CORPORATION

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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

Road work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank), BM Qty

11th R A BILL MEASURMENTS

Date:28/12/2016

Measurements of Road Restoration Work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank)

BM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	15.00	2.80	2.85
	15		2.90	
2	15	6.60	2.90	2.95
	21.6		3.00	
3	21.6	15.00	3.00	2.85
	36.6		2.70	
4	36.6	15.00	2.70	2.83
	51.6		2.95	
5	51.6	7.70	2.95	2.83
	59.3		2.70	
6	59.3	15.00	2.70	2.80
	74.3		2.90	
7	74.3	15.00	2.90	2.88
	89.3		2.85	
8	89.3	15.00	2.85	2.83
	104.3		2.80	
9	104.3	15.00	2.80	2.85
	119.3		2.90	
10	119.3	15.00	2.90	2.85
	134.3		2.80	
11	134.3	15.00	2.80	2.80
	149.3		2.80	
12	149.3	15.00	2.80	2.85
	164.3		2.90	
13	164.3	15.00	2.90	2.88
	179.3		2.85	
14	179.3	10.70	2.85	2.85
	190		2.85	
15	190	15.00	2.85	2.73
	205		2.60	
16	205	15.00	2.60	2.65
	220		2.70	
17	220	15.00	2.70	2.63
	235		2.55	
18	235	6.20	2.55	2.78
	241.2		3.00	
		241.200		2.814



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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 Vencture)

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

I, of 1

Road work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank), Carpet Qty

Total up to
Date

11th R A BILL MEASUREMENTS

Date:01/01/2017

Measurements of Road Restoration Work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank)

Carpet Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	15.00	4.30	4.15
	15		4.00	
2	15	15.00	4.00	3.55
	30		3.10	
3	30	15.00	3.10	3.15
	45		3.20	
4	45	15.00	3.20	3.30
	60		3.40	
5	60	15.00	3.40	3.55
	75		3.70	
6	75	15.00	3.70	3.80
	90		3.90	
7	90	15.00	3.90	3.75
	105		3.60	
8	105	15.00	3.60	3.65
	120		3.70	
9	120	15.00	3.70	3.75
	135		3.80	
10	135	15.00	3.80	3.80
	150		3.80	
11	150	15.00	3.80	3.95
	165		4.10	
12	165	15.00	4.10	3.90
	180		3.70	
13	180	18.00	3.70	3.70
	198		3.70	
14	198	15.00	3.70	3.60
	213		3.50	
15	213	15.00	3.50	3.65
	228		3.80	
16	228	22.00	3.80	4.05
	250		4.30	
		250.000		3.706

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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.

Book No. :-
Page No. :- **133**

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

Road work at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank),Mea. Sheet

11th R A BILL MEASUREMENTS

Road Restoration at Sahas Society (Yug Dharma Apartment to Rajeshri Shahu Bank)							
Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
1	Item No 1 :- Excavation for foundation/pipe trenches in earth soils etc complete.	1	259.900	2.547	0.400	Cum	264.824
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	259.900	2.547	0.400	Cum	264.824
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 Work	1	259.900	2.547		Sq. Mtr	662.061
	BM Work	1	241.200	2.814		Sq. Mtr	678.710
	Carpet Work	1	250.000	3.706		Sq. Mtr	926.563

CONTRACTOR

PMC

CLIENT



Authorized Signatory



Project Engineer



Project Manager

[Signature]
Jr. Engineer

Dy. Engineer

[Signature]
Ex. Engineer



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Book No. :-
Page No. **139**

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

1 of 1

Road Restoration at Eknath Nagar, BM Qty

Name of
Author

12th R A BILL MEASUREMENTS

Date: 27/12/2016				
Measurements of Road Work at Eknath Nagar				
BM and Carpet Work				
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
1	0	15.00	3.00	3.00
	15		3.00	
2	15	20.00	3.00	3.00
	35		3.00	
3	35	10.00	3.00	2.90
	45		2.80	
4	45	15.00	2.80	2.85
	60		2.90	
5	60	15.00	2.90	2.85
	75		2.80	
6	75	15.00	2.80	2.80
	90		2.80	
7	90	15.00	2.80	2.75
	105		2.70	
8	105	15.00	2.70	2.85
	120		3.00	
9	120	15.00	3.00	2.90
	135		2.80	
10	135	15.00	2.80	2.75
	150		2.70	
11	150	15.00	2.70	2.80
	165		2.90	
12	165	15.00	2.90	2.80
	180		2.70	
13	180	5.00	2.70	2.85
	185		3.00	
14	185	15.00	3.00	2.85
	200		2.70	
15	200	15.00	2.70	2.75
	215		2.80	
16	215	15.00	2.80	2.65
	230		2.50	
17	230	15.00	2.50	2.50
	245		2.50	
18	245	15.00	2.50	2.55
	260		2.60	
19	260	15.00	2.60	2.70
	275		2.80	
20	275	15.00	2.80	2.90
	290		3.00	
21	290	15.00	3.00	2.75
	305		2.50	
22	305	15.00	2.50	2.50
	320		2.50	
23	320	15.00	2.50	2.50
	335		2.50	
24	335	9.00	2.50	2.60
	344		2.70	
25	344	33.00	2.70	2.70
	377		2.70	
Sub total		377.000		2.762

Date of Measurement

Total up to Date

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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 Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanehanwadi), 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 (Kanehanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 140
Page No. :-

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

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

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Road Restoration at Eknath Nagar, Mea. Sheet

17th R A BILL MEASUREMENTS

ROAD WORK AT Eknath Nagar

Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
1	Item No 1 :- Excavation for foundation/pipe trenches in earth soils etc complete.						
	TMB-120-121	1	350.000	2.641	0.274	Cum	253.221
						Cum	253.221
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.						
	TMB - Page No. 120-121	1	350.000	2.641	0.274	Cum	253.221
						Cum	253.221
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 Work TMB - Page No 120-121	1	350.000	2.641		Sq. Mtr	924.457
	BM Work	1	377.000	2.762		Sq. Mtr	1041.274
	Carpet Work	1	377.000	2.762		Sq. Mtr	1041.274

CONTRACTOR



Authorized Signatory

PMC



Project Engineer



Project Manager

CLIENT

Jt. Engineer

Dy. Engineer

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 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

Book No. **141**
Page No. **1**

Name
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1 of 4

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

11th R A BILL MEASUREMENTS

Date
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Measurements of Road Restoration at Juna Bajar Sagar Hotel to Town Hall

Date:29/12/2016

WBM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.0	2.60	2.6	0.40
	15		2.60		
2	15	15.0	2.60	2.6	0.40
	30		2.65		
3	30	15.0	2.65	2.7	0.40
	45		2.75		
4	45	15.0	2.75	2.7	0.40
	60		2.60		
5	60	15.0	2.60	2.7	0.40
	75		2.70		
6	75	15.0	2.70	2.7	0.40
	90		2.70		
7	90	15.0	2.70	2.7	0.40
	105		2.70		
8	105	15.0	2.70	2.8	0.40
	120		2.80		
9	120	15.0	2.80	2.8	0.40
	135		2.75		
10	135	15.0	2.75	2.7	0.40
	150		2.70		
11	150	12.0	2.70	2.7	0.40
	162		2.70		
12	162	15.0	2.70	2.8	0.40
	177		2.80		
13	177	15.0	2.80	2.7	0.40
	192		2.60		



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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 S

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

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
14	192	15.0	2.60	2.7	0.40
	207		2.70		
15	207	15.0	2.70	2.7	0.40
	222		2.70		
16	222	15.0	2.70	2.7	0.40
	237		2.65		
17	237	15.0	2.65	2.7	0.40
	252		2.70		
18	252	15.0	2.70	2.7	0.40
	267		2.60		
19	267	15.0	2.60	2.6	0.40
	282		2.50		
20	282	15.0	2.50	2.5	0.40
	297		2.55		
21	297	15.0	2.55	2.6	0.40
	312		2.65		
22	312	15.0	2.65	2.7	0.40
	327		2.75		
23	327	15.0	2.75	2.6	0.40
	342		2.50		
24	342	15.0	2.50	2.5	0.40
	357		2.50		
25	357	15.0	2.50	2.5	0.40
	372		2.50		
26	372	15.0	2.50	2.6	0.40
	387		2.60		
27	387	6.1	2.60	2.6	0.40
	393.1		2.50		
28	393.1	15.0	2.50	2.5	0.40
	408.1		2.50		
29	408.1	15.0	2.50	2.5	0.40
	423.1		2.55		



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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
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3 of 3

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

Date of
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ement

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
30	423.1	15.0	2.55	2.5	0.40
	438.1		2.40		
31	438.1	9.5	2.40	2.4	0.40
	447.6		2.40		
32	447.6	15.0	2.40	2.5	0.40
	462.6		2.50		
33	462.6	15.0	2.50	2.5	0.40
	477.6		2.50		
34	477.6	15.0	2.50	2.5	0.40
	492.6		2.50		
35	492.6	15.0	2.50	2.5	0.40
	507.6		2.40		
36	507.6	15.0	2.40	2.5	0.40
	522.6		2.50		
37	522.6	15.0	2.50	2.5	0.40
	537.6		2.40		
38	537.6	15.0	2.40	2.5	0.40
	552.6		2.50		
39	552.6	15.0	2.50	2.5	0.40
	567.6		2.50		
40	567.6	15.0	2.50	2.6	0.40
	582.6		2.70		
41	582.6	15.0	2.70	2.7	0.40
	597.6		2.60		
42	597.6	15.0	2.60	2.6	0.40
	612.6		2.50		
43	612.6	15.0	2.50	2.6	0.40
	627.6		2.60		
44	627.6	15.0	2.60	2.6	0.40
	642.6		2.50		
45	642.6	15.0	2.50	2.5	0.40
	657.6		2.50		
		657.600		2.590	0.400



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