



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 GRP DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.9S to STP for Aurangabad City.

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Page No. : 151

Name of Authority 1 of 1

Road Work at Itkheda, Concrete Road City

Date of Measurement	
1	

11th RA BILL MEASUREMENTS				
Measurements of Road Work at Itkheda (Sal Vrundavan Colony) (Concrete and Paver Block)				
Sr. No.	Chainage	Length of Road	Avg. Width by Part wise	Depth of Excavation
Part-I -- Concrete work-- (Sal Vrundavan Colony @R.H.S.)				
1	0.00	10.00	1.20	0.175 ✓
	10.00			
2	10.00	10.00	1.20	0.175 ✓
	20.00			
3	20.00	10.00	1.20	0.175 ✓
	30.00			
4	30.00	10.00	1.10	0.175 ✓
	40.00			
5	40.00	10.00	1.10	0.175 ✓
	50.00			
6	50.00	10.00	1.10	0.175 ✓
	60.00			
7	60.00	10.00	1.00	0.175 ✓
	70.00			
8	70.00	10.00	1.00	0.175 ✓
	80.00			
9	80.00	10.00	1.00	0.175 ✓
	90.00			
10	90.00	8.00	1.00	0.175 ✓
	98.00			
	98.00 ✓		1.09 ✓	0.175 ✓
Part-II -- Concrete work-- (Sal Vrundavan Colony @L.H.S.)				
1	0.00	10.00	1.00	0.175 ✓
	10.00			
2	10.00	10.00	1.00	0.175 ✓
	20.00			
3	20.00	10.00	1.00	0.175 ✓
	30.00			
4	30.00	10.00	1.00	0.175 ✓
	40.00			
5	40.00	10.00	1.00	0.175 ✓
	50.00			
6	50.00	10.00	1.20	0.175 ✓
	60.00			
7	60.00	10.00	1.20	0.175 ✓
	70.00			
8	70.00	10.00	1.20	0.175 ✓
	80.00			
9	80.00	10.00	1.20	0.175 ✓
	90.00			
10	90.00	8.00	1.20	0.175 ✓
	98.00			
	98.00 ✓		1.10 ✓	0.175 ✓
Total for concrete Road		196.000	1.095	0.175
Part-III --- Paver Block work-- (Sal Vrundavan Colony From Gate)				
1	0.00	10.00	1.00	0.10 ✓
	10.00			
2	10.00	10.00	0.75	0.10 ✓
	20.00			
3	20.00	10.00	0.70	0.10 ✓
	30.00			
4	30.00	10.00	0.75	0.10 ✓
	40.00			
5	40.00	10.00	0.75	0.10 ✓
	50.00			
6	50.00	10.00	0.75	0.10 ✓
	60.00			
7	60.00	14.60	0.70	0.10 ✓
	74.60			
Total for Paver Block		74.600	0.771	0.100



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

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

1 of 1

Road Work at Itkheda, Mea. Sheet

12th RA BILL MEASUREMENTS

ROAD WORK AT ITKHEDA (Sai Vrundavan 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.						
	For WBM Work	1	443.100	1.497	0.300	cum	199.017
	For Concrete Work	1	196.000	1.095	0.175	cum	37.559
	For Paver Block Work	1	74.600	0.771	0.100	cum	5.755
							242.330
2	Item No. 6:-Providing and laying in situ Cement Concrete of trap/granite /quartzite/gneiss metal for RCC work in foundation like raft,grillage,strip foundation and footing of RCC columns and steel stanchions including normal						
	For Concrete Work	1	196.000	1.095	0.075	cum	16.097
							16.097
3	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.						
	For WBM Work	1	443.100	1.497	0.300	cum	199.017
	For Concrete Work	1	196.000	1.095	0.175	cum	37.559
	For Paver Block Work	1	74.600	0.771	0.100	cum	5.755
							242.330
4	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	1	443.100	1.497		Sq. Mtr	663.388
5	Extra Item No.8(b):- Providing and laying/jointing of Inter Locking Paver Blocks ... etc completed	1	74.600	0.771		Sq. Mtr	57.549

CONTRACTOR

PMC

CLIENT



Authorized Signatory



Project Engineer



Project Manager

[Signature]
H. Engineer

Dy. Engineer

[Signature]
Ex. Engineer



AURANGABAD MUNICIPAL CORPORATION
(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 Salam Ah, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CHCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CHCO (Airport), Providing, lowering, laying jointing and testing rising main G.R.P. DI pipe line from Golwadi SPS to Nakshrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City

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

1 of 3 Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir),WBM Qty
12th R A BILL MEASUREMENTS

Measurements of Road Work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir)					
Date:05/01/2017					
WBM					
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.0	2.40	2.45	0.30 ✓
	15		2.50		
2	15	15.0	2.50	2.58	0.30 ✓
	30		2.65		
3	30	15.0	2.65	2.73	0.30 ✓
	45		2.80		
4	45	3.8	2.80	2.70	0.30 ✓
	48.8		2.60		
5	48.8	15.0	2.60	2.85	0.30 ✓
	63.8		3.10		
6	63.8	15.0	3.10	2.90	0.30 ✓
	78.8		2.70		
7	78.8	15.0	2.70	2.80	0.30 ✓
	93.8		2.90		
8	93.8	15.0	2.90	2.75	0.30 ✓
	108.8		2.60		
9	108.8	15.0	2.60	2.55	0.30 ✓
	123.8		2.50		
10	123.8	15.0	2.50	2.45	0.30 ✓
	138.8		2.40		
11	138.8	15.0	2.40	2.55	0.30 ✓
	153.8		2.70		
12	153.8	15.0	2.70	2.75	0.30 ✓
	168.8		2.80		
13	168.8	15.0	2.80	2.70	0.30 ✓
	183.8		2.60		





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 Bansilal Nagar(Fire Brigade to Behind Datta Mandir),WBM Qty

14	183.8	15.0	2.60	2.60	0.30 ✓
	198.8		2.60		
15	198.8	15.0	2.60	2.65	0.30 ✓
	213.8		2.70		
16	213.8	15.0	2.70	2.65	0.30 ✓
	228.8		2.60		
17	228.8	15.0	2.60	2.70	0.30 ✓
	243.8		2.80		
18	243.8	15.0	2.80	2.70	0.30 ✓
	258.8		2.60		
19	258.8	15.0	2.60	2.70	0.30 ✓
	273.8		2.80		
20	273.8	15.0	2.80	2.60	0.30 ✓
	288.8		2.40		
21	288.8	15.0	2.40	2.55	0.30 ✓
	303.8		2.70		
22	303.8	15.0	2.70	2.65	0.30 ✓
	318.8		2.60		
23	318.8	15.0	2.60	2.70	0.30 ✓
	333.8		2.80		
24	333.8	15.0	2.80	2.65	0.30 ✓
	348.8		2.50		
25	348.8	15.0	2.50	2.55	0.30 ✓
	363.8		2.60		
26	363.8	15.0	2.60	2.75	0.30 ✓
	378.8		2.90		
27	378.8	15.0	2.90	2.75	0.30 ✓
	393.8		2.60		
28	393.8	15.0	2.60	2.65	0.30 ✓
	408.8		2.70		
29	408.8	15.0	2.70	2.95	0.30 ✓
	423.8		3.20		
30	423.8	15.0	3.20	3.15	0.30 ✓
	438.8		3.10		





AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

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

3 of 3 Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir),WBM Qty

31	438.8	15.0	3.10	3.10	0.30 ✓
	453.8		3.10		
32	453.8	15.0	3.10	2.90	0.30 ✓
	468.8		2.70		
33	468.8	15.0	2.70	2.75	0.30 ✓
	483.8		2.80		
34	483.8	15.0	2.80	2.95	0.30 ✓
	498.8		3.10		
35	498.8	15.0	3.10	3.00	0.30 ✓
	513.8		2.90		
36	513.8	4.4 ✓	2.90	2.95	0.30 ✓
	518.2		3.00		
	518.200 ✓			2.732 ✓	0.300 ✓





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Name of Authority

1 of 3

Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir), BM Qty

11th R A BILL MEASUREMENTS

Date:06/01/2017

Measurements of Road Work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir)

BM

Sr. No.	Chainage	Length of Road	Width Of Road	Avg. Width by Part wise
1	0	15.0	2.40	2.45 ✓
	15		2.50	
2	15	15.0	2.50	2.58 ✓
	30		2.65	
3	30	15.0	2.65	2.73 ✓
	45		2.80	
4	45	3.8	2.80	2.70 ✓
	48.8		2.60	
5	48.8	15.0	2.60	2.85 ✓
	63.8		3.10	
6	63.8	15.0	3.10	2.90 ✓
	78.8		2.70	
7	78.8	15.0	2.70	2.80 ✓
	93.8		2.90	
8	93.8	15.0	2.90	2.75 ✓
	108.8		2.60	
9	108.8	15.0	2.60	2.55 ✓
	123.8		2.50	
10	123.8	15.0	2.50	2.45 ✓
	138.8		2.40	
11	138.8	15.0	2.40	2.55 ✓
	153.8		2.70	
12	153.8	15.0	2.70	2.75 ✓
	168.8		2.80	
13	168.8	15.0	2.80	2.70 ✓
	183.8		2.60	
14	183.8	15.0	2.60	2.60 ✓
	198.8		2.60	
15	198.8	15.0	2.60	2.65 ✓
	213.8		2.70	
16	213.8	15.0	2.70	2.65 ✓
	228.8		2.60	
17	228.8	15.0	2.60	2.70 ✓
	243.8		2.80	



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

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Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir),BM Qty

Sr. No.	Chainage	Length of Road	Width Of Road	Avg. Width by Part wise
18	243.8	15.0	2.80	2.70 ✓
	258.8		2.60	
19	258.8	15.0	2.60	2.70 ✓
	273.8		2.80	
20	273.8	15.0	2.80	2.60 ✓
	288.8		2.40	
21	288.8	15.0	2.40	2.55 ✓
	303.8		2.70	
22	303.8	15.0	2.70	2.65 ✓
	318.8		2.60	
23	318.8	15.0	2.60	2.70 ✓
	333.8		2.80	
24	333.8	15.0	2.80	2.65 ✓
	348.8		2.50	
25	348.8	15.0	2.50	2.55 ✓
	363.8		2.60	
26	363.8	15.0	2.60	2.75 ✓
	378.8		2.90	
27	378.8	15.0	2.90	2.75 ✓
	393.8		2.60	
28	393.8	15.0	2.60	2.65 ✓
	408.8		2.70	
29	408.8	15.0	2.70	2.95 ✓
	423.8		3.20	
30	423.8	15.0	3.20	3.15 ✓
	438.8		3.10	
31	438.8	15.0	3.10	3.10 ✓
	453.8		3.10	
32	453.8	15.0	3.10	2.90 ✓
	468.8		2.70	
33	468.8	15.0	2.70	2.75 ✓
	483.8		2.80	
34	483.8	15.0	2.80	2.95 ✓
	498.8		3.10	
35	498.8	15.0	3.10	3.00 ✓
	513.8		2.90	



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

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

Date of Measurement	Particulars	Details				Last Measurement

3 of 3

Road work at Bansil Nagar(Fire Brigade to Behind Datta Mandir),BM Qty

Sr. No.	Chainage	Length of Road	Width Of Road	Avg. Width by Part wise
36	513.8	4.4	2.90	2.95 ✓
	518.2		3.00	
33	518.2	16.9	5.60	5.60 ✓
	535.1		5.60	
		535.100		3.150 ✓
BM Near Datta Mandir				
34	0	15.0	5.60	4.42 ✓
	15		3.24	
35	15	15.0	3.24	4.42 ✓
	30		5.60	
		30.00		4.42 ✓
Total		565.100		3.785 ✓



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Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir), Carpet Qty

11th R A BILL MEASUREMENTS

Date: 28/01/2017

Measurements of Road Work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir)

Carpet				
Sr. No.	Chainage	Length of Road	Width Of Road	Avg. Width by Part wise
1	0	15.0	6.40	6.35 ✓
	15		6.30	
2	15	15.0	6.30	6.10 ✓
	30		5.90	
3	30	15.0	5.90	5.80 ✓
	45		5.70	
4	45	9.9	5.70	5.70 ✓
	54.9		5.70	
5	54.9	15.0	5.70	5.55 ✓
	69.9		5.40	
6	69.9	15.0	5.40	5.40 ✓
	84.9		5.40	
7	84.9	14.0	5.40	5.40 ✓
	98.9		5.40	
8	98.9	15.0	5.40	4.60 ✓
	113.9		3.80	
9	113.9	15.0	3.80	3.80 ✓
	128.9		3.80	
10	128.9	14.3	3.80	3.75 ✓
	143.2		3.70	
11	143.2	15.0	3.70	4.10 ✓
	158.2		4.50	
12	158.2	15.0	4.50	4.75 ✓
	173.2		5.00	
13	173.2	5.6	5.00	6.10 ✓
	178.8		7.20	
14	178.8	13.0	7.20	6.05 ✓
	191.8		4.90	
15	191.8	15.0	4.90	4.45 ✓
	206.8		4.00	
16	206.8	15.0	4.00	4.20 ✓
	221.8		4.40	
17	221.8	15.0	4.40	4.25 ✓
	236.8		4.10	
18	236.8	15.0	4.10	5.30 ✓
	251.8		6.50	
19	251.8	15.0	6.50	6.90 ✓
	266.8		7.30	



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

Authority

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Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir), Carpet Qty

Date of Measurement	Sr. No.	Chainage	Length of Road	Width Of Road		Avg. Width by Part wise	
				Width	Width		
	20	266.8	11.6	7.30	6.85	✓	
		278.4		6.40			
	21	278.4	15.0	6.40	7.00	✓	
		293.4		7.60			
	22	293.4	15.0	7.60	7.00	✓	
		308.4		6.40			
	23	308.4	15.0	6.40	6.25	✓	
		323.4		6.10			
	24	323.4	15.0	6.10	6.20	✓	
		338.4		6.30			
	25	338.4	18.0	6.30	6.20	✓	
		356.4		6.10			
	26	356.4	15.0	6.10	6.15	✓	
		371.4		6.20			
	27	371.4	13.4	6.20	6.20	✓	
		384.8		6.20			
	28	384.8	15.0	6.20	6.00	✓	
		399.8		5.80			
	29	399.8	15.0	5.80	5.90	✓	
		414.8		6.00			
	30	414.8	15.0	6.00	5.95	✓	
		429.8		5.90			
	31	429.8	15.0	5.90	5.95	✓	
		444.8		6.00			
	32	444.8	15.0	6.00	6.45	✓	
		459.8		6.90			
	33	459.8	15.0	6.90	6.85	✓	
		474.8		6.80			
	34	474.8	15.0	6.80	6.60	✓	
		489.8		6.40			
	35	489.8	3.6	6.40	6.20	✓	
		493.4		6.00			
				493.400		5.723	✓
	Near Datta Mandir Carpet						
28	0	15.0	5.90	5.90	✓		
	15		5.90				
29	15	15.0	5.90	5.90	✓		
	30		5.90				
30	30	16.9	5.90	5.75	✓		
	46.9		5.60				
			46.900		5.850	✓	
			540.300		5.786	✓	



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.

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

Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir), Mea. Sheet
1 of 1

17th R A BILL MEASUREMENTS

Road Restoration at Bansilal Nagar(Fire Brigade to Behind Datta Mandir)							
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	518.200	2.732	0.300	Cum	424.708
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	518.200	2.732	0.300	Cum	424.708
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	518.200	2.732			
	BM Laying	1	565.100	3.785		Sq. Mtr	1415.684
	Carpet Laying	1	540.300	5.786		Sq. Mtr	2138.904
						Sq. Mtr	3126.407

<p>CONTRACTOR</p>  <p>Authorized Signatory</p>	<p>PMC</p>  <p>Project Engineer</p>	<p>CLIENT</p>  <p>Project Manager</p>	<p>CLIENT</p>  <p>Dy. Engineer</p>	<p>CLIENT</p>  <p>Dy. Engineer</p>
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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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Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01.07.2014

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17th Road Work at Sathe Chowk to MIDC Road, WBM Qty

17th R A BILL MEASUREMENTS

Date:05/1/2017

Measurements of Road Restoration Work at Sathe Chowk to MIDC Road.

Sr. No.	Chainage	Length of Road	WBM		
			Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.00	2.00	2.25	0.40 ✓
	15		2.50		
2	15	15.00	2.50	2.53	0.40 ✓
	30		2.55		
3	30	15.00	2.55	2.53	0.40 ✓
	45		2.50		
4	45	15.00	2.50	2.55	0.40 ✓
	60		2.60		
5	60	15.00	2.60	2.60	0.40 ✓
	75		2.60		
6	75	15.00	2.60	2.58	0.40 ✓
	90		2.55		
7	90	15.00	2.55	2.53	0.40 ✓
	105		2.50		
8	105	15.00	2.50	2.40	0.40 ✓
	120		2.30		
9	120	15.00	2.30	2.40	0.40 ✓
	135		2.50		
10	135	15.00	2.50	2.50	0.40 ✓
	150		2.50		
11	150	15.00	2.50	2.50	0.40 ✓
	165		2.50		
12	165	15.00	2.50	2.50	0.40 ✓
	180		2.50		
13	180	8.50	2.50	2.50	0.40 ✓
	188.5		2.50		
		188.500		2.488	0.400 ✓



AURANGABAD MUNICIPAL CORPORATION
(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 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.

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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11th Road Work at Sathe Chowk to MIDC Road, Mea. Sheet
11th R A BILL MEASUREMENTS

Road Work at Sathe Chowk to MIDC Road

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	188.500	2.488	0.400	Cum	187.630
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-	1	188.500	2.488	0.400	Cum	187.630
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						
	WBM	1	188.500	2.488		Sq. Mtr	469.075



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AURANGABAD MUNICIPAL CORPORATION.

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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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Authority No. AA

11th R A BILL MEASUREMENTS

Date:10/01/2016

Measurements of Road Work at Sangharsh 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	0.40 ✓
	15		2.55		
2	15	15.0	2.55	2.6	0.40 ✓
	30		2.60		
3	30	15.0	2.60	2.7	0.40 ✓
	45		2.70		
4	45	15.0	2.70	2.6	0.40 ✓
	60		2.50		
5	60	15.0	2.50	2.6	0.40 ✓
	75		2.70		
6	75	15.0	2.70	2.7	0.40 ✓
	90		2.65		
7	90	15.0	2.65	2.6	0.40 ✓
	105		2.60		
8	105	15.0	2.60	2.5	0.40 ✓
	120		2.40		
9	120	15.0	2.40	2.6	0.40 ✓
	135		2.70		
10	135	15.0	2.70	2.7	0.40 ✓
	150		2.70		
11	150	15.0	2.70	2.7	0.40 ✓
	165		2.75		
12	165	15.0	2.75	2.7	0.40 ✓
	180		2.70		
13	180	15.0	2.70	2.7	0.40 ✓
	195		2.65		
14	195	15.0	2.65	2.5	0.40 ✓
	210		2.40		
15	210	15.0	2.40	2.4	0.40 ✓
	225		2.40		
16	225	15.0	2.40	2.5	0.40 ✓
	240		2.50		
17	240	15.0	2.50	2.5	0.40 ✓
	255		2.50		
18	255	15.0	2.50	2.5	0.40 ✓
	270		2.50		
19	270	15.0	2.50	2.5	0.40 ✓
	285		2.40		
20	285	15.0	2.40	2.4	0.40 ✓
	300		2.40		
		300.000		2.568	0.400



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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 Restoration at Sangharsh Nagar Chikhalthana, Mea. Sheet

ROAD WORK AT Sangharsh Nagar Chikhalthana							
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. Sangharsh Nagar	1	300.000	2.568	0.400	Cum	308.100
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. Sangharsh Nagar	1	300.000	2.568	0.400	Cum	308.100
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. Sangharsh Nagar	1	300.000	2.568		Sq. Mtr	770.250

<p>CONTRACTOR</p>  <p>Authorized Signatory</p>	<p>PMC</p>  <p>Project Engineer</p>	<p>CLIENT</p>  <p>Project Manager</p>
 <p>Dy. Engineer</p>	 <p>Engineer</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.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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Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01.07.2014

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Road Restoration at Nathvally School Road (Rajveer Milk Store Street Road), Mea. Sheet
17th R A BILL MEASUREMENTS

Road Restoration at Nathvally School Road(Rajveer Milk Store Street Road)							
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.						
	(Rajveer Milk Store Street Road)	1	67.000	3.457	0.300	Cum	69.489
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.						
	(Rajveer Milk Store Street Road)	1	67.000	3.457	0.300	Cum	69.489
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(Rajveer Milk Store Street Road)	1	67.000	3.457		Sq. Mtr	231.629
							231.629

CONTRACTOR



Authorized Signatory

PMC



Project Engineer



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

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Road Restoration at Nathvally School Road ,WBM Qty

Date of Measurement

11th R A BILL MEASUREMENTS

Date:16/01/2017

Measurements of Road Work at Nathvally School Road

WBM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	10.00	1.70	1.85	0.40
	10		2.00		
2	10	10.00	2.00	2.25	0.40
	20		2.50		
3	20	10.00	2.50	2.55	0.40
	30		2.60		
4	30	10.00	2.60	2.50	0.40
	40		2.40		
5	40	10.00	2.40	2.45	0.40
	50		2.50		
6	50	10.00	2.50	2.60	0.40
	60		2.70		
7	60	10.00	2.70	2.75	0.40
	70		2.80		
8	70	15.00	2.80	2.65	0.40
	85		2.50		
9	85	6.50	2.50	2.50	0.40
	91.5		2.50		
		91.500	2.456		0.400



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