



# 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

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Road Work at Fule Nagar(Usmanpura),.Mea. Sheet

### 11th R A BILL MEASURMENTS

ROAD WORK AT Fule Nagar(Usmanpura)							
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.						
	Part-I	1	124.850	0.839	0.250		
	Part-II	1	34.600	0.656	0.200	cum	26.192
	Part-III	1	10.200	1.575	0.250	cum	4.541
	Part-IV	1	30.000	0.500	0.100	cum	4.016
							1.500
							36.250
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-						
	Part-I	1	124.850	0.839	0.250	cum	26.192
	Part-II	1	34.600	0.656	0.200	cum	4.541
	Part-III	1	10.200	1.575	0.250	cum	4.016
	Part-IV	1	30.000	0.500	0.100	cum	1.500
							36.250
3	Extra item no.:-5. a) Providing Rubble soling in 15 to 20cm thk layer						
	Part-I	1	124.850	0.839	0.150	cum	15.715
	Part-II	1	34.600	0.656	0.100	cum	2.271
	Part-III	1	10.200	1.575	0.150	cum	2.410
							20.396
4	Extra Item :5(b) - Providing & Casting M15 Grade PCC for manhole etc complete.						
	Part-I	1	124.850	0.839	0.100	cum	10.477
	Part-II	1	34.600	0.656	0.100	cum	2.271
	Part-III	1	10.200	1.575	0.100	cum	1.606
	Part-IV	1	30.000	0.500	0.100	cum	1.500
							15.854

CONTRACTOR

PMC

CLIENT



Authorized Signatory

Project Engineer

Project Manager

Engineer

Dy. Engineer

Ex. Engineer





# AURANGABAD MUNICIPAL CORPORATION.

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## 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

1 of 1

Road Restoration Work at Neharu Bhavan to Buddhiline.,WBM Qty

Date  
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### 11th R A BILL MEASUREMENTS

Measurements of Road Work at Neharu Bhavan to Buddhiline

Date:12/12/2017

WBM					
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.00	2.20	2.23	0.30
	15		2.25		
2	15	15.00	2.25	2.28	0.30
	30		2.30		
3	30	15.00	2.30	2.25	0.30
	45		2.20		
4	45	15.00	2.20	2.18	0.30
	60		2.15		
5	60	5.00	2.15	2.08	0.30
	65		2.00		
		<b>65.000</b>		<b>2.200</b>	<b>0.300</b>



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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 Vencture)

**Authority No.** AMC/Ward R&C/HDSSMT/2014/194 Date 01.07.2014

### 17th R A BILL MEASUREMENTS

#### Road Work at Neharu Bhavan to Buddhiline

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	65.000	2.200	0.300	Cum	42.900
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	65.000	2.200	0.300	Cum	42.900
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.						
	<b>WBM Work</b>	1	65.000	2.200		Sq. Mtr	143.000

**CONTRACTOR**

**PMC**

**CLIENT**



Authorized Signatory



Project Engineer



Project Manager

Dy. 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 Commissioning of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No. 98 and PDI for A

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**11th Road Work at Sai Vrundavan Colony, WBM Qty**  
**11th R A BILL MEASUREMENTS**

Date: 13/12/2016

Measurements of Road Work at Sai Vrundavan Colony				
WBM and Paver Block				
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise
<b>Part-I (Near Choudhari Thakkar House)</b>				
1	0.00	10.00	3.20	3.05
	10.00		2.90	
2	10.00	10.00	2.90	2.90
	20.00		2.90	
3	20.00	10.00	2.90	3.03
	30.00		3.15	
4	30.00	10.00	3.15	3.08
	40.00		3.00	
5	40.00	10.00	3.20	3.10
	50.00		3.20	
6	50.00	10.00	3.10	3.15
	60.00		3.10	
7	60.00	10.00	3.10	3.28
	70.00		3.45	
8	70.00	1.80	3.45	3.45
	71.80		3.45	
		<b>71.800</b>		<b>3.128</b>
<b>Part-II (Near Manas House)</b>				
1	0.00	10.00	1.80	1.55
	10.00		1.30	
2	10.00	10.00	1.30	1.30
	20.00		1.30	
3	20.00	10.00	1.30	1.25
	30.00		1.20	
4	30.00	10.00	1.20	1.30
	40.00		1.40	
5	40.00	3.10	1.40	1.40
	43.10		1.40	
6	43.10	10.00	1.40	1.35
	53.10		1.30	
7	53.10	10.00	1.30	1.25
	63.10		1.20	
8	63.10	10.00	1.20	1.10
	73.10		1.00	
9	73.10	10.00	1.00	1.10
	83.10		1.20	
10	83.10	10.00	1.20	1.15
	93.10		1.10	
11	93.10	10.00	1.10	1.25
	103.10		1.40	
12	103.10	4.20	1.40	1.35
	107.30		1.30	



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17th Road Work at Sai Vrundavan Colony, WBM Qty

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Date	Meas	reme			
	13	107.30		1.30	1.20
		120.30	13.00	1.10	
			<b>120.300</b>		<b>1.273</b>
<b>Part-III (Near Ganpati madir)</b>					
	1	0.00	10.00	1.00	1.00
		10.00		1.00	
	2	10.00	10.00	1.00	1.00
		20.00		1.00	
	3	20.00	10.00	1.00	1.00
		30.00		1.00	
	4	30.00	10.00	1.00	1.00
		40.00		1.00	
	5	40.00	10.00	1.00	1.00
		50.00		1.00	
	6	50.00	10.00	1.00	1.00
		60.00		1.00	
	7	60.00	10.00	1.00	1.00
		70.00		1.00	
	8	70.00	4.40	1.00	1.00
		74.40		1.00	
			<b>74.400</b>		<b>1.000</b>
			<b>WBM Qty= 266.500</b>		<b>1.800</b>
			<b>Concrete Qty. PCC 266.500</b>	<b>1.8</b>	<b>0.100</b>
<b>Part-IV (Paver Block From Ghodele House)</b>					
	1	0.00	4.40	0.70	0.70
		4.40		0.70	
	2	4.40	13.90	0.70	0.85
		18.30		1.00	
	3	18.30	12.80	1.00	1.10
		31.10		1.20	
	4	31.10	13.00	1.20	1.10
		44.10		1.00	
	5	44.10	10.00	1.00	1.00
		54.10		1.00	
	6	54.10	14.85	1.00	1.00
		68.95		1.00	
	7	68.95	10.00	1.00	1.00
		78.95		1.00	
	8	78.95	9.40	1.00	1.00
		88.35		1.00	
	8	88.35	5.70	1.00	1.00
		94.05		1.00	
			<b>94.050</b>		<b>0.972</b>



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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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11th Road Work at Sai Vrundavan Colony, Mea. Sheet

**11th R A BILL MEASUREMENTS**

**ROAD WORK AT 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.						
		1	266.500	1.800	0.300	cum	143.942
							143.942
2	Item No. 11 Disposal of excavated material including loading the excavated material in trucks / tractors and unloading the same at a						
		1	266.500	1.800	0.300	cum	143.942
							143.942
3	Item No. : 31 Road restoration - Supply, Spreading, Compacting 80mm and 40 mm metal. Providing and laying 75mm hot mix bitumen layer, 20mm Thickness 200mm						
		1	266.500	1.800		Sq. Mtr	479.807
							479.807
4	Extra Item :5(b) - Providing & Casting M15 Grade PCC for manhole etc complete.						
		1	266.500	1.800	0.100	cum	47.981
	Extra Patch work at sai Vrundavan colony	1	9.000	0.800	0.100	cum	0.720
		1	4.200	0.900	0.100	cum	0.378
							49.079
5	Extra Item .8(b):- Providing and laying/Jointing of Inter Locking Paver Blocks ... etc completed	1	94.050	0.972		Sq. Mtr	91.438



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Road Restoration at Banewadi, WBM Qty

### 11th R A BILL MEASUREMENTS

Date: 14/12/16					
Measurements of Road Restoration at Banewadi					
WBM Work					
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	10.7	2.55	2.5	0.30
	10.7		2.50		
2	10.7	26.7	2.50	2.5	0.30
	37.4		2.45		
3	37.4	6.0	2.45	2.5	0.30
	43.4		2.45		
4	43.4	15.0	2.40	2.4	0.30
	58.4		2.40		
5	58.4	7.0	2.40	2.5	0.30
	65.4		2.50		
6	65.4	15.0	2.50	2.6	0.30
	80.4		2.60		
7	80.4	15.0	2.60	2.6	0.30
	95.4		2.50		
8	95.4	15.0	2.50	2.5	0.30
	110.4		2.50		
9	110.4	7.3	1.90	1.9	0.30
	117.7		1.90		
10	117.7	13.7	2.30	2.5	0.30
	131.4		2.70		
11	131.4	15.0	2.70	2.7	0.30
	146.4		2.70		
12	146.4	8.0	2.70	2.7	0.30
	154.4		2.70		
13	154.4	5.0	2.70	2.7	0.30
	159.4		2.60		
14	159.4	15.0	2.60	2.6	0.30
	174.4		2.60		
15	174.4	15.0	2.60	2.6	0.30
	189.4		2.60		
16	189.4	10.6	2.60	2.5	0.30
	200		2.30		
		<b>200.000</b>			<b>2.500</b>



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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

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Road Restoration at Bhanudas Nagar, WBM Qty

Date of Measurement

### 11th R A BILL MEASURMENTS

Date: 15/12/2016

#### Measurements of Road Work at Bhanudas Nagar

#### WBM Work

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.0	2.40	2.5	0.40
	15		2.50		
2	15	15.0	2.50	2.6	0.40
	30		2.60		
3	30	15.0	2.60	2.7	0.40
	45		2.80		
4	45	15.0	2.80	2.8	0.40
	60		2.70		
5	60	15.0	2.70	2.7	0.40
	75		2.70		
6	75	8.0	2.70	2.8	0.30
	83		2.80		
7	83	8.8	2.80	2.9	0.30
	91.8		3.00		
8	91.8	15.0	3.00	3.0	0.30
	106.8		2.90		
9	106.8	20.8	2.90	2.9	0.40
	127.6		2.80		
		<b>127.60</b>		<b>2.73</b>	<b>3.30</b>



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# AURANGABAD MUNICIPAL CORPORAT

(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 Venure)

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

### 11th R A BILL MEASURMENTS

#### ROAD WORK AT Bhanudas 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.						
		1	127.60	2.73	3.30	Cum	1150.952
							1150.952
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	127.60	2.73	3.30	Cum	1150.952
							1150.952
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	127.600	2.73		Sq. Mtr	348.773
							348.773

CONTRACTOR



Authorized Signatory



Project Engineer

PMC



Project Manager

CLIENT

*[Signature]*  
Sr. 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 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

1 of 1

Road Work at Arif Colony ,Qty

### 11th R A BILL MEASURMENTS

#### Measurements of Road Work at Arif Colony

Date:15/12/16

#### Concrete Road

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0.00	10.00	1.40	1.40	0.30
	10.00		1.40		
2	10.00	10.00	1.40	1.15	0.30
	20.00		0.90		
3	20.00	10.00	0.90	0.95	0.30
	30.00		1.00		
4	30.00	10.00	1.00	0.90	0.30
	40.00		0.80		
5	40.00	10.00	0.80	0.94	0.30
	50.00		1.08		
6	50.00	10.00	1.08	0.99	0.30
	60.00		0.90		
7	60.00	10.00	0.90	0.91	0.30
	70.00		0.93		
8	70.00	10.00	0.93	0.86	0.30
	80.00		0.80		
9	80.00	10.00	0.80	0.95	0.30
	90.00		1.10		
10	90.00	11.30	1.10	1.15	0.30
	101.30		1.20		
11	101.30	3.30	1.20	1.20	0.30
	104.60		1.20		
		<b>104.600</b>		<b>1.036</b>	<b>0.300</b>



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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

1 of 1

Road Work at Arif Colony, Meas. Sheet

**11th R A BILL MEASUREMENTS**

**ROAD WORK AT Arif 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	104.600	1.036	0.300	cum	32.521
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						
		1	104.600	1.036	0.100	cum	10.840
							10.840
3	Item No. 11 Disposal of excavated material including loading the excavated material						
		1	104.600	1.036	0.300	Cum	32.521
4	Extra item no.:-5. a) Providing Rubble soling in 15 to 20cm thk layer						
		1	104.600	1.036	0.200	cum	21.681



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# AURANGABAD MUNICIPAL CORPORATION

(From No.52)

## Measurement Book

Book No. :- 120  
Page No. :-

**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  
Auth

1 of 2

Road Restoration at Eknath Nagar, WBM Qty

### 11th R A BILL MEASUREMENTS

Date: 15/12/2016					
Measurements of Road Work at Eknath Nagar					
WBM Work					
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
1	0	15.0	2.60	2.65	0.30
	15		2.70		
2	15	15.0	2.70	2.85	0.30
	30		3.00		
3	30	15.0	3.00	3.00	0.30
	45		3.00		
4	45	15.0	3.00	2.80	0.30
	60		2.60		
5	60	15.0	2.60	2.65	0.30
	75		2.70		
6	75	15.0	2.70	2.70	0.30
	90		2.70		
7	90	15.0	2.70	2.75	0.30
	105		2.80		
8	105	15.0	2.80	2.80	0.30
	120		2.80		
9	120	15.0	2.80	2.80	0.30
	135		2.80		
10	135	15.0	2.80	2.80	0.30
	150		2.80		
11	150	20.0	2.80	2.80	0.30
	170		2.80		
12	170	15.0	2.80	2.65	0.25
	185		2.50		
13	185	15.0	2.50	2.50	0.25
	200		2.50		
14	200	15.0	2.50	2.50	0.25
	215		2.50		
15	215	15.0	2.50	2.50	0.25
	230		2.50		
16	230	15.0	2.50	2.50	0.25
	245		2.50		



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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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Page No. :- 121

**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

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Road Restoration at Eknath Nagar, WBM Qty

Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
17	245	15.0	2.50	2.50	0.25
	260		2.50		
18	260	15.0	2.50	2.50	0.25
	275		2.50		
19	275	15.0	2.50	2.50	0.25
	290		2.50		
20	290	15.0	2.50	2.50	0.25
	305		2.50		
21	305	15.0	2.50	2.50	0.25
	320		2.50		
22	320	5.0	2.50	2.50	0.25
	325		2.50		
23	325	25.0	2.50	2.50	0.25
	350		2.50		
		<b>350.000</b>		<b>2.641</b>	<b>0.274</b>







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

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Road Work at Sanjay Nagar (Smashan Bhumi to Baijipura Road), Qty

**11th R A BILL MEASUREMENTS**

Measurements of Road Work at Sanjay Nagar (Smashan Bhumi to Baijipura Road).					
					Date:15/12/2016
Sr. No.	Chainage	Length of Road	Width Of Excavation	Avg. Width by Part wise	Depth of Excavation
<b>Part-I (P.C.C. Work)</b>					
1	0.00	10.00	2.90	2.25	0.45
	10.00		1.60		
2	10.00	10.00	1.60	1.70	0.45
	20.00		1.80		
3	20.00	10.00	1.80	2.15	0.45
	30.00		2.50		
4	30.00	10.00	2.50	2.25	0.45
	40.00		2.00		
5	40.00	10.00	2.00	1.80	0.45
	50.00		1.60		
6	50.00	10.00	1.60	1.70	0.45
	60.00		1.80		
7	60.00	10.00	1.80	1.95	0.45
	70.00		2.10		
8	70.00	10.00	2.10	2.20	0.45
	80.00		2.30		
9	80.00	10.00	2.30	2.25	0.45
	90.00		2.20		
10	90.00	10.00	2.20	1.95	0.45
	100.00		1.70		
11	100.00	10.00	1.70	2.10	0.45
	110.00		2.50		
12	110.00	10.00	2.50	2.10	0.45
	120.00		1.70		
13	120.00	10.00	1.70	1.85	0.45
	130.00		2.00		
14	130.00	10.00	2.00	1.90	0.45
	140.00		1.80		
15	140.00	10.00	1.80	2.00	0.45
	150.00		2.20		
16	150.00	10.00	2.20	1.90	0.45
	160.00		1.60		
17	160.00	10.00	1.60	1.55	0.45
	170.00		1.50		



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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 Ah. 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

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2 of 3

Road Work at Sanjay Nagar (Smashan Bhumi to Baijipura Road), Qty

18	170.00	10.00	1.50	1.65	0.45
	180.00		1.80		
19	180.00	10.00	1.80	2.00	0.45
	190.00		2.20		
20	190.00	10.00	2.20	1.95	0.45
	200.00		1.70		
21	200.00	10.00	1.70	1.65	0.45
	210.00		1.60		
22	210.00	10.00	1.60	1.55	0.45
	220.00		1.50		
23	220.00	10.00	1.50	1.55	0.45
	230.00		1.60		
24	230.00	3.40	1.60	1.60	0.45
	233.40		1.60		
		<b>233.400</b>		<b>1.898</b>	<b>0.450</b>
<b>Part-II</b>					
1	233.40	10.00	2.20	2.30	0.35
	243.40		2.40		
2	243.40	10.00	2.40	2.45	0.35
	253.40		2.50		
3	253.40	10.00	2.50	2.05	0.35
	263.40		1.60		
4	263.40	10.00	1.60	1.95	0.35
	273.40		2.30		
5	273.40	10.00	2.30	2.10	0.35
	283.40		1.90		
6	283.40	10.00	1.90	1.80	0.35
	293.40		1.70		
7	293.40	10.00	1.70	1.70	0.35
	303.40		1.70		
8	303.40	10.00	1.70	1.85	0.35
	313.40		2.00		
9	313.40	10.00	2.00	2.10	0.35
	323.40		2.20		
10	323.40	10.00	2.20	2.00	0.35
	333.40		1.80		
11	333.40	10.00	1.80	1.75	0.35
	343.40		1.70		
12	343.40	10.00	1.70	1.70	0.35
	353.40		1.70		
13	353.40	10.00	1.70	1.65	0.35
	363.40		1.60		



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# AURANGABAD MUNICIPAL CORPORATION

(From No.52)

## Measurement Book

Book No. :-  
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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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Road Work at Sanjay Nagar (Smashan Bhumi to Baijipura Road),.Qty

14	363.40	10.00	1.60	1.90	0.35
	373.40		2.20		
15	373.40	10.00	2.20	2.30	0.35
	383.40		2.40		
16	383.40	10.00	2.40	2.00	0.35
	393.40		1.60		
17	393.40	10.00	1.60	1.75	0.35
	403.40		1.90		
18	403.40	10.00	1.90	2.35	0.35
	413.40		2.80		
		<b>180.000</b>		<b>1.983</b>	<b>0.350</b>



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# AURANGABAD MUNICIPAL CORPORAT

(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 at Sanjay Nagar (Smashan Bhumi to Baijipura Road),,Mea. Sheet

### 11th R A BILL MEASUREMENTS

#### ROAD WORK AT Sanjay Nagar (Smashan Bhumi to Baijipura Road).

Sr. No.	Descriptions of Items	Nos	L	B	D	Unit	Qty
	<b>Item No 1 :-</b> Excavation for foundation/pipe trenches in earth soils etc complete.						
	Part-I	1	233.400	1.898	0.400	cum	177.190
	Part-II	1	180.000	1.983	0.250	cum	89.250
						cum	266.440
	<b>Item No. 5:-</b> 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 dewatering ,form						
	Part-I	1	233.400	1.898	0.150	cum	66.446
						cum	66.446
	<b>Item No. 11</b> 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.						
	Part-I	1	233.400	1.898	0.400	cum	177.190
	Part-II	1	180.000	1.983	0.250	cum	89.250
						cum	266.440
	<b>Extra Item :5(a) -</b> Providing Rubble solling in 15 to 20cm thick layer etc complete.						
	Part-I	1	233.400	1.898	0.250	cum	110.743
	Part-II	1	180.000	1.983	0.200	cum	71.400
						cum	182.143
	<b>Extra item no.:-5. d)</b> Providing & filling Contractors murum of 15 to 20cm layer.						
	Part-II	1	180.000	1.983	0.050	cum	17.850
						cum	17.850

CONTRACTOR

PMC

CLIENT



Authorized Signatory



Project Engineer



Project Manager

Engineer

Dy. Engineer

Ex. Engineer