



# 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/PI 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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Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Quantity executed in RA Bill 13		Totals
						Quantity executed upto date	Percentage work done upto date	
	<b>External Plaster</b>							
	External Wall From C1-2-3-4	1	15.92		6.25			99.50
	External Wall From C5-6-7-8	1	15.92		6.25			99.50
	External Wall From C1-5	1	4.96		6.25			31.00
	External Wall From C4-8	1	4.96		6.25			31.00
	Deduction For Window	-6	1.80		1.50			-16.20
	Deduction For Ventilator	-8	1.80		0.60			-8.64
	Deduction For Door	-1	0.90		2.40			-2.16
	Deduction for RSV	-2	2.20		3.00			-13.20
	<b>Quantity executed upto RA Bill 12</b>					0.00		431.59
	<b>Total Quantity</b>					431.59		431.59
								100.00%
	<b>Water supply, sanitation, plumbing etc Complete with Fixtures.</b>							
	<b>Particulars of work</b>	<b>No.</b>	<b>L (m)</b>	<b>B (m)</b>	<b>H (m)</b>			<b>Totals</b>
	Water supply, sanitation, plumbing etc is not concern this building so requested to release this quantity							100.00%
	<b>Quantity executed upto RA Bill 12</b>					0.00		100.00%
	<b>Total Quantity</b>					100.00%		100.00%
								100.00%
	<b>Internal and External Painting</b>							
	<b>Particulars of work</b>	<b>No.</b>	<b>L (m)</b>	<b>B (m)</b>	<b>H (m)</b>			<b>Totals (m2)</b>
	<b>Internal Painting</b>							
	Internal Wall From C1-2-3-4	1	15.22		4.81			73.21
	Internal Wall From C5-6-7-8	1	15.22		4.81			73.21
	Internal Wall From C1-5	1	4.21		4.81			20.25
	Internal Wall From C4-8	1	4.21		4.81			20.25
	Internal Ceiling From C1-2-3-4-5-6-7-8	1	15.22		4.21			64.08
	Deduction For Window	-6	1.80		1.50			-16.20
	Deduction For Ventilator	-8	1.80		0.60			-8.64
	Deduction For Door	-1	0.90		2.40			-2.16
	Deduction for RSV	-2	2.20		3.00			-13.20
	<b>External Painting</b>							
	External Wall From C1-2-3-4	1	15.92		6.25			99.50
	External Wall from C5-6-7-8	1	15.92		6.25			99.50
	External Wall From C1-5	1	4.96		6.25			31.00
	External Wall From C4-8	1	4.96		6.25			31.00
	Deduction For Window	-6	1.80		1.50			-16.20

  
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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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Padegaon 10M/LD.

Date of Measurement	Particulars of work	DC No	Dated	Supplied By	Make	Quantity	Remark
	Deduction For Ventilator	-8	1.80	0.60		-8.64	
	Deduction For Door	-1	0.90	2.40		-2.16	
	Deduction for RSY	-2	2.20	3.00		-13.20	
	Quantity executed upto RA Bill 12	0.00	Quantity executed in RA Bill 13			215.80	
	Total Quantity	431.59	Quantity executed upto date			215.80	
			Percentage work done upto date			50.00%	
<b>B</b>	<b>Mechanical Work @ 36%</b>						
<b>2</b>	<b>Detritus Mechanisms @ 1.5%</b>						
<b>a</b>	<b>Detritus Mechanisms @ 75%</b>						
<b>2.1</b>	<b>On Supply of Material on site duly tested and inspected @ 75%</b>						
Date of Measurement	Particulars of work	DC No	Dated	Supplied By	Make	Quantity	Remark
	Detritor Mechanism (6.0 M sq. x 0.9 M SWD x 0.5 M FE)	099	31.03.2017	Shivpad Engineers Pvt. Ltd.	Batilboi	1	SGS : Report Attached
	Quantity executed upto RA Bill 10	0.00	Quantity executed in RA Bill 11			1.00	
	Total Quantity	1.00	Quantity executed upto date			1.00	
			Percentage work done upto date			100.00%	
<b>2.2</b>	<b>On Erection / Installation Complete @ 15%</b>						
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals	Remark
	Detritor Mechanism (6.0 M sq. x 0.9 M SWD x 0.5 M FE)					1	
	Quantity executed upto RA Bill 12	0.00	Quantity executed in RA Bill 13			1.00	
	Total Quantity	1.00	Quantity executed upto date			1.00	
			Percentage work done upto date			100.00%	
<b>8</b>	<b>Centrifuge Seed Pumps &amp; Centrifuges, Sludge Thickener @ 2%</b>						
<b>c</b>	<b>Sludge Thickener @ 1%</b>						
<b>1.1</b>	<b>On Supply of Material on site duly tested and inspected @ 75%</b>						
Date of Measurement	Particulars of work	DC No	Dated	Supplied By	Make	Quantity	Remark



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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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Thickener Mechanism (7.0 M dia x 3.0 M SWD + 0.5 M FB)		099	31.03.2017	Shivpad Engineers Pvt. Ltd.	Battilbol	1	SGS : Report Attached
Quantity executed upto RA Bill 10	0.00	Quantity executed in RA Bill 11		1.00			
Total Quantity	1.00	Quantity executed upto date		1.00			
		Percentage work done upto date		100.00%			
<b>1.2 On Erection / Installation Complete @ 15%</b>							
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals	
	Thickener Mechanism (7.0 M dia x 3.0 M SWD + 0.5 M FB)					1	
Quantity executed upto RA Bill 12	0.00%	Quantity executed in RA Bill 13		50.00%			
Total Quantity	100.00%	Lot	Quantity executed upto date		50.00%		
		Percentage work done upto date		50.00%			
<b>9 Interconnecting Air Piping</b>							
<b>9.1 On Supply of Material on site duly tested and inspected @ 75%</b>							
Date of Measurement	Sr.	Pipe Description	Spec/Grade	Nos	Length (mtr)	Delivery Detail	Cummulative Qty (mtr)
	1	Size 500NB X S10 X6 mm	SS Pipe 304Q ERW	1	6.120	D.C. No 1110 Dated 14.02.2017	6.120
	2	Size 200NB X S10 X3.5 mm	SS Pipe 304Q ERW	3	18.190	D.C. No 1110 Dated 14.02.2017	24.310
	3	Size 150NB X S10 X3.1 mm	SS Pipe 304Q ERW	1	5.300	D.C. No 1110 Dated 14.02.2017	29.610
	4	Size 50NB X S10 X2.5 mm	SS Pipe 304Q ERW	25	152.750	D.C. No 1110 Dated 14.02.2017	182.360
	5	Size 50NB X 4 mm	M.S. Pipe ERW	1	6.120	D.C. No 1109 Dated 14.02.2017	188.480
	6	Size 350NB X 6 mm	M.S. Pipe ERW	18	110.160	D.C. No 1109 Dated 14.02.2017	298.640
Quantity executed upto RA Bill 11	0.00	Quantity executed in RA Bill 12		298.64			
Total Quantity	298.64	RMT	Quantity executed upto date		298.64		
		Percentage work done upto date		100.00%			

Note :- 100% Quantity Executed upto RA 12th so hold quantity to be release in this RA

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 Khilari Infrastructure Pvt. Ltd. \*  
 For Infrastructural Advisory Services  
 M/s Khilari Infrastructure Pvt. Ltd. & GECPL  
 Joint Venture  
 30/03/2017  
 Mr. J. S. Patil  
 Mr. J. S. Patil  
 Mr. J. S. Patil



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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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9.2 On Erection/Installation Complete @ 15%						
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals
	Size 50NB X 4 mm	M.S. Pipe ERW			1	6.120
	Size 350NB X 6 mm	M.S. Pipe ERW			18	110.160
Quantity executed upto RA Bill 11		0.00	Quantity executed in RA Bill 12			116.28
Total Quantity		298.64	Quantity executed upto date			116.28
			Percentage work done upto date			38.94%
						RMT



  
 T. Anil  
 Assoc

  
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 P. E. M.



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Page No. :-

**PART A - ABSTRACT OF COST**

**Name of Work :-** Development of Underground Sewerage Collection system for Zone I to VI & Zone Salim Ali, Construction of sewage Treatment Plants, Construction of sewage pumping stations, Providing Rising Main GRP/DI pipe lines for Aurangabad City under UIDSSMT.

Date of Commencement - 01-07-2014

Stipulated Date of Completion - 01-07-2017

A & F Sanction No. & Date :

Technical Sanction No. & Date :


Serial No. of this Bill -13 R.A. Bill Dt:30.04.2017


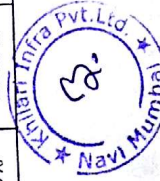
Name of Contractor - M/s. Khilari Infrastructure Pvt Ltd.

Contract No. & Date - /AMC/WARD(B&C)/UIDSSMT/2014/184 Dt. 01.07.2014

**10 MLD STP at Padegaon**

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Rate		Payment on the basis of actual measurements ( Amount)		
							Full Rate	Part rate	Upto date Amount	Amount upto last bill	Since Previous
1	2	3	4	4	PART-A for STP (Turnkey Work)	6	8	9	10	11	12
					Name of Work: - Designing, Constructing, Erecting and Commissioning of Sewage Treatment Plant based on						
					<b>Item No. 1 :</b> - Designing (aesthetically), providing, constructing and giving satisfactory trials of modernised Sewage Treatment Plant consisting of receiving chamber, screen chamber, grit chamber, measuring flume, distribution chamber with primary and secondary treatment, etccas detailed below,						
					<b>Cyclic Activated Sludge Process</b>						
					<b>Moving Media Bio Reactor (MMBR) / FAB (Fluidised</b>						
					Supplying & erecting approved make of oil immersed and naturally cooled indoor /outdoor type , copper wound transformer with delta conn. on HV side & star conn. on LV side with additional neutral brought out in load side , voltage rating 11/0.433 vV with tapping of +/- 2.5 % - 5 % , continuously rated for full load with standered						
				e	STP at Padegaon 10 MLD.		85288253				
				1	PRELIMINARY WORK @ 9.0 %		7675942.77				
4.00%	4.000%	4.000%	0.000%	1	Submission of process design.		3411530		3411530	3411530	0
2.00%	2.000%	2.000%	0.000%	2	Approval of process design (engineer \$ appol.)		1705765		1705765	1705765	0
2.50%	2.000%	2.000%	0.000%	3	Submission of RCC, Mechanical, electrical & instrumentation design		2132206		1705765	1705765	0

  
 Rampurehji  
 MRC



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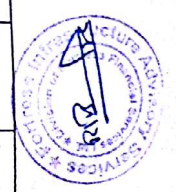
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Padegaon Abad RA 13

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	2	3	4	4	5	6	7	8	9	10	11	12
0.50%	0.400%	0.400%	0.000%	4	Approval of RCC, Mechanical, electrical & instrumentation design			426441		341153	341153	0
9.00%	8.400%	8.400%	0.000%		<b>Total</b>			7675943		7164213	7164213	0
				II	<b>CONSTRUCTION WORK PAYMENT SCHEDULE</b>							
7.50%	7.500%	7.500%	0.000%	1	Civil Works - Total 35%			29850889				
10.00%	10.000%	10.000%	0.000%	1	Water Retaining Structure							
30.00%	30.000%	30.000%	0.000%	1.1	Inlet chamber, fine Screen Chamber @ 0.5%							
20.00%	20.000%	20.000%	0.000%	a	Excavation and dressing Complete			426441		31983	31983	0
20.00%	20.000%	20.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			42644		42644	42644	0
5.00%	3.000%	3.000%	0.000%	c	RCC Raft			127932		127932	127932	0
100.00%	90.500%	90.500%	0.000%	d	Walls Half Height Complete			85288		85288	85288	0
7.50%	7.500%	7.500%	0.000%	e	Walls Full Height Complete			85288		85288	85288	0
10.00%	10.000%	10.000%	0.000%	f	Platforms / Walkway and Railling Complete			21322		12793	12793	0
30.00%	30.000%	30.000%	0.000%	<b>Total</b>				426441		385928	385928	0
20.00%	20.000%	20.000%	0.000%	1.2	Degriting Units @ 0.5%			426441				
7.50%	7.500%	7.500%	0.000%	a	Excavation and dressing Complete			31983		31983	31983	0
10.00%	10.000%	10.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			42644		42644	42644	0
30.00%	30.000%	30.000%	0.000%	c	RCC Raft			127932		127932	127932	0
20.00%	20.000%	20.000%	0.000%	d	Walls Half Height Complete			85288		85288	85288	0
20.00%	20.000%	20.000%	0.000%	e	Walls Full Height Complete			85288		85288	85288	0
5.00%	3.000%	3.000%	0.000%	f	Platforms / Walkway and Railling Complete			21322		12793	12793	0
100.00%	90.500%	90.500%	0.000%	<b>Total</b>				426441		385928	385928	0
7.50%	7.500%	7.500%	0.000%	1.3	SBR Basin 14.5%			12366797				
10.00%	10.000%	10.000%	0.000%	a	Excavation and dressing Complete			927510		927510	927510	0
10.00%	10.000%	10.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			1236680		1236680	1236680	0

*Rampre Anil*  
*Area*





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Padegaon, Abad RA 13

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	2	3	4	4	5	6	7	8	9	10	11	12
30.00%	30.000%	30.000%	0.000%	c	RCC Raft			3710039		3710039	3710039	0
20.00%	20.000%	20.000%	0.000%	d	Walls Half Height Complete			2473359		2473359	2473359	0
20.00%	20.000%	20.000%	0.000%	e	Walls Full Height Complete			2473359		2473359	2473359	0
5.00%	4.000%	4.000%	0.000%	f	Platforms / Walkway and Railing Complete			618340		494672	494672	0
<b>100.00%</b>	<b>91.500%</b>	<b>91.500%</b>	<b>0.000%</b>		<b>Total</b>			<b>12366797</b>		<b>11315619</b>	<b>11315619</b>	<b>0</b>
7.50%	7.500%	7.500%	0.000%	1.4	Chlorine Contact Tank 1%			852883				
10.00%	10.000%	10.000%	0.000%	a	Excavation and dressing Complete			63966		63966	63966	0
30.00%	30.000%	30.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			85288		85288	85288	0
20.00%	20.000%	20.000%	0.000%	c	RCC Raft			255865		255865	255865	0
20.00%	19.000%	19.000%	0.000%	d	Walls Half Height Complete			170577		170577	170577	0
5.00%	5.000%	5.000%	0.000%	e	Walls Full Height Complete			162048		162048	162048	0
<b>100.00%</b>	<b>91.500%</b>	<b>91.500%</b>	<b>0.000%</b>	f	Platforms / Walkway and Railing Complete			42644		42644	42644	0
					<b>Total</b>			<b>852883</b>		<b>780388</b>	<b>780388</b>	<b>0</b>
7.50%	7.500%	7.500%	0.000%	1.5	Gravity Sludge Thickner and Thickned Sludge Sump @ 0.75%			639662				
10%	10.000%	10.000%	0.000%	a	Excavation and dressing Complete			47975		47975	47975	0
30%	30.000%	30.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			63966		63966	63966	0
20.00%	20.000%	20.000%	0.000%	c	RCC Raft			191899		191899	191899	0
20.00%	20.000%	20.000%	0.000%	d	Walls Half Height Complete			127932		127932	127932	0
20.00%	20.000%	20.000%	0.000%	e	Walls Full Height Complete			127932		127932	127932	0
5.00%	0.000%	0.000%	0.000%	f	Platforms / Walkway and Railing Complete			31983		0	0	127932
<b>100.00%</b>	<b>87.500%</b>	<b>67.500%</b>	<b>20.000%</b>		<b>Total</b>			<b>639662</b>		<b>559704</b>	<b>431772</b>	<b>127932</b>
				1.7	Hydraulic Test of Water Retaining Structure @ 4%			3411530				
100.00%	50.000%	0.000%	50.000%	a	Hydraulic Test of Water Retaining Structure			3411530		1705765	0	1705765
<b>100.00%</b>	<b>50.000%</b>	<b>0.000%</b>	<b>50.000%</b>		<b>Total</b>			<b>3411530</b>		<b>1705765</b>	<b>0</b>	<b>1705765</b>
				2	Buildings Structure Work @ 13.50%							
					Administration Building @ 3% & Blower and MCC House @ 3.5% Total is 6.5%							
				2.1				5543736				

  
 Tampus Anil  
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(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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Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	2	3	4	4	5	6	7	8	9	10	11	12
5.00%	5.000%	5.000%	0.000%	a	Excavation and dressing Complete			277187		277187	277187	0
7.00%	7.000%	7.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			388062		388062	388062	0
20.00%	20.000%	20.000%	0.000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			1108747		1108747	1108747	0
15.00%	15.000%	15.000%	0.000%	d	RCC Super Structure upto Lintel Level			831560		831560	831560	0
15.00%	15.000%	15.000%	0.000%	e	RCC Super Structure from Lintel Level to roof slab Complete			831560		831560	831560	0
10.00%	10.000%	9.000%	1.000%	f	Brick work Complete			554374		554374	498936	55438
8.00%	8.000%	0.000%	8.000%	g	Inside outside Plaster Complete			443499		443499	0	443499
5.00%	0.000%	0.000%	0.000%	h	Doors, Windows, Ventilator and Flooring Complete			277187				
5.00%	0.000%	0.000%	0.000%	i	Water supply, sanitation, plumbing etc Complete with			277187				
5.00%	0.000%	0.000%	0.000%	j	Internal and External Painting and finishing Complete			277187				
5.00%	0.000%	0.000%	0.000%	K	Balance Misc. Civil work Complete			277187				
100.00%	80.000%	71.000%	9.000%		<b>Total</b>			5543736	0	4434989	3936052	498937
				2.2	<b>Chlorination Building @ 1.5%</b>			5543736				
5.00%	5.000%	5.000%	0.000%	a	Excavation and dressing Complete			277187		277187	277187	0
7.00%	7.000%	7.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			388062		388062	388062	0
20.00%	20.000%	20.000%	0.000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			1108747		1108747	1108747	0
15.00%	15.000%	15.000%	0.000%	d	RCC Super Structure upto Lintel Level			831560		831560	831560	0
15.00%	15.000%	15.000%	0.000%	e	RCC Super Structure from Lintel Level to roof slab Complete			831560		831560	831560	0
10.00%	10.000%	10.000%	0.000%	f	Brick work Complete			554374		554374	554374	0
8.00%	8.000%	8.000%	0.000%	g	Inside outside Plaster Complete			443499		443499	443499	0
5.00%	4.000%	4.000%	0.000%	i	Water supply, sanitation, plumbing etc Complete with Fixtures.			277187		221749	221749	0
100.00%	84.000%	84.000%	0.000%		<b>Total</b>			5543736	0	4656738	4656738	0
				2.3	<b>Centrifuge feed pump house and Centrifuge Building @ 1.5%</b>			1279324				
5.00%	5.000%	5.000%	0.000%	a	Excavation and dressing Complete			63966		63966	63966	0
7.00%	7.000%	7.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			89553		89553	89553	0
20.00%	20.000%	20.000%	0.000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			255865		255865	255865	0
15.00%	15.000%	15.000%	0.000%	d	RCC Super Structure upto Lintel Level			191899		191899	191899	0

*Signature*  
Rampure Anil







# 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

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Padegaon Abad RA 13

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	15.00%	2	4	4	5	6	7	8	9	10	11	12
15.00%	15.00%	15.00%	0.00%	c	RCC Super Structure from Liglet Level to roof slab Complete			191899		191899	191899	0
10.00%	10.00%	0.00%	10.00%	f	Brick work Complete			127932		127932	0	127932
8.00%	4.00%	0.00%	4.00%	g	Inside outside Plaster Complete			102346		51173	0	51173
5.00%	5.00%	0.00%	5.00%	h	Doors, Windows, Ventilator and Flooring Complete			63966		63966	0	63966
5.00%	5.00%	0.00%	5.00%	i	Water supply, sanitation, plumbing etc Complete with Fixtures.			63966		63966	0	63966
5.00%	2.25%	0.00%	2.25%	j	Internal and External Painting and finishing Complete			63966		28785	0	28785
5.00%	0.00%	0.00%	0.00%	k	Balance Misc. Civil work Complete			63966			0	
100.00%	88.250%	62.000%	26.250%		<b>Total</b>					1129004	793182	335822
5.00%	5.00%	5.00%	0.00%	2.5	H.T. Substation Civil work @ 1%			852883				
7.00%	7.00%	7.00%	0.00%	a	Excavation and dressing Complete			42644		42644	42644	0
20.00%	20.00%	20.00%	0.00%	b	PCC M15 for Bed Concrete / Levelling Course Complete			59702		59702	59702	0
15.00%	15.00%	0.00%	15.00%	c	RCC Raft / Footing, Piling and Column upto Plinth Level Complete			170577		170577	170577	0
15.00%	15.00%	0.00%	15.00%	d	RCC Super Structure upto Lintel Level Complete			127932		127932	0	127932
15.00%	15.00%	0.00%	15.00%	e	RCC Super Structure from Lintel Level to roof slab Complete			127932		127932	0	127932
10.00%	8.00%	0	8.00%	f	Brick work Complete			85288		85288	0	85288
8.00%	8.00%	0	8.00%	g	Inside outside Plaster Complete			68231		68231	0	68231
5.00%	2.00%	0	2.00%	h	Doors, Windows, Ventilator and Flooring Complete			42644		42644	0	42644
5.00%	5.00%	0	5.00%	i	Water supply, sanitation, plumbing etc Complete with			42644		42644	0	42644
5.00%	1.25%	0	1.25%	j	Internal and External Painting and finishing Complete			42644		10661	0	10661
100.00%	86.250%	32.000%	54.250%		<b>Total</b>					735612	272923	462609
				B	<b>A-Total For Civil Work</b>				0	33253888	30122743	3131145
					<b>Mechanical Works - Total 36%</b>							
				2	<b>Detritus Mechanisms @ 1.5%</b>							
75.00%	75.00%	0.00%	75.00%	2.1	On Supply of Material on site duly tested and inspected			959493		959493	0	959493

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Aurangabad Municipal Corporation

Navli Municipal Corporation



Measurement Book

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Padegaon Abad RA 13

Table with columns: Quantity as per BOQ, Upto date quantity, Quantity upto last bill, Quantity Since Previous, Item No., Description of Item, MB page No., Unit, Rate (Full Rate, Part rate), Payment on the basis of actual measurements (Amount) (Upto date Amount, Amount upto last bill, Since Previous), and various percentages.

Handwritten signatures and initials in blue ink.





# 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

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Padegaon Abad RA 13

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	75.00%	75.00%	0.00%	4	On Supply of Material on site duly tested and inspected @ 75%	6	7	8315605		8315605	6236704	2078901
15.00%	3.89%	0.00%	3.89%	9.1	On Errection / Installation Complete @ 15%			1663121		64762	0	64762
100.00%	78.89%	75.00%	3.89%	9.2	Total			11087473	0	8380367	6236704	2143663
					B-Total for Mechanical Work					19165067	15166384	3998683
					Total For Padegaon STP (A+B)					52418955	45289127	7129828

Project Manager  
PMC

Assistant Manager  
APMC

Authorized Signatory  
Contractor

Sr. Engineer  
AMC

Dy. Engineer  
AMC

Executive Engineer  
AMC

Total up to Date	10
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