



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 Venture)

Authority No. AMCW/WR&R&C/HDSSMT/2014/181 Date 01.07.2014

RA 11 Padegaon to Ansar Colony-Murgan 400mm Dia

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Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			15.000	1.200	0.200	3.600		42.372	45.972
	Item No. : 11 Transportation of earth Transportation charges							7.162		84.296	91.458
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			15.375			15.375		179.175	194.550
	Item No 30 :- Refilling the excavated trenches ...							42.717			
	Total Excavation= A										
	Deduction										
	pipe area	1		0.785	15.000	0.550	0.550	3.562			
	Murum bedding							3.600			
	Total = B							7.162			
					Net Qty = A - B			35.555		421.977	457.532
	PAC 4										
05/10/2016	CH198.65	551.535	549.695	549.495			2.040	2.138			
	CH224.25	551.765	549.730	549.530			2.235				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			24.150	1.600	0.400	15.456		118.050	133.506
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			24.150	1.600	0.300	11.592		268.222	279.814
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			24.150	1.600	0.350	13.524		54.568	68.092
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			24.150	1.600	0.150	5.796		2.320	8.116
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(a) For Lift 0m to 1.5m	1			24.150	1.600	0.300	11.592		6.960	18.552
	(b) For Lift 1.5m to 3.0m	1			24.150	1.200	0.638	18.489		17.403	35.892
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			24.650	1.200	0.200	5.916		45.972	51.888
	Item No. : 11 Transportation of earth Transportation charges							11.769		91.458	103.227
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			25.025			25.025		194.550	219.575
	Item No 30 :- Refilling the excavated trenches ...							76.449			
	Total Excavation= A										
	Deduction										
	pipe area	1		0.785	24.650	0.550	0.550	5.853			
	Murum bedding							5.916			
	Total = B							11.769			
					Net Qty = A - B			64.680		457.532	522.211



Spandip



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RA 1 Padegaon to Ansar Colony-Murgan 400mm Dia

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Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		GL	IL	EX.L	L	B	D		Page	Quantity	
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			21.550	1.200	0.540	13.964		53.892	67.857
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			22.050	1.200	0.200	5.292		57.888	63.180
	Item No. : 11 Transportation of earth Transportation charges							10.528		115.164	125.692
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			22.425			22.425		244.575	267.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							68.270			
	Deduction										
	pipe area	1		0.785	22.050	0.550	0.550	5.236			
	Murum bedding							5.292			
	Total = B							10.528			
					Net Qty = A - B			57.742		591.275	649.017
	PAC 5										
14/10/2016	CH272.25	551.835	549.941	549.741			2.094	2.598			
	CH310.40	553.052	550.150	549.950			3.102				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			36.700	1.600	0.400	23.488		157.574	181.062
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			36.700	1.600	0.400	23.488		321.054	344.542
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			36.700	1.600	0.100	5.872		88.712	94.584
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			36.700	1.600	0.400	23.488		33.908	57.396
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(a) For Lift 0m to 1.5m	1			36.700	1.600	0.200	11.744		18.552	30.296
	(b) For Lift 1.5m to 3.0m	1			36.700	1.200	1.098	48.356		67.857	116.213
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			37.200	1.200	0.200	8.928		63.180	72.108
	Item No. : 11 Transportation of earth Transportation charges							17.762		125.692	143.454
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			37.575			37.575		267.000	304.575
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							136.436			
	Deduction										
	pipe area	1		0.785	37.200	0.550	0.550	8.834			
	Murum bedding							8.928			
	Total = B							17.762			
					Net Qty = A - B			118.674		649.017	767.691
27/10/2016	CH310.40	553.052	550.150	549.950			3.102	3.020			
	CH347.90	553.100	550.362	550.162			2.938				



Spencer



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

RA 12 Padegaon to Anssar Colony-Murgan 400mm Dia

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Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		GL	IL	EX.L	L	B	D		Page	Quantity	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			14.200	2.000	0.200	5.680		87.396	93.076
	(b) For Lift 1.5m to 3.0m	1			14.200	1.600	0.300	6.816		19.714	26.530
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			14.200	1.600	1.200	27.264		206.213	233.477
	(c) For Lift 3.0m to 4.5m	1			14.200	1.200	0.049	0.835		0.900	1.735
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			14.700	1.200	0.200	3.528		81.108	84.636
	Item No. : 11 Transportation of earth Transportation charges							7.019		161.358	168.377
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			15.075			15.075		342.075	357.150
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							77.515			
	Deduction										
	pipe area	1		0.785	14.700	0.550	0.550	3.491			
	Murum bedding							3.528			
	Total = B							7.019			
								Net Qty = A - B			
								70.496		953.187	1023.683
	PAC 6										
14/11/2016	CH363.55	553.355	550.475	550.275			3.080	2.680			
	CH394.85	552.725	550.645	550.445			2.280				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			28.400	1.600	0.350	15.904		220.092	235.996
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.400	1.600	0.350	15.904		414.592	430.496
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.400	1.600	0.200	9.088		104.924	114.012
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m,	1			28.400	1.600	0.200	9.088		93.076	102.164
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(a) For Lift 0m to 1.5m	1			28.400	1.600	0.400	18.176		30.296	48.472
	(b) For Lift 1.5m to 3.0m	1			28.400	1.200	1.180	40.214		233.477	273.691
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			29.400	1.200	0.200	7.056		84.636	91.692
	Item No. : 11 Transportation of earth Transportation charges							14.037		168.377	182.415
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			30.150			30.150		357.150	387.300



Paula



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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

RA 11 Padegaon to Ansar Colony-Murgan 400mm Dia

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Date	Particulars of work	DETAILS-						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			10.550	1.200	0.632	8.001		26.530	34.537
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.050	1.200	0.200	2.652		125.496	128.148
	Item No. : 11 Transportation of earth Transportation charges							5.276		249.665	254.941
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			11.425			11.425		529.275	540.700
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							35.853			
	Deduction										
	pipe area	1		0.785	11.050	0.550	0.550	2.624			
	Murum bedding							2.652			
	Total = B							5.276			
								30.577		1540.374	1570.951
	PAC 9										
01/12/2016	CH550.55	554.235	552.425	552.225			2.010	2.015			
	CH558.80	554.300	552.480	552.280			2.020				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.	8.250									
	(a) For Lift 0 to 1.5m	1			6.800	1.600	0.300	3.264		340.088	343.352
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.800	1.600	0.600	6.528		458.264	464.792
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.800	1.600	0.600	6.528		177.344	183.872
	(b) For Lift 1.5m to 3.0m	1			6.800	1.200	0.200	1.632		49.724	51.356
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			6.800	1.200	0.315	2.570		34.531	37.101
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.300	1.200	0.200	1.752		128.148	129.900



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

Project No. AMCA/ward B & C/HDSSMT/2014/184 Date 01.07.2014

RA 1 Padegaon to Ansar Colony-Murgan 400mm Dia

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Date	Particulars of work	DETAILS					Content of area	Last measurement		TOTAL TO DATE		
		No			L	B		D	Page		Quantity	
		GL	IL	EX.L								
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.											
	(a) For Lift 0 to 1.5m	1			25.000	1.600	0.100	4.000		471.792	475.792	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			25.000	1.600	0.300	12.000		169.364	181.364	
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.											
	(a) For Lift 0m to 1.5m	1			25.000	1.600	0.900	36.000		172.440	208.440	
	(b) For Lift 1.5m to 3.0m	1			25.000	1.200	1.030	30.900		443.556	474.456	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			25.000	1.200	0.200	6.000		134.100	140.100	
	Item No. 11 Transportation of earth Transportation charges							11.937		266.782	278.719	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			25.000			25.000		565.875	590.875	
	Item No 30 :- Refilling the excavated trenches ...											
	Total Excavation = A							90.900				
	Deduction											
	pipe area	1		0.785	25.000	0.550	0.550	5.937				
	Murum bedding							6.000				
	Total = B							11.937				
								Net Qty = A - B		78.963	1636.332	1715.296
12/12/2016	CH601.30	555.200	552.720	552.520			2.680	2.463				
	CH631.45	554.950	552.905	552.705			2.245					
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.											
	(a) For Lift 0 to 1.5m	1			28.700	1.600	0.000	0.000		359.752	359.752	
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.											
	(a) For Lift 0 to 1.5m	1			28.700	1.600	0.150	6.888		475.792	482.680	
	(b) For Lift 1.5m to 3.0m	1			28.700	1.200	0.000	0.000		20.146	20.146	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.											
	(a) For Lift 0 to 1.5m	1			28.700	1.600	0.000	0.000		183.872	183.872	
	(b) For Lift 1.5m to 3.0m	1			28.700	1.200	0.000	0.000		51.356	51.356	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			28.700	1.600	0.200	9.184		181.364	190.548	
	(b) For Lift 1.5m to 3.0m	1			28.700	1.200	0.000	0.000		37.101	37.101	
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete											
	(a) For Lift 0m to 1.5m	1			28.700	1.600	1.150	52.808		208.440	261.248	
	(b) For Lift 1.5m to 3.0m	1			28.700	1.200	0.963	33.166		474.456	507.621	
	(c) For Lift 3.0m to 4.5m	1			28.700	1.200	0.000	0.000		1.735	1.735	



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Measurement Book

Book No. :- **98**

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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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	Contents of Arrears	Page No.	Quantity	

RA 12 Padegaon to Anssar Colony-Murgan 400mm Dia

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Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			29.200	1.200	0.200	7.008		140.100	147.108
	Item No. : 11 Transportation of earth Transportation charges							13.942		278.719	292.661
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			29.575			29.575		590.875	620.450
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							102.046			
	Deduction										
	pipe area	1		0.785	29.200	0.550	0.550	6.934			
	Murum bedding							7.008			
	Total = B							13.942			
					Net Qty = A - B			88.104		1715.296	1803.400



D. K. Pardeshi
Sectional Engineer



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

1

RA 12 Padegaon to Anssar Colony-Murgan RCC 1.5m MH

12th RA BILL MEASUREMENTS Sewer at Padegaon to Anssar Colony

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Excavation of Chamber - For RCC 1.50m dia Manhole - 1.50+0.2+0.2+0.5+0.5=2.90m										
	Breadth for Manhole=2.90*2.90=8.41m										
	400mm Dia										
	PAC 1										
	CH39.25	550.840	549.125	548.775			2.065				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.350	2.311	0.000	2.311	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.400	2.641	0.000	2.641	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.750	4.951	0.000	4.951	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.565	3.730	0.000	3.730	
	Item No. : 11 Transportation of earth Transportation charges							6.389	0.000	6.389	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							13.633			
	Deduction										
	Wall	1		0.785	1.900	1.900	1.715	4.860			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								6.389			
								7.244	0.000	7.244	
	PAC 2										
	CH95.65	551.040	549.340	548.990			2.050				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.400	2.641	2.311	4.951	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.100	7.262	2.641	9.903	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.200	1.320	0.000	1.320	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.350	2.311	3.730	6.041	
	Item No. : 11 Transportation of earth Transportation charges							6.346	6.389	12.735	



Padar
B. K. Pardeshi
Sectional 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.

Book No. :- **100**

Page No. :-

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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RA 12 Padegaon to Anssar Colony-Murgan RCC 1.5m MH

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						13.534				
	Deduction										
	Wall	1		0.785	1900	1900	1.700	4.818			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
							6.346				
							7.187		7.244	14.431	
	PAC 3										
	CH164.25	551.715	549.625	549.275			2.440				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.450	2.971	4.951	7.922	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.650	4.291	9.903	14.194	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.400	2.641	4.951	7.592	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.940	6.206	0.000	6.206	
	Item No. : 11 Transportation of earth Transportation charges							7.452	12.735	20.187	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						16.109				
	Deduction										
	Wall	1		0.785	1.900	1.900	2.090	5.923			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
							7.452				
							8.657		14.431	23.088	
	PAC 4										
	CH198.65	551.535	549.675	549.325			2.210				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.450	2.971	7.922	10.893	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.450	2.971	14.194	17.165	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.200	1.320	7.592	8.912	



Stamps



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- **101**
Page No. :-

3

RA 12 Padegaon to Anssar Colony-Murgan RCC 1.5m MH

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.100	0.660		0.000	0.660
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.300	1.981		0.000	1.981
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.710	4.687		0.000	4.687
	Item No. : 11 Transportation of earth Transportation charges							6.800		20.187	26.986
	Item No. 30 :- Refilling the										
	Total Excavation=							14.590			
	Deduction										
	Wall	1			0.785	1.900	1.900	1.860		5.271	
	Raft	1			0.785	2.300	2.300	0.250		1.038	
	PCC	1			0.785	2.500	2.500	0.100		0.491	
								6.800			
	Net Qty = A - B							7.790		23.088	30.879
	PAC 5										
	CH272.25	551.835	549.920	549.570				2.265			
	Item No. 3 :- Excavation for foundation/pipe trenches in slush										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.350	2.311		10.893	13.204
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.500	3.301		17.165	20.466
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.000	0.000		1.320	1.320
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.250	1.650		8.912	10.563
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.000	0.000		6.041	6.041
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.400	2.641		0.660	3.301
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.100	0.660		6.206	6.866
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.000	0.000		1.981	1.981
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.665	4.390		4.687	9.078
	Item No. : 11 Transportation of earth Transportation charges							6.956		26.986	33.942
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							14.953			
	Deduction										
	Wall	1			0.785	1.900	1.900	1.915		5.427	
	Raft	1			0.785	2.300	2.300	0.250		1.038	
	PCC	1			0.785	2.500	2.500	0.100		0.491	
								6.956			
	Net Qty = A - B							7.998		30.879	38.876



B. K. Pardeshi
Sectional 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	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	Contains of Arrears	Page No.	Quantity	

1

RA 11 Padegaon to Anssar Colony-Murgan MANHOLE

12th RA BILL MEASUREMENTS

Sewer at Padegaon to Anssar Colony

Extra Item No. 1: Construction of RCC circular Manhole of 1.5m dia & 3.5m depth

Sr.No.	Reference (MB no. & Page no.)	MH No	Chainage	MTL	IL	Depth	Depth Difference than 3.5 m	Total Difference	Rebate/Add for Excess height (per 50 cm)
Sewer at Padegaon to Anssar Colony-400mm Dia									
1		PAC 1	39.250	552.335	549.125	3.21	-0.29	-1.70	-3.40
2		PAC 2	95.650	552.570	549.340	3.23	-0.27		
3		PAC 3	164.250	552.725	549.625	3.10	-0.40		
4		PAC 4	198.650	552.795	549.675	3.12	-0.38		
5		PAC 5	272.250	553.060	549.920	3.14	-0.36		



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B. M. Pandeshi
Sectional Engineer



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book.

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Book No. :-
Page No. :- **103**

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

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RA 11 Padegaon to Anssar Colony-Murgan-Dewatering

12th R A BILL MEASUREMENTS Sewer at Padegaon to Anssar Colony

Sr.No.	Date	Pump Capacity in Hp	No.of Pumps	Time		Total Hrs	Bhp/Hr
				From	To		
Sewer at Padegaon to Anssar Colony-400mm Dia							
1	09/09/2016	15	1	9:00	10:30	1:30	22:30:00
		15	1	11:30	12:30	1:00	15:00:00
		15	1	13:15	15:15	2:00	30:00:00
2	10/09/2016	15	1	9:00	10:00	1:00	15:00:00
		15	1	11:00	12:30	1:30	22:30:00
		15	1	13:30	14:30	1:00	15:00:00
		15	1	15:00	17:00	2:00	30:00:00
3	12/09/2016	15	1	9:00	10:30	1:30	22:30:00
		15	1	11:00	12:30	1:30	22:30:00
		15	1	13:30	15:00	1:30	22:30:00
		15	1	16:30	17:30	1:00	15:00:00
4	14/09/2016	15	1	8:15	10:15	2:00	30:00:00
		15	1	12:00	13:00	1:00	15:00:00
		15	1	15:00	17:00	2:00	30:00:00
5	15/09/2016	15	1	8:30	10:30	2:00	30:00:00
		15	1	11:15	12:45	1:30	22:30:00
		15	1	13:30	14:45	1:15	18:45:00
		15	1	16:00	17:00	1:00	15:00:00
6	16/09/2016	15	1	9:00	11:30	2:30	37:30:00
		15	1	13:00	14:30	1:30	22:30:00
		15	1	15:30	17:30	2:00	30:00:00
7	17/09/2016	15	1	9:00	11:30	2:30	37:30:00
8	19/09/2016	15	1	9:30	12:00	2:30	37:30:00
		15	1	13:00	14:00	1:00	15:00:00
		15	1	15:30	17:00	1:30	22:30:00
9	20/09/2016	15	1	8:30	10:30	2:00	30:00:00
		15	1	11:30	13:00	1:30	22:30:00
		15	1	14:30	16:00	1:30	22:30:00
10	21/09/2016	15	1	8:45	11:45	3:00	45:00:00
		15	1	13:00	14:30	1:30	22:30:00
		15	1	16:00	17:30	1:30	22:30:00
11	22/09/2016	15	1	8:00	11:00	3:00	45:00:00
		15	1	12:30	13:15	0:45	11:15:00
		15	1	14:30	16:30	2:00	30:00:00
12	23/09/2016	15	1	8:30	10:30	2:00	30:00:00
		15	1	11:30	12:30	1:00	15:00:00
		15	1	13:30	15:30	2:00	30:00:00
13	24/09/2016	15	1	9:00	11:00	2:00	30:00:00
		15	1	12:30	13:45	1:15	18:45:00
		15	1	14:45	16:45	2:00	30:00:00



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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

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Sr.No.	Date	Pump Capacity in Hp	No.of Pumps	Time		Total Hrs	Bhp/Hr
				From	To		
14	26/09/2016	15	1	8:30	10:30	2:00	30:00:00
		15	1	11:15	13:15	2:00	30:00:00
		15	1	16:15	17:15	1:00	15:00:00
15	27/09/2016	15	1	8:15	10:15	2:00	30:00:00
		15	1	11:30	13:30	2:00	30:00:00
		15	1	16:45	17:15	0:30	7:30:00
16	28/09/2016	15	1	8:00	11:00	3:00	45:00:00
		15	1	13:00	15:00	2:00	30:00:00
		15	1	16:15	17:30	1:15	18:45:00
17	29/09/2016	15	1	8:00	10:00	2:00	30:00:00
		15	1	12:00	13:30	1:30	22:30:00
		15	1	14:30	16:00	1:30	22:30:00
18	30/09/2016	15	1	17:00	18:00	1:00	15:00:00
		15	1	9:00	11:00	2:00	30:00:00
		15	1	12:30	13:30	1:00	15:00:00
19	01/10/2016	15	1	14:45	15:45	1:00	15:00:00
		15	1	17:00	18:00	1:00	15:00:00
		15	1	9:00	11:00	2:00	30:00:00
20	03/10/2016	15	1	12:30	13:30	1:00	15:00:00
		15	1	14:45	15:45	1:00	15:00:00
		15	1	17:15	18:15	1:00	15:00:00
21	04/10/2016	15	1	11:00	13:00	2:00	30:00:00
		15	1	10:30	12:30	2:00	30:00:00
		15	1	11:00	13:00	2:00	30:00:00
22	05/10/2016	15	1	10:00	11:00	1:00	15:00:00
		15	1	12:00	13:00	1:00	15:00:00
		15	1	15:00	16:00	1:00	15:00:00
23	07/10/2016	15	1	9:00	11:00	2:00	30:00:00
		15	1	12:30	13:30	1:00	15:00:00
		15	1	15:30	17:00	1:30	22:30:00
24	08/10/2016	15	1	10:00	12:00	2:00	30:00:00
		15	1	9:00	11:00	2:00	30:00:00
		15	1	12:30	13:30	1:00	15:00:00
25	09/10/2016	15	1	15:30	17:00	1:30	22:30:00
		15	1	10:00	12:00	2:00	30:00:00
		15	1	12:30	13:30	1:00	15:00:00
26	10/10/2016	15	1	9:00	11:00	2:00	30:00:00
		15	1	12:30	13:30	1:00	15:00:00
		15	1	14:45	15:45	1:00	15:00:00
27	12/10/2016	15	1	16:30	17:45	1:15	18:45:00
		15	1	8:00	9:30	1:30	22:30:00
		15	1	10:45	11:30	0:45	11:15:00
28	13/10/2016	15	1	11:45	12:00	0:15	3:45:00
		15	1	14:30	16:30	2:00	30:00:00
		15	1	9:00	11:00	2:00	30:00:00
29	14/10/2016	15	1	12:30	13:00	0:30	7:30:00
		15	1	13:45	14:00	0:15	3:45:00
		15	1	14:15	14:30	0:15	3:45:00
		15	1	15:30	17:00	1:30	22:30:00
		15	1	17:30	18:00	0:30	7:30:00
		15	1	9:00	11:00	2:00	30:00:00
		15	1	12:30	14:30	2:00	30:00:00
		15	1				



For



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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RA 12-Padegaon to Anssar Colony-Murgan-Dewatering

Sr.No.	Date	Pump Capacity in Hp	No.of Pumps	Time		Total Hrs	Bhp/Hr
				From	To		
30	15/10/2016	15	1	16:00	17:30	1:30	22:30:00
		15	1	8:00	11:00	3:00	45:00:00
		15	1	12:30	13:00	0:30	7:30:00
		15	1	13:45	14:15	0:30	7:30:00
31	17/10/2016	15	1	15:00	16:30	1:30	22:30:00
		15	1	8:30	10:00	1:30	22:30:00
		15	1	11:00	12:30	1:30	22:30:00
		15	1	14:00	15:15	1:15	18:45:00
32	18/10/2016	15	1	16:00	17:15	1:15	18:45:00
		15	1	9:00	10:30	1:30	22:30:00
		15	1	11:30	13:00	1:30	22:30:00
		15	1	14:00	15:30	1:30	22:30:00
33	19/10/2016	15	1	16:00	17:00	1:00	15:00:00
		15	1	8:00	9:30	1:30	22:30:00
		15	1	10:15	12:15	2:00	30:00:00
		15	1	15:20	15:40	0:20	5:00:00
34	20/10/2016	15	1	15:50	16:00	0:10	2:30:00
		15	1	17:00	18:00	1:00	15:00:00
		15	1	11:00	13:00	2:00	30:00:00
		15	1	14:00	15:00	1:00	15:00:00
35	21/10/2016	15	1	16:30	17:30	1:00	15:00:00
		15	1	8:00	9:30	1:30	22:30:00
		15	1	10:15	11:00	0:45	11:15:00
		15	1	12:00	12:15	0:15	3:45:00
36	22/10/2016	15	1	15:00	17:00	2:00	30:00:00
		15	1	17:00	18:00	1:00	15:00:00
		15	1	9:45	11:00	1:15	18:45:00
		15	1	12:00	13:45	1:45	26:15:00
37	24/10/2016	15	1	14:30	15:00	0:30	7:30:00
		15	1	16:00	17:00	1:00	15:00:00
		15	1	8:00	9:30	1:30	22:30:00
		15	1	9:45	10:15	0:30	7:30:00
38	25/10/2016	15	1	11:15	12:45	1:30	22:30:00
		15	1	14:00	15:00	1:00	15:00:00
		15	1	16:00	16:15	0:15	3:45:00
		15	1	9:00	10:30	1:30	22:30:00
		15	1	11:30	12:00	0:30	7:30:00
		15	1	13:00	14:00	1:00	15:00:00
		15	1	15:30	16:00	0:30	7:30:00
		15	1	16:30	17:00	0:30	7:30:00



Spd



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Book No. :- 106
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 of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)

MUMBAI MUNICIPAL CORPORATION/RA/15/184/184 Date 01/07/2014

Page 4 of 5

RA 15-Padegaon to Anssar Colony-Murgan-Dewatering

Sr.No.	Date	Pump Capacity in Hp	No.of Pumps	Time		Total Hrs	Bhp/Hr
				From	To		
39	26/10/2016	15	1	9:00	11:00	2:00	30:00:00
		15	1	12:00	13:00	1:00	15:00:00
		15	1	15:00	16:00	1:00	15:00:00
40	27/10/2016	15	1	8:00	11:00	3:00	45:00:00
		15	1	12:00	13:30	1:30	22:30:00
41	08/11/2016	15	1	9:00	9:30	0:30	7:30:00
		15	1	10:30	11:00	0:30	7:30:00
		15	1	12:00	13:00	1:00	15:00:00
42	10/11/2016	15	1	16:00	17:00	1:00	15:00:00
		15	1	17:30	18:00	0:30	7:30:00
43	11/11/2016	15	1	9:00	9:45	0:45	11:15:00
		15	1	10:15	10:30	0:15	3:45:00
		15	1	11:30	12:00	0:30	7:30:00
44	12/11/2016	15	1	13:00	13:30	0:30	7:30:00
		15	1	9:30	10:00	0:30	7:30:00
		15	1	11:00	11:15	0:15	3:45:00
		15	1	11:45	12:00	0:15	3:45:00
45	14/11/2016	15	1	13:00	13:30	0:30	7:30:00
		15	1	14:30	15:00	0:30	7:30:00
		15	1	9:00	9:45	0:45	11:15:00
		15	1	11:45	12:00	0:15	3:45:00
46	15/11/2016	15	1	12:30	12:45	0:15	3:45:00
		15	1	13:15	13:30	0:15	3:45:00
		15	1	14:00	15:00	1:00	15:00:00
		15	1	8:30	9:00	0:30	7:30:00
		15	1	9:45	10:00	0:15	3:45:00
47	16/11/2016	15	1	10:30	10:45	0:15	3:45:00
		15	1	12:00	12:30	0:30	7:30:00
		15	1	14:30	15:00	0:30	7:30:00
		15	1	8:45	9:15	0:30	7:30:00
		15	1	11:00	11:15	0:15	3:45:00
48	17/11/2016	15	1	12:30	12:45	0:15	3:45:00
		15	1	15:00	16:00	1:00	15:00:00
		15	1	9:00	9:30	0:30	7:30:00
		15	1	10:45	11:00	0:15	3:45:00
		15	1	12:45	13:00	0:15	3:45:00
49	18/11/2016	15	1	14:00	14:30	0:30	7:30:00
		15	1	16:00	16:30	0:30	7:30:00
		15	1	8:00	8:30	0:30	7:30:00
		15	1	9:45	10:00	0:15	3:45:00
		15	1	12:00	12:30	0:30	7:30:00
		15	1	14:45	15:00	0:15	3:45:00
		15	1	16:30	17:00	0:30	7:30:00



Paul



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. :- 107

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

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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	Contents of Arrears	Page No.	Quantity	

Page 5 of 5

RA 11-Padegaon to Anssar Colony-Murgan-Dewatering

Sr.No.	Date	Pump Capacity in Hp	No.of Pumps	Time		Total Hrs	Bhp/Hr
				From	To		
50	19/11/2016	15	1	9:30	10:00	0:30	7:30:00
		15	1	12:30	12:45	0:15	3:45:00
		15	1	14:00	14:15	0:15	3:45:00
		15	1	15:00	15:30	0:30	7:30:00
51	20/11/2016	15	1	17:30	18:00	0:30	7:30:00
		15	1	8:00	8:30	0:30	7:30:00
		15	1	9:45	10:00	0:15	3:45:00
		15	1	10:45	11:00	0:15	3:45:00
		15	1	12:30	12:45	0:15	3:45:00
52	21/11/2016	15	1	14:45	15:00	0:15	3:45:00
		15	1	16:30	17:00	0:30	7:30:00
		15	1	9:30	10:00	0:30	7:30:00
		15	1	11:30	12:00	0:30	7:30:00
		15	1	14:30	15:00	0:30	7:30:00
53	22/11/2016	15	1	16:30	17:00	0:30	7:30:00
		15	1	8:45	9:00	0:15	3:45:00
		15	1	10:30	11:00	0:30	7:30:00
		15	1	13:45	14:00	0:15	3:45:00
		15	1	15:30	16:00	0:30	7:30:00
54	24/11/2016	15	1	16:30	17:00	0:30	7:30:00
		15	1	8:00	8:30	0:30	7:30:00
		15	1	9:45	10:00	0:15	3:45:00
		15	1	11:45	12:00	0:15	3:45:00
		15	1	13:45	14:00	0:15	3:45:00
55	25/11/2016	15	1	15:30	15:45	0:15	3:45:00
		15	1	16:30	17:00	0:30	7:30:00
		15	1	8:30	9:00	0:30	7:30:00
		15	1	11:00	11:15	0:15	3:45:00
		15	1	13:30	13:45	0:15	3:45:00
		15	1	15:30	16:00	0:30	7:30:00
		15	1	17:30	18:00	0:30	7:30:00
Sub Total						217:00:00	3255:00:00
							3255.000



B. A. Ramesh
Sectional 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.

Book No. :- **198**
Page No. :-

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

SR NO	Description	MB/PG	ITEM 1		ITEM 2		ITEM 3		ITEM 4		ITEM 5			Total up to Date
			0-1.5	1.5-3.0	0-1.5	1.5-3.0	0-1.5	1.5-3.0	0-1.5	1.5-3.0	3-4.5	1.5-3.0	0-1.5	
1	For Pipe		482.680	20.146	183.872	51.356	369.752	37.101	190.548	261.248	507.621	1.735		
2	For Manhole		20.466	1.320	10.563	6.041	13.204	6.866	3.301	1.981	9.078			
	Total		503.146	21.467	194.435	57.397	372.955	43.967	193.849	263.229	516.699	1.735		

1 of 2
RA 11 Padegaon to Anssar Colony-Murgan Quantity Node Abstract
14th R A BILL MEASUREMENTS
Sewer at Padegaon to Anssar Colony

Spent
B. K. Bameshi
Sectional 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.

Book No. :-

Page No. :- **109**

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	Details										Last Measurement	Total up to Date
I												10
RA 12 Padegaon to Anssar Colony-Murgan Quantity Node Abstract 11th R A BILL MEASUREMENTS Sewer at Padegaon to Anssar Colony												
2 of 2	SR NO	Description	MB/PG	ITEM 7	ITEM 10	ITEM 11	ITEM 17 400mm	ITEM 30	EIRL 1 3.5m	EIRL 1.a Rebate		
	1	For Pipe		147.108	3,255.000	292.661	620.450	1,803.400				
	2	For Manhole				33.942		38.876	5.000	(3.400)		
		Total		147.108	3255.000	326.603	620.450	1842.276	5.000	-3.400		

Handwritten Signature
B. K. Pantesfi
 Sectional Engir

