



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 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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Ambedkar Nagar Galli-03 - Pipe Measurement

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12th RA BILL MEASUREMENTS DWC PIPE AMBEDKAR NAGAR GALLI-03

Date of Measurement	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	DWC - 250 mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.250+0.5=0.750m										
	For Lift 1.5 to 3.00m- 0.250+0.5+0.4=1.150m										
	For Lift 3.0 to 4.5m- 0.250+0.5+0.4+0.4=1.550m										
	AB to A9										
	CH0.00	604.085	603.615	603.515			0.570	0.560			
	CH7.00	604.185	603.735	603.635			0.550				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.0	0.750	0.460	1.725			
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.								0.000	1.725	
	(a) For Lift 0 to 1.5m	1			5.0	0.750	0.100	0.375	0.000	0.375	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.6	0.750	0.100	0.420	0.000	0.420	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.695	0.000	0.695	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			6.10			6.100	0.000	6.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.100			
	Deduction of 250mm dia pipe										
	pipe area	1.00			0.785	5.60	0.250	0.250	0.27		
	soling								0.00		
	PCC								0.00		
	Murrum bedding								0.42		
									0.69		
	Net Qty = A - B							1.41	0.00	1.41	
	A9 to A10										
	CH7.00	604.185	603.735	603.635				0.550			
	CH9.70	604.260	603.760	603.660				0.600	0.575		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.7	0.750	0.475	0.249	1.725	1.974	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										



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Ambedkar Nagar Galli-03 - Pipe Measurement

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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			0.7	0.750	0.100	0.053		0.375	0.428
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.3	0.750	0.100	0.098		0.420	0.518
	Item No. : 11 Transportation of earth Transportation charges							0.161		0.695	0.856
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			1.80			1.800		6.100	7.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.302			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	1.30	0.250	0.250	0.06			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.10			
								0.16			
								0.14		1.41	1.55
	Net Qty = A - B										
	A10 to A11										
	CH9.70	604.260	603.760	603.660			0.600				
	CH18.95	604.465	603.915	603.815			0.650	0.625			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.3	0.750	0.525	2.855		1.974	4.829
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.3	0.750	0.100	0.544		0.428	0.971
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.9	0.750	0.100	0.589		0.518	1.106
	Item No. : 11 Transportation of earth Transportation charges							0.974		0.856	1.830
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.35			8.350		7.900	16.250
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.398			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	7.85	0.250	0.250	0.39			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.59			
								0.97			
								2.42		1.55	3.97
	Net Qty = A - B										
	A11 to A12										
	CH18.95	604.465	603.915	603.815			0.650				



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Ambedkar Nagar Gall-03 - Pipe Measurement

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH26.95	604.605	604.005	603.905			0.700				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.0	0.750	0.575	2.588	4.829	7.417	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.0	0.750	0.100	0.450	0.971	1.421	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.6	0.750	0.100	0.495	1.106	1.601	
	Item No. : 11 Transportation of earth Transportation charges							0.819	1.830	2.649	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			7.10			7.100	16.250	23.350	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.038			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	6.60	0.250	0.250	0.32			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.50			
								0.82			
								Net Qty = A - B			
	A12 to A13							2.22	3.97	6.19	
	CH26.95	604.605	604.005	603.905			0.700				
	CH37.15	604.715	604.015	603.915			0.800	0.750			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.2	0.750	0.650	3.998	7.417	11.414	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.2	0.750	0.100	0.615	1.421	2.036	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.8	0.750	0.100	0.660	1.601	2.261	
	Item No. : 11 Transportation of earth Transportation charges							1.092	2.649	3.740	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.30			9.300	23.350	32.650	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.613			



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Ambedkar Nagar Galli-03 - Pipe Measurement

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	8.80	0.250	0.250	0.43			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.66			
								1.09			
								3.52	6.19	9.71	
	Net Qty = A - B										
	A13 to A14										
	CH37.15	604.715	604.015	603.915			0.800	0.800			
	CH49.45	605.085	604.385	604.285			0.800				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.3	0.750	0.700	5.408	11.414	16.822	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.3	0.750	0.100	0.773	2.036	2.809	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.9	0.750	0.100	0.818	2.261	3.079	
	Item No. : 11 Transportation of earth Transportation charges							1.352	3.740	5.093	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			11.40			11.400	32.650	44.050	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.180			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	10.90	0.250	0.250	0.53			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.82			
								1.35			
	Net Qty = A - B							4.83	9.71	14.54	
	A14 to A15										
	CH49.45	605.085	604.385	604.285			0.800	0.850			
	CH56.35	605.295	604.495	604.395			0.900				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.9	0.750	0.750	2.756	16.822	19.578	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.9	0.750	0.100	0.368	2.809	3.176	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.5	0.750	0.100	0.413	3.079	3.491	



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Ambedkar Nagar Gall-03 - Pipe Measurement

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. : 11 Transportation of earth Transportation charges							0.682		5.093	5.775
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			6.00			6.000		44.050	50.050
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.124			
	Deduction of 250mm dia pipe										
	pipe area	1.00									
	soling			0.785	5.50	0.250	0.250	0.27			
	PCC							0.00			
	Murrum bedding							0.00			
								0.41			
								0.68			
								Net Qty = A - B			
	A15 to A16							2.44		14.54	16.98
	CH56.35	605.295	604.495	604.395							
	CH65.35	605.415	604.465	604.365			0.900				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.						1.050	0.975			
	(a) For Lift 0 to 1.5m	1									
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.				7.0	0.750	0.875	4.594		19.578	24.172
	(a) For Lift 0 to 1.5m	1									
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.0	0.750	0.100	0.525		3.176	3.701
					7.6	0.750	0.100	0.570		3.491	4.061
	Item No. : 11 Transportation of earth Transportation charges							0.943		5.775	6.718
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.10			8.100		50.050	58.150
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.119			
	Deduction of 250mm dia pipe										
	pipe area	1.00									
	soling			0.785	7.60	0.250	0.250	0.37			
	PCC							0.00			
	Murrum bedding							0.00			
								0.57			
								0.94			
								Net Qty = A - B		16.98	21.15
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer In-Charge				0.025			0.025			0.025



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Ambedkar Nagar Galli-03 - CHEMBER Measurement

14th R A BILL MEASUREMENTS DWC CHEMBER AMBEDKAR NAGAR GALLI-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 250mm Dia										
	Excavation of Chamber - For 1.20 dia chamber (upto 2.0m depth)- 1.20+0.50+0.5+0.5=2.66m										
	Bredth for chamber upto 2m=2.66*2.66=7.075m										
	Excavation of Chamber - For 0.9 mt. * 06 mt. square chamber up to Depth of 2.0 mt.-0.9+0.5+0.3+0.3=2.0m										
	Bredth for Square chamber up to Depth of 2m= 2 * 2=4m										
	A9										
	CH7.00	604.185	603.735	603.485			0.700				
	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	4.000	0.600	1.884	0.000	1.884	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.000	0.314	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.953	0.000	0.953	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.198			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.450	0.48			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							0.95			
	Net Qty = A - B							1.25	0.00	1.25	
	A10										
	CH9.70	604.260	603.760	603.510			0.750				
	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	4.000	0.650	2.041	1.884	3.925	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.314	0.628	
	Item No. : 11 Transportation of earth Transportation charges							1.006	0.953	1.959	



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Ambedkar Nagar Galli-03 - CHEMBER Measurement

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(A)=						2.355				
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.500	0.53			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	Total (B)							1.01			
		Net Qty = A - B						1.35		1.25	2.59
	A11										
	CH18.95	604.465	603.915	603.665			0.800				
	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	4.000	0.700	2.198	3.925	6.123	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.628	0.942	
	Item No. : 11 Transportation of earth Transportation charges							1.059	1.959	3.017	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.512			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.550	0.58			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	Total (B)							1.06			
		Net Qty = A - B						1.45		2.59	4.05
	A12										
	CH26.95	604.605	604.005	603.755			0.850				
	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	4.000	0.750	2.355	6.123	8.478	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.942	1.256	
	Item No. : 11 Transportation of earth Transportation charges							1.111	3.017	4.129	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.669			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.600	0.63			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			



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Ambedkar Nagar Galli-03 - CHEMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Murrum bedding						0.00				
	Total (B)						1.11				
		Net Qty = A - B					1.56		4.05	5.61	
	A13										
	CH37.15	604.715	604.015	603.765			0.950				
	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	4.000	0.850	2.669		8.478	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.256	
	Item No. : 11 Transportation of earth Transportation charges							1.217		4.129	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						2.983				
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.700	0.74			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)						1.22				
		Net Qty = A - B					1.77		5.61	7.37	
	A14										
	CH49.45	605.085	604.385	604.135			0.950				
	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	4.000	0.850	2.669		11.147	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.570	
	Item No. : 11 Transportation of earth Transportation charges							1.217		5.346	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						2.983				
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.700	0.74			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)						1.22				
		Net Qty = A - B					1.77		7.37	9.14	
	A15										
	CH56.35	605.295	604.495	604.245			1.050				



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AURANGABAD MUNICIPAL CORPORATION.

(From No.52)



Measurement Book

Book No. :- 196
Page No. :-

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ah. Constructing, Erecting, Testing and Commissioning of Sewerage Treatment Plant based on modern technology at Nakshrawadi (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 Nakshrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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

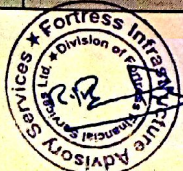
Authority No. AMC/Ward B&C/UHSSMT/2014/184 **Date** 01.07.2014

	Details	Last Measurement
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4 of 4

Ambedkar Nagar Galli-03 - CHEMBER Measurement

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. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.950	2.983		13.816	16.799
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.884	2.198
	Item No. : 11 Transportation of earth Transportation charges							1.323		6.563	7.885
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.297			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.800	0.85			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.32			
	Net Qty = A - B							1.97		9.14	11.11
	A16										
	CH65.35	605.415	604.465	604.215			1.200				
	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	4.000	1.100	3.454		16.799	20.253
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.198	2.512
	Item No. : 11 Transportation of earth Transportation charges							1.481		7.885	9.366
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.768			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.950	1.00			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.48			
	Net Qty = A - B							2.29		11.11	13.40



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AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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

Book No. :- **197**
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

1 of 1		Ambedkar Nagar Galli-03 - Nalla Work						Last	
11th R A BILL MEASUREMENTS OF BBM Trench									
Date	Particulars of work	DETAILS				Content of arrears	Last measurement		Total Upto Date Quantity
		No	L	B	D		Page	Quantity	
Extra Item No.: 4, Providing and constructing on sewer.BBM U type Trench and up to a depth of 1.1 M in CM 1:4 proportion excluding excavation including foundation concrete 150 mm thick and haunches and channels in C.C.1:2:4									
A AMBEDKAR NAGAR GALLI NO.03									
1	Extra Item No.: 4								
	Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
	(a) Long Wall	2	65.350	0.230	0.600	18.037		0.000	18.037
						18.037		0.000	18.037
	Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.								
	(a) Long Wall	2	65.350	0.000	0.700	91.490		0.000	91.490
						91.490		0.000	91.490
	Extra Item :5(b) - Providing & Casting M15 Grade PCC for manhole etc complete.								
	PCC	1	65.350	1.260	0.100	8.234		0.000	8.234
	Coping	2	65.350	0.230	0.060	1.804		0.000	1.804
									10.04



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AURANGABAD MUNICIPAL CORPORATION

(From No.52)

Measurement Book

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

Book No. :- **199**
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 7	ITEM 11	ITEM 13		ITEM 30	ITEM 35	Extra Item 2 RR-1420	Extra Item 2.a Rebate	Extra Item 4		Extra Item 5	
			0-1.5	1.5-3.0				0-1.5	250mm					a	b		
1	For Pipe		24.172		3.701	4.061	6.718	58.150	58.150	21.155	0.025						
2	For Manhole		20.253	0.000	2.512	9.366	13.399	58.150	58.150	34.554	0.025	8.000	-9.167	18.037	91.490	10.04	
Total			44.425	0.000	6.213	4.061	16.084	58.150	58.150	34.554	0.025	8.000	-9.167	18.037	91.490	10.04	

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Ambedkar Nagar Galli-03 - Qty. Abstract

QUANTITY ABSTRACT RA 14th
AMBEDKAR NAGAR GALLI-03

Date of Measurement