



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Safim 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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14th RA BILL MEASUREMENTS DWC PIPE BRANCH SEWER OF "E" BANSILAL NAGAR NEAR FIRE BRIGADE

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 - 315 mm Dia										
	Width of Trench -										
	For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
19/09/16	E 19.32						2.158				
	CH0.00	566.463	564.405	564.305			2.157				
	CH7.00	566.490	564.435	564.335			2.155				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.2	1.215	1.500	11.208	0.000	11.208	
	(b) For Lift 1.5m to 3.0m	1			6.2	0.815	0.500	2.506	0.000	2.506	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			6.2	0.815	0.157	0.787	0.000	0.787	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.2	0.815	0.100	0.501	0.000	0.501	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.980	0.000	0.980	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			6.40			6.400	0.000	6.400	
	Item No. 30 :- Refilling the excavated trenches*...							14.501			
	Total Excavation=							14.501			
	Deduction of 315mm dia pipe pipe area	1.00		0.785	6.15	0.315	0.315	0.48			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.50			
								0.98			
								13.52	0.00	13.52	
19/09/16											
	CH7.00	566.490	564.435	564.335			2.155	2.118			
	CH14.20	566.445	564.465	564.365			2.080				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.1	1.215	1.500	11.026	11.208	22.235	
	(b) For Lift 1.5m to 3.0m	1			6.1	0.815	0.500	2.465	2.506	4.972	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.1	1.215	0.000	0.000	0.000	0.000	
	(b) For Lift 1.5m to 3.0m	1			6.1	0.815	0.118	0.582	0.787	1.369	



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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	EXL							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.4	0.815	0.100	0.518		0.501	1.019
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.012		0.980	1.992
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			6.60			6.600		6.400	13.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							14.073			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	6.35	0.315	0.315	0.49			
	soling							0.00			
	PCC							0.00			
	Murram bedding							0.52			
								1.01			
								13.06		13.52	26.58
	Net Qty = A - B										
20/09/16	E 19.32.01										
	CH14.20	566.445	564.565	564.465			1.980	1.960			
	CH27.60	566.475	564.635	564.535			1.940				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			12.3	1.215	1.500	22.326		22.235	44.560
	(b) For Lift 1.5m to 3.0m	1			12.3	0.815	0.300	2.995		4.972	7.967
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			12.3	1.215	0.000	0.000		0.000	0.000
	(b) For Lift 1.5m to 3.0m	1			12.3	0.815	0.160	1.597		1.369	2.966
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.6	0.815	0.100	1.023		1.019	2.042
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.000		1.992	3.993
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			12.80			12.800		13.000	25.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.918			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	12.55	0.315	0.315	0.98			
	soling							0.00			
	PCC							0.00			
	Murram bedding							1.02			
								2.00			
								24.92		26.58	51.50
	Net Qty = A - B										
20/09/16											
	CH27.60	566.475	564.635	564.535			1.940	1.960			
	CH41.00	566.525	564.645	564.545			1.980				



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