



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. : **047**

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

Bansilal Nagar, Chamber meas.

10 of 10

Date	Particulars of work	DETAILS					Content of area	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.				0.785	5.290	1.300	5.398		109.630	115.028	
	(a) For Lift 0 to 1.5m	1			0.785	5.290	0.000	0.000		13.911	13.911	
	(b) For Lift 1.5m to 3.0m	1										
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.				0.785	5.290	0.200	0.831		2.907	3.737	
	(a) For Lift 0 to 1.5m	1			0.785	5.290	0.290	1.204		43.142	44.346	
	(b) For Lift 1.5m to 3.0m	1										
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							2.829		62.525	65.353	
	Item No. 30 :- Refilling the excavated trenches ...							7.433				
	Total Excavation(A)=											
	Deduction				0.785	1.31	1.31	1.540	2.07			
	Brick work	1.00							0.00			
	soling				0.785	1.96	1.96	0.25	0.75			
	PCC	1.00							0.00			
	Murrum bedding								2.83			
	Total (B)							4.60		107.065	111.67	
					Net Qty = A - B							



Handwritten signatures and initials



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. :- 48
Page No. :-

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

A

1 of 1

Bansilal Nagar , chamber

12th RA BILL MEASUREMENTS CHAMBER DETAILS

Item No. 21 : Providing and constructing on sewer.BBM manhole 1.2 m dia at bottom and 0.5 m dia at top and up to a depth of 2.0 M etc., complete

SR NO	Chainage	MH No	MTL	IL	Depth	Depth Difference than 2 m	Total Difference	Rebate/Added for Excess height
BEANCH SEWER OF "E" BANSILAL NAGAR NEAR FIRE BRIGADE								
1	CH14.20	E 19.32.01	566.445	564.465	1.980	-0.020 ✓	-0.120 ✓	-0.24 ✓
2	CH41.00	E 19.32.02	566.525	564.645	1.880	-0.120 ✓		
3	CH62.20	E 19.32.03	566.795	564.956	1.839	-0.161 ✓		
4	CH99.60	E 19.32.04	567.145	565.275	1.870	-0.130 ✓		
5	CH112.80	E 19.32.05	567.305	565.435	1.870	-0.130 ✓		
6	CH141.20	E 19.32.06	567.435	565.655	1.780	-0.220 ✓		
7	CH166.70	E 19.32.07	567.615	566.025	1.590	-0.410 ✓		
8	CH193.60	E 19.32.08	567.905	566.125	1.780	-0.220 ✓		
9	CH214.70	E 19.32.09	568.225	566.255	1.970	-0.030 ✓		
10	CH247.70	E 19.32.10	568.355	566.365	1.990	-0.010 ✓		
11	CH273.10	E 19.32.11	568.505	566.495	2.010	0.010 ✓		
12	CH314.40	E 19.32.12	568.635	566.635	2.000	0.000 ✓		
13	CH324.40	E 19.32.13	568.785	566.765	2.020	0.020 ✓		
14	CH358.40	E 19.32.14	568.935	566.865	2.070	0.070 ✓		
15	CH381.40	E 19.32.15	569.305	566.965	2.340	0.340 ✓		
16	CH403.00	E 19.32.16	569.575	567.135	2.440	0.440 ✓		
17	CH424.60	E 19.32.17	569.735	567.255	2.480	0.480 ✓		
18	CH450.80	E 19.32.18	569.825	567.395	2.430	0.430 ✓		
19	CH31.60	E 19.32.06.01	567.445	565.905	1.540	-0.460 ✓		
		TOTAL						-0.24 ✓



Handwritten signatures



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. :- (5)

1 of 15

10th RTO Office (version 2) RTO Office

14th RA BILL MEASUREMENTS BRANCH SEWER "E" AT "RTO Office Back Side to Railway Station"

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
BRANCH SEWER AT " RTO Office-400mm Dia"											
	Width of Trench - For										
	Bottom Lift 0.00-1.50m- 0.4+0.15+0.15+0.5=1.2m										
	From Bottom Lift 1.50m-3.00m- 0.4+0.15+0.15+0.5+0.4=1.6m										
	From Bottom Lift 3.00m-4.50m- 0.4+0.15+0.15+0.5+0.4+0.4=2.0m										
	E 19.18.0										
	CH0.00	560.860	558.260	558.060			2.80	2.900			
	CH19.00	561.130	558.330	558.130			3.00				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc										
	(a) For Lift 0 to 1.5m	1			16.30	1.600	1.350	35.208	0.000	35.208	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			16.30	1.200	0.300	5.868	0.000	5.868	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			16.30	1.600	0.150	3.912	0.000	3.912	
	(b) For Lift 1.5m to 3.0m	1			16.30	1.200	1.100	21.516	0.000	21.516	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.80	1.200	0.200	4.032	0.000	4.032	
	Item No.: 11 Disposal of excavated material including loading the							8.021	0.000	8.021	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			17.50			17.500	0.000	17.500	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							66.504			
	Deduction										
	pipe area	1		0.785	16.80	0.550	0.550	3.99			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							4.03			
	Total = B							8.02			
					Net Qty = A - B			58.48	0.000	58.483	
	E 19.18.1										
	CH19.00	561.130	558.500	558.300			2.83	2.860			
	CH45.50	561.290	558.600	558.400			2.89				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc										
	(a) For Lift 0 to 1.5m	1			23.30	1.600	1.350	50.328	35.208	85.536	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			23.30	1.200	0.500	13.980	5.868	19.848	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			23.30	1.600	0.150	5.592	3.912	9.504	
	(b) For Lift 1.5m to 3.0m	1			23.30	1.200	0.860	24.046	21.516	45.562	



MPK



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

Book No. :- 051
Page No. :-

2 of 15

Mth RTO Office (version 2) RTO Office

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	1			23.30	1.200	0.200	5.592		4.032	9.624
	Item No.: 11 Disposal of excavated material including loading the							11.125		8.021	19.146
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			25.00			25.000		17.500	42.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							93.946			
	Deduction										
	pipe area	1		0.785	23.30	0.550	0.550	5.53			
	soling							0.00			
	PCC							0.00			
	Murum bedding							5.59			
	Total = B							11.12			
					Net Qty = A - B			82.82		58.483	141.303
	E 19.18.2										
	CH45.50	561.290	558.800	558.600				2.69			
	CH63.75	561.370	558.870	558.670				2.70		2.695	
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			16.65	1.600	1.350	35.964		85.536	121.500
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			16.65	1.200	0.500	9.990		19.848	29.838
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			16.65	1.600	0.150	3.996		9.504	13.500
	(b) For Lift 1.5m to 3.0m	1			16.65	1.200	0.695	13.886		45.562	59.449
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			16.65	1.200	0.200	3.996		9.624	13.620
	Item No.: 11 Disposal of excavated material including loading the							7.950		19.146	27.090
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			17.50			17.500		42.500	60.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							63.836			
	Deduction										
	pipe area	1		0.785	16.65	0.550	0.550	3.95			
	soling							0.00			
	PCC							0.00			
	Murum bedding							4.00			
	Total = B							7.95			
					Net Qty = A - B			55.89		141.303	197.190
	CH63.75	561.370	558.870	558.670				2.70			
	CH84.50	561.380	558.950	558.750				2.63		2.665	
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			19.15	1.600	1.350	41.364		121.500	162.864
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.600	13.788		29.838	43.626



7/4

2/2



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

Book No. :-
Page No. :- 52

3 of 15

11th RTO Office (version 2) RTO Office

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.											
	(a) For Lift 0 to 1.5m	1			19.15	1.600	0.150	4.596		13.500	18.096	
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.565	12.984		59.448	72.431	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.15	1.200	0.200	4.596		13.620	18.216	
	Item No.: 11 Disposal of excavated material including loading the							9.143		27.096	36.239	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		60.000	80.000	
	Item No 30 :- Refilling the excavated trenches ...											
	Total Excavation = A							72.732				
	Deduction											
	pipe area	1		0.785	19.15	0.550	0.550	4.55				
	soling							0.00				
	PCC							0.00				
	Murrum bedding							4.60				
	Total = B							9.14				
								Net Qty = A - B		63.59	197.190	260.778
	E 19.18.3											
	CH04.50	561.380	559.150	558.950				2.43	2.420			
	CH105.18	561.440	559.230	559.030				2.41				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc											
	(a) For Lift 0 to 1.5m	1			19.21	1.600	1.350	41.494		162.864	204.358	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(b) For Lift 1.5m to 3.0m	1			19.21	1.200	0.500	11.526		43.626	55.152	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			19.21	1.600	0.150	4.610		18.096	22.706	
	(b) For Lift 1.5m to 3.0m	1			19.21	1.200	0.420	9.682		72.431	82.113	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.21	1.200	0.200	4.610		18.216	22.826	
	Item No.: 11 Disposal of excavated material including loading the							9.172		36.239	45.411	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		80.000	100.000	
	Item No 30 :- Refilling the excavated trenches ...											
	Total Excavation = A							67.312				
	Deduction											
	pipe area	1		0.785	19.21	0.550	0.550	4.56				
	soling							0.00				
	PCC							0.00				
	Murrum bedding							4.61				
	Total = B							9.17				
								Net Qty = A - B		58.14	260.778	318.918
	CH105.18	561.440	559.230	559.030				2.41	2.415			
	CH125.78	561.530	559.310	559.110				2.42				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc											
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.900	27.749		204.358	232.106	



M

J



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 DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to Aurangabad City

Book No. :- 053
Page No. :-

4 of 15

14th RTO Office (version 2) RTO Office

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No	No	EX.L	L	B	D		Page	Quantity	
		GL	IL								
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.450	10.406		55.152	65.558
	(c) For Lift 3.0m to 4.5m	1			19.27	1.200	0.400	9.250		0.000	9.250
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.150	4.625		22.706	27.331
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.515	11.909		82.113	94.022
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.27	1.200	0.200	4.625		22.826	27.451
	Item No.: 11 Disposal of excavated material including loading the							9.201		45.411	54.612
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		100.000	120.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							63.938			
	Deduction										
	pipe area	1		0.785	19.27	0.550	0.550	4.58			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							4.62			
	Total = B							9.20			
								Net Qty = A - B		54.74	318.918
	E 19.18.4										
	CH125.78	561.530	559.510	559.310			2.22	2.210			
	CH146.98	561.590	559.590	559.390			2.20				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc										
	(a) For Lift 0 to 1.5m	1			18.54	1.600	0.950	28.181		232.106	260.287
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.54	1.600	0.400	11.866		0.000	11.866
	(b) For Lift 1.5m to 3.0m	1			18.54	1.200	0.200	4.450		65.558	70.007
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.54	1.600	0.150	4.450		27.331	31.781
	(b) For Lift 1.5m to 3.0m	1			18.54	1.200	0.510	11.346		94.022	105.369
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			18.54	1.200	0.200	4.450		27.451	31.901
	Item No.: 11 Disposal of excavated material including loading the							8.852		54.612	63.464
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		120.000	140.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							60.292			
	Deduction										
	pipe area	1		0.785	18.54	0.550	0.550	4.40			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							4.45			
	Total = B							8.85			
								Net Qty = A - B		51.44	373.655
	E 19.18.5										



Handwritten signatures and initials.



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

Book No. :- 055

Page No. :-

6 of 15

11th RTO Office (version 2) RTO Office

Date	Particulars of work	DETAILS					Content of area	Last measurement		TOTAL TO DATE	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Murum bedding						4.62				
	Total = B						9.20				
							52.08	455.262	507.340		
	CH181.28	561.710	559.760	559.560			2.15				
	CH201.88	561.750	559.840	559.640			2.11				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.500	15.416		290.926	306.342
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.850	26.207		46.696	72.903
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.630	14.568		93.980	108.549
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.150	4.625		39.055	43.680
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.27	1.200	0.200	4.625		39.175	43.800
	Item No.: 11 Disposal of excavated material including loading the							9.201		77.936	87.137
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		172.500	192.500
	Item No 30 :- Refilling the excavated trenches ...							60.816			
	Total Excavation = A										
	Deduction										
	pipe area	1		0.785	19.27	0.550	0.550	4.58			
	soling							0.00			
	PCC							0.00			
	Murum bedding							4.62			
	Total = B							9.20			
								51.62	507.340	558.959	
	E 19.18.7										
	CH201.88	561.750	559.850	559.650			2.10				
	CH222.48	561.880	559.930	559.730			2.15				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.600	18.499		306.342	324.842
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.750	23.124		72.903	96.027
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.300	6.937		108.549	115.486
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.150	4.625		43.680	48.305
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.325	7.515		105.369	112.884
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.27	1.200	0.200	4.625		43.800	48.425
	Item No.: 11 Disposal of excavated material including loading the							9.201		87.137	96.338
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		192.500	212.500
	Item No 30 :- Refilling the excavated trenches ...										



MH [Signature]



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

Book No. :- 056
Page No. :-

7 of 15

13th RTO Office (version 2) RTO Office

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Total Excavation = A										
	Deduction										
	pipe area	1		0.785	19.27	0.550	0.550	4.58			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							4.62			
	Total = B							9.20			
		Net Qty = A - B									
								51.50	558.955	610.455	
	CH222.48	561.880	559.930	559.730			2.15				
	CH243.08	562.090	560.010	559.810			2.28	2.215			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.650	20.041		324.842 344.882	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.700	21.582		96.027 117.610	
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.400	9.250		115.486 124.735	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			19.27	1.600	0.150	4.625		48.305 52.930	
	(b) For Lift 1.5m to 3.0m	1			19.27	1.200	0.315	7.284		112.884 120.168	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.27	1.200	0.200	4.625		48.425 53.050	
	Item No. 11 Disposal of excavated material including loading the							9.201		96.338 105.538	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		212.500 232.500	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							62.782			
	Deduction										
	pipe area	1		0.785	19.27	0.550	0.550	4.58			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							4.62			
	Total = B							9.20			
		Net Qty = A - B									
								53.58	610.455	664.036	
	E 19.18.8										
	CH243.08	562.090	560.020	559.820			2.27				
	CH259.28	562.320	560.080	559.880			2.44	2.355			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			13.54	1.600	0.700	15.165		344.882 360.047	
	(b) For Lift 1.5m to 3.0m	1			13.54	1.200	0.000	0.000		0.000 0.000	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.54	1.600	0.650	14.082		117.610 131.691	
	(b) For Lift 1.5m to 3.0m	1			13.54	1.200	0.500	8.124		124.735 132.859	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			13.54	1.600	0.150	3.250		52.930 56.179	
	(b) For Lift 1.5m to 3.0m	1			13.54	1.200	0.355	5.768		120.168 125.936	



Handwritten signatures and initials



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Sahm 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

Book No. :- 057
Page No. :-

8 of 15

19th RTO Office (version 2) RTO Office

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	1			13.54	1.200	0.200	3.250		53.050	56.299
	Item No. 11 Disposal of excavated material including loading the							6.465		105.538	112.003
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			15.00			15.000		232.500	247.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							46.388			
	Deduction										
	pipe area	1		0.785	13.54	0.550	0.550	3.22			
	soling							0.00			
	PCC							0.00			
	Murum bedding							3.25			
	Total = B							6.46			
								Net Qty = A - B	39.92	664.036	703.959
	E 19.18.9										
	CH259.28	562.320	560.480	560.280				2.04			
	CH275.48	562.360	560.540	560.340				2.02		2.030	
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			13.54	1.600	1.350	29.246		360.047	389.294
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			13.54	1.200	0.530	8.611		132.859	141.471
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			13.54	1.600	0.150	3.250		56.179	59.429
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			13.54	1.200	0.200	3.250		56.299	59.549
	Item No. 11 Disposal of excavated material including loading the							6.465		112.003	118.468
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			15.00			15.000		247.500	262.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							41.107			
	Deduction										
	pipe area	1		0.785	13.54	0.550	0.550	3.22			
	soling							0.00			
	PCC							0.00			
	Murum bedding							3.25			
	Total = B							6.46			
								Net Qty = A - B	34.64	703.959	738.602
	E 19.18.10										
	CH275.48	562.360	561.040	560.840				1.52		1.540	
	CH289.08	562.450	561.090	560.890				1.56			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			11.27	1.200	0.900	12.172		389.294	401.465
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.27	1.200	0.350	4.733		131.691	136.425
	(b) For Lift 1.5m to 3.0m	1			11.27	1.200	0.040	0.541		141.471	142.012



Handwritten signatures and initials



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

Book No. :- 057

Page No. :-

10 of 15

11th RTO Office (version 2) RTO Office

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 earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.815	1.000	7.172		410.341	417.513
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.815	0.245	1.757		138.482	140.239
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			9.400	0.815	0.100	0.766		63.126	63.892
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.498		125.554	127.053
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										
		1			9.900			9.900		11.300	21.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.929			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	9.400	0.315	0.315	0.73			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.77			
								1.50			
	Net Qty = A - B							7.43		763.275	770.706
	E 19.18.13										
	CH312.38	562.280	561.160	561.060			1.220	1.215			
	CH325.78	562.310	561.200	561.100			1.210				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.400	0.815	1.100	10.220		417.513	427.733
	(b) For Lift 1.5m to 3.0m	1			11.400	0.815	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.400	0.815	0.115	1.068		140.239	141.308
	(b) For Lift 1.5m to 3.0m	1			11.400	0.815	0.000	0.000		142.012	142.012
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.400	0.815	0.000	0.000		62.810	62.810
	(b) For Lift 1.5m to 3.0m	1			11.400	0.815	0.000	0.000		125.936	125.936
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			12.000	0.815	0.100	0.978		63.892	64.870
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.913		127.053	128.965
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										
		1			12.500			12.500		21.200	33.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.289			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	12.000	0.315	0.315	0.93			



Handwritten signatures and initials



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

Book No. :-
Page No. :- 66

11 of 15

11th RTO Office (version 2) RTO Office

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.98			
								1.91			
								9.38	770.706	780.082	
	E 19.18.14										
	CH325.78	562.310	561.200	561.100			1.210	1.205			
	CH333.78	562.350	561.250	561.150			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.000	0.815	1.000	4.890	427.733	432.623	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.000	0.815	0.205	1.002	141.308	142.310	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.600	0.815	0.100	0.538	64.870	65.408	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.052	128.965	130.017	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			7.100			7.100	33.700	40.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.892			
	Deduction of 315mm dia pipe										
	pipe area	1.00			0.785	6.600	0.315	0.315	0.51		
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.54			
								1.05			
								4.84	780.082	784.922	
	E 19.18.15										
	CH333.78	562.350	561.260	561.160			1.190	1.185			
	CH341.28	562.370	561.290	561.190			1.180				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	1.000	4.483	432.623	437.105	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	0.185	0.829	142.310	143.139	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.100	0.815	0.100	0.497	65.408	65.905	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.972	130.017	130.990	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			6.600			6.600	40.800	47.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.312			
	Deduction of 315mm dia pipe										





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, Erection, 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. :- 061
Page No. :-

12 of 15

12th RTO Office (version 2) RTO Office

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No		EX.L	L	B	D		Page	Quantity	
		GL	IL								
		1.00		0.785	6.100	0.315	0.315	0.48			
	pipe area							0.00			
	soling							0.50			
	PCC							0.97			
	Murrum bedding							4.34	784.922	789.262	
Net Qty = A - B											
E 19.18.16		562.370	561.290	561.190				1.180	1.170		
CH341.28		562.390	561.330	561.230				1.160			
CH353.48											
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.				10.200	0.815	1.000	8.313	437.105	445.418	
	(a) For Lift 0 to 1.5m	1									
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.				10.200	0.815	0.170	1.413	143.139	144.553	
	(a) For Lift 0 to 1.5m	1									
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.800	0.815	0.100	0.880	65.905	66.785	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.721	130.990	132.711	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			11.300			11.300	47.400	58.700	
	Item No. 30 :- Refilling the excavated trenches ...							9.726			
	Total Excavation=										
	Deduction of 315mm dia pipe	1.00		0.785	10.800	0.315	0.315	0.84			
	pipe area							0.00			
	soling							0.00			
	PCC							0.88			
	Murrum bedding							1.72			
Net Qty = A - B											
								8.00	789.262	797.267	
E 19.18.17		562.390	561.330	561.230				1.160	1.170		
CH353.48		562.430	561.350	561.250				1.180			
CH358.28											
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.				2.800	0.815	0.900	2.054	445.418	447.472	
	(a) For Lift 0 to 1.5m	1									
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.				2.800	0.815	0.270	0.616	144.553	145.169	
	(a) For Lift 0 to 1.5m	1									
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.400	0.815	0.100	0.277	66.785	67.062	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.542	132.711	133.253	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			3.900			3.900	58.700	62.600	
	Item No. 30 :- Refilling the excavated trenches ...							2.670			
	Total Excavation=										



Handwritten signatures and initials



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. : **063**
Page No. :-

14 of 15

1th RTO Office (version 2) RTO Office

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Total Excavation=									0.609	
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	1.200	0.315	0.315			0.09	
	soling									0.00	
	PCC									0.00	
	Murrum bedding									0.10	
										0.19	
										0.42	
									800.206	800.624	
	E 19.18.12.2										
	CH5.30	562.270	561.130	561.030			1.240		1.215		
	CH13.70	562.280	561.190	561.090			1.190				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.815	1.000	5.216		448.825	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.815	0.215	1.121		145.443	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			7.000	0.815	0.100	0.571		67.266	
	Item No. : 11 Transportation of earth Transportation charges including							1.116		133.652	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										
		1			7.500			7.500		66.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=									6.337	
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	7.000	0.315	0.315			0.55	
	soling									0.00	
	PCC									0.00	
	Murrum bedding									0.57	
										1.12	
										5.22	
									800.624	805.845	
	E 19.18.12.3										
	CH13.70	562.280	561.190	561.090			1.190		1.145		
	CH22.80	562.260	561.260	561.160			1.100				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.100	0.815	1.000	5.787		454.041	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.100	0.815	0.145	0.839		146.565	
	(b) For Lift 1.5m to 3.0m	1			7.100	0.815	0.000	0.000		142.012	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.100	0.815	0.000	0.000		62.810	
	(b) For Lift 1.5m to 3.0m	1			7.100	0.815	0.000	0.000		125.936	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			7.700	0.815	0.100	0.628		67.836	
	Item No. : 11 Transportation of earth Transportation charges including							1.227		134.767	



Handwritten signatures and initials



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. :-

064

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

Authority No. AMC/Ward B&C/UIDSSM1/2014/184 **Date** 01.07.2014

15 of 15

1st RTO Office (version 2) RTO Office

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. 13 :- (d) Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			8.200			8.200		73.600	81.800
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia									275.000	275.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation*							6.626			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	7.700	0.315	0.315	0.60			
	soiling							0.00			
	PCC							0.00			
	Murum bedding							0.63			
								1.23			
								5.40		805.845	811.244



Handwritten signatures and initials