

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, Zaita, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaita, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP-DW pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to CIDCO, Mumbai City.

Book No. :- 125
Page No. :-

Page 1

Pipe lying MB Gulmandi-03

9th R A BILL MEASUREMENTS DWC PIPE GULMANDI-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	GULMANDI BANANA MARKET									
	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										
	GB 01 to GB 02										
	CH0.00	586.150	585.060	584.960			1.190	1.145			
	CH11.30	586.370	585.370	585.270			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			9.600	0.750	0.895	6.444	0.000	6.444	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.600	0.750	0.150	1.080	0.000	1.080	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.600	0.750	0.100	0.720	0.000	0.720	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.900	0.750	0.100	0.743	0.000	0.743	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.228	0.000	1.228	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.400			10.400	0.000	10.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.244			
	Deduction of 250mm dia pipe pipe area	1.000		0.785	9.900	0.250	0.250	0.486			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.743			
								1.228			
								Net Qty = A - B	7.016	0.000	7.016
	GB 02 to GB 03										
	CH11.30	586.370	585.370	585.270			1.100	1.055			
	CH26.20	586.580	585.670	585.570			1.010				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.900	0.750	0.805	7.788	6.444	14.232	



Handwritten signature or initials.

Page 3

Pipe lying MB Gulmandi-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Total Excavation=							8.536			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	10.900	0.250	0.250	0.535			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.818			
								1.352			
								Net Qty = A - B	7.184	15.548	22.732
	GB 04 to GB 05										
	CH38.50	586.820	585.720	585.620			1.200	1.235			
	CH50.90	587.350	586.180	586.080			1.270				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.400	0.750	0.985	7.683	20.837	28.520	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.400	0.750	0.150	1.170	3.690	4.860	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.400	0.750	0.100	0.780	2.460	3.240	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.000	0.750	0.100	0.825	2.573	3.398	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.365	4.255	5.620	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			11.500			11.500	35.800	47.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							9.633			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	11.000	0.250	0.250	0.540			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.825			
								1.365			
								Net Qty = A - B	8.268	22.732	31.000
	GB 05 to GB 06										
	CH50.90	587.350	586.180	586.080			1.270	1.220			
	CH55.20	587.490	586.420	586.320			1.170				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.300	0.750	0.970	1.673	28.520	30.194	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										



Handwritten signature or initials.

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. :- 128
Page No. :-

Page 4

Pipe lying MB Gulmandi-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							
	(a) For Lift 0 to 1.5m	1			2.300	0.750	0.150	0.259		4.860	5.119
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.300	0.750	0.100	0.173		3.240	3.413
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.900	0.750	0.100	0.218		3.398	3.615
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.360		5.620	5.980
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			3.400			3.400		47.300	50.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.105			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	2.900	0.250	0.250	0.142			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.218			
								0.360			
								1.745		31.000	32.745
	Net Qty = A - B										
	GB 06 to GB 07										
	CH55.20	587.490	586.420	586.320			1.170				
	CH70.20	587.720	586.460	586.360			1.360	1.265			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc										
	(a) For Lift 0 to 1.5m	1			13.000	0.750	1.015	9.896		30.194	40.090
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			13.000	0.750	0.150	1.463		5.119	6.581
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			13.000	0.750	0.100	0.975		3.413	4.388
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			13.600	0.750	0.100	1.020		3.615	4.635
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.687		5.980	7.667
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			14.100			14.100		50.700	64.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							12.334			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	13.600	0.250	0.250	0.667			
	soling							0.000			
	PCC							0.000			



Handwritten signature or initials.

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

Book No. :- 129

Page No. :-

Page 5

Pipe lying MB Gulmandi-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							
	Murrum bedding							1.020			
								1.687			
		Net Qty = A - B						10.647		32.745	43.391
	GB 07 to GB 08										
	CH70.20	587.720	586.460	586.360			1.360	1.370			
	CH79.00	587.800	586.520	586.420			1.380				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.800	0.750	1.120	5.712		40.090	45.802
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.800	0.750	0.150	0.765		6.581	7.346
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.800	0.750	0.100	0.510		4.388	4.898
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			7.400	0.750	0.100	0.555		4.635	5.190
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.918		7.667	8.585
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
	(a) For Lift 0 to 1.5m	1			7.900			7.900		64.800	72.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.987			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	7.400	0.250	0.250	0.363			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.555			
								0.918			
		Net Qty = A - B						6.069		43.391	49.460
	DWC - 250mm Dia	GULMANDI SUPARI HANUMAN TEMPLE									
	GSH 01 to GSH 02										
	CH0.00	585.870	584.480	584.380			1.490	1.520			
	CH19.70	586.150	584.700	584.600			1.550				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			18.000	1.150	1.250	25.875		45.802	71.677
	(b) For Lift 1.5m to 3.0m	1			18.000	0.750	0.020	0.270		0.000	0.270
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.000	1.150	0.150	3.105		7.346	10.451
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.000	1.150	0.100	2.070		4.898	6.968



Handwritten signature or initials.

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. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			18.300	0.750	0.100	1.373		5.190	6.563
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.270		8.585	10.855
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			18.800			18.800		72.700	91.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							31.320			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	18.300	0.250	0.250	0.898			
	soling							0.000			
	PCC							0.000			
	Murram bedding							1.373			
								2.270			
								29.050		49.460	78.510
	GSH 02 to GSH 03										
	CH19.70	586.150	584.700	584.600			1.550				
	CH26.50	586.270	584.800	584.700			1.570	1.560			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			4.800	1.150	1.250	6.900		71.677	78.577
	(b) For Lift 1.5m to 3.0m	1			4.800	0.750	0.060	0.216		0.270	0.486
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			4.800	1.150	0.150	0.828		10.451	11.279
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.800	1.150	0.100	0.552		6.968	7.520
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.400	0.750	0.100	0.405		6.563	6.968
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.670		10.855	11.525
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			5.900			5.900		91.500	97.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.496			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	5.400	0.250	0.250	0.265			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.405			
								0.670			



Handwritten signature/initials.

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. :-

132

Page 8

Pipe lying MB Gulmandi-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.500	0.750	0.100	0.788		7.680	8.468
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.303		12.704	14.007
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			11.000			11.000		107.400	118.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							17.133			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	10.500	0.250	0.250	0.515			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.788			
								1.303			
								Net Qty = A - B			
	GSH 05 to GSH 06							15.831		100.844	116.674
	CH49.30	586.645	585.260	585.160							
	CH59.50	586.610	585.685	585.585			1.485				
							1.025	1.255			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.200	0.750	1.005	6.181		105.602	111.783
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.200	0.750	0.150	0.923		14.522	15.445
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.200	0.750	0.100	0.615		9.682	10.297
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.800	0.750	0.100	0.660		8.468	9.128
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.092		14.007	15.098
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.300			9.300		118.400	127.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.718			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	8.800	0.250	0.250	0.432			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.660			
								1.092			
								Net Qty = A - B		116.674	123.301
								6.627			



Handwritten signature/initials.

Name of work: Completion of Underground Sewerage Collection system for Zone I to VI and Zone VIII. All Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zaha, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, Ward No. 98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP-D6 pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No. 98 to STP for Aurangabad City.

Pipe lying MB Gulmandi-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							
	GSH 06 to GSH 07										
	CH59.50	586.610	585.685	585.585			1.025	0.923			
	CH68.15	586.750	586.030	585.930			0.820				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.650	0.750	0.673	3.354		111.783	115.137
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.650	0.750	0.150	0.748		15.445	16.193
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.650	0.750	0.100	0.499		10.297	10.795
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			7.250	0.750	0.100	0.544		9.128	9.671
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.899		15.098	15.998
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
	(a) For Lift 0 to 1.5m	1			7.750			7.750		127.700	135.450
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.601			
	Deduction of 250mm dia pipe pipe area	1.000		0.785	7.250	0.250	0.250	0.356			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.544			
								0.899			
	Net Qty = A - B							3.702		123.301	127.002
	GSH 08 to GSH 09										
	CH0.00	586.550	585.950	585.850			0.700	0.850			
	CH8.20	586.450	585.550	585.450			1.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.200	0.750	0.600	2.790		115.137	117.927
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.200	0.750	0.150	0.698		16.193	16.890
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.200	0.750	0.100	0.465		10.795	11.260
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			6.800	0.750	0.100	0.510		9.671	10.181



Handwritten signature or initials.

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. :- 136
Page No. :-

Page 12

Pipe lying MB Gulmandi-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							
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.300			8.300		156.550	164.850
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.170			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	7.800	0.250	0.250	0.383			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.585			
								0.968			
								Net Qty = A - B			
	GSH 12 to GSH 13							5.202		138.557	143.759
	CH33.00	586.180	585.160	585.060				1.120			
	CH36.30	586.170	585.060	584.960				1.210		1.165	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.600	0.750	0.915	1.098		130.605	131.703
	(b) For Lift 1.5m to 3.0m	1			1.600	0.750	0.000	0.000		0.875	0.875
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.600	0.750	0.150	0.180		19.005	19.185
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.600	0.750	0.100	0.120		12.670	12.790
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.900	0.750	0.100	0.143		11.726	11.869
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.236		19.397	19.633
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			2.400			2.400		164.850	167.250
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.398			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	1.900	0.250	0.250	0.093			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.143			
								0.236			
								Net Qty = A - B			
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.170			0.17		143.759	144.922



TPK 10

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. :-

133

Page No. :-

Page 2

Manhole MB Gulmandi-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							
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.910	0.961			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.439			
		Net Qty = A - B									
	GB 04							2.204		2.391	4.595
	CH38.50	586.820	585.720	585.470			1.350				
	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		5.997	9.451
	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	0.150	0.471		0.942	1.413
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock 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							1.640		2.973	4.612
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.239			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.100	1.162			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.640			
		Net Qty = A - B									
	GB 05							2.599		4.595	7.194
	CH50.90	587.350	586.180	585.930			1.420				
	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	1.170	3.674		9.451	13.125
	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	0.150	0.471		1.413	1.884
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock 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							1.713		4.612	6.326
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.459			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.170	1.236			



MPH JO

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up-to Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.713			
		Net Qty = A - B								7.194	9.940
	GB 06										
	CH55.20	587.490	586.420	586.170			1.320				
	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	1.070	3.360	13.125	16.485	
	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	0.150	0.471	1.884	2.355	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	1.256	1.570	
	Item No. : 11 Transportation of earth Transportation charges							1.608	6.326	7.934	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.145			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.070	1.130			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.608			
		Net Qty = A - B								9.940	12.476
	GB 07										
	CH70.20	587.720	586.460	586.210			1.510				
	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	1.250	3.925	16.485	20.410	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.010	0.031	0.000	0.031	
	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	0.150	0.471	2.355	2.826	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	1.570	1.884	
	Item No. : 11 Transportation of earth Transportation charges							1.809	7.934	9.742	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.741			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.260	1.331			
	soling							0.000			



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. :-

14

Page 4

Manhole MB Gulmandi-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							
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murram bedding							0.000			
	Total (B)							1.809			
		Net Qty = A - B								12.476	15.409
	GB 08										
	CH79.00	587.800	586.520	586.270			1.530				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925	20.410	24.335	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.030	0.094	0.031	0.126	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	2.826	3.297	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock 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							1.830	9.742	11.572	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.804			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.280	1.352			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murram bedding							0.000			
	Total (B)							1.830			
		Net Qty = A - B								15.409	18.384
	DWC - 250mm Dia	GULMANDI SUPARI HANUMAN TEMPLE									
	GSH 02										
	CH19.70	586.150	584.700	584.450			1.700				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925	24.335	28.260	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.200	0.628	0.126	0.754	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	3.297	3.768	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock 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							2.009	11.572	13.581	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.338			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.450	1.532			



Handwritten signature or initials.

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, Zaha, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, 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. :-

141

Manhole MB Gulmandi-03

pg 5

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.009			
		Net Qty = A - B								18.384	21.713
	GSH 03										
	CH26.50	586.270	584.800	584.550			1.720				
	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	1.250	3.925	28.260	32.185	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.220	0.691	0.754	1.444	
	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	0.150	0.471	3.768	4.239	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.512	2.826	
	Item No. : 11 Transportation of earth Transportation charges							2.030	13.581	15.611	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.401			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.470	1.553			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.030			
		Net Qty = A - B								21.713	25.083
	GSH 04										
	CH37.40	586.500	585.070	584.820			1.680				
	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	1.250	3.925	32.185	36.110	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.180	0.565	1.444	2.010	
	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	0.150	0.471	4.239	4.710	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.826	3.140	
	Item No. : 11 Transportation of earth Transportation charges							1.988	15.611	17.599	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.275			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.430	1.511			



Handwritten initials or signature.

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

Book No. :- 142
Page No. :-

Page 6

Manhole MB Gulmandi-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							
	soling										
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.988			
		Net Qty = A - B									
	GSH 05							3.287			
	CH49.30	586.645	585.260	585.010			1.635				
	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	1.250	3.925		36.110	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.135	0.424		2.010	
	Total									40.035	
	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	0.150	0.471		4.710	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.140	
	Total									3.454	
	Item No. : 11 Transportation of earth Transportation charges							1.941		17.599	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.134			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.385	1.463			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.941			
		Net Qty = A - B									
	GSH 06							3.193			
	CH59.50	586.610	585.685	585.435			1.175				
	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	0.925	2.905		40.035	
	Total									42.940	
	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	0.150	0.471		5.181	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.454	
	Total									3.768	
	Item No. : 11 Transportation of earth Transportation charges							1.455		19.540	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.690			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.925	0.977			
	soling							0.000			



Handwritten signature or initials.

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, Zaha, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, 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. :- 143

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.455			
		Net Qty = A - B								31.564	33.798
	GSH 07										
	CH68.15	586.750	586.030	585.780				0.970			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.720	2.261	42.940	45.200	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	5.652	6.123	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	3.768	4.082	
	Item No. : 11 Transportation of earth Transportation charges							1.238	20.995	22.233	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.046			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.720	0.761			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.238			
		Net Qty = A - B								33.798	35.606
	GSH 08										
	CH0.00	586.550	585.950	585.700				0.850			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.600	1.894	45.200	47.084	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	6.123	6.594	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	4.082	4.396	
	Item No. : 11 Transportation of earth Transportation charges							1.111	22.233	23.344	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.669			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.600	0.634			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			



MPH JS

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, Zaha, Padegaon. CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/PI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurore. C.C.

Book No. :-
Page No. :-

145

Page 9

Manhole MB Gulmandi-05

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	GSH 11										
	CH23.80	586.375	585.310	585.060			1.315				
	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	1.065	3.344	53.396	56.740	
	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	0.150	0.471	7.536	8.007	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	5.024	5.338	
	Item No. : 11 Transportation of earth Transportation charges							1.603	26.422	28.025	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.129			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.065	1.125			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.603			
								Net Qty = A - B	2.527	41.967	44.493
	GSH 12										
	CH33.00	586.180	585.160	584.910			1.270				
	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	1.020	3.203	56.740	59.943	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	2.433	2.433	
	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	0.150	0.471	8.007	8.478	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	5.338	5.652	
	Item No. : 11 Transportation of earth Transportation charges							1.555	28.025	29.580	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.968			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.020	1.077			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.555			
								Net Qty = A - B	2.433	44.493	46.926



MW JE

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 Nakshirawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, 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. :-

146

Page No. :-

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

Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01/10/2014

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

10

Page 1

Manhole Details Gulmandi-03

9th R A BILL MEASURMENTS CHEMBER DETAILS GULMANDI-03

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30 cm
		No				
		GL	IL	DEPTH		
A	Extra Item No. 02 : Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete					
1	GULMANDI-03					
1	GB 02	586.370	585.370	1.000	1.500	-0.500
2	GB 03	586.580	585.670	0.910	1.500	-0.590
3	GB 04	586.820	585.720	1.100	1.500	-0.400
4	GB 05	587.350	586.180	1.170	1.500	-0.330
5	GB 06	587.490	586.420	1.070	1.500	-0.430
6	GB 07	587.720	586.460	1.260	1.500	-0.240
7	GB 08	587.800	586.520	1.280	1.500	-0.220
8	GSH 02	586.150	584.700	1.450	1.500	-0.050
9	GSH 03	586.270	584.800	1.470	1.500	-0.030
10	GSH 04	586.500	585.070	1.430	1.500	-0.070
11	GSH 05	586.645	585.260	1.385	1.500	-0.115
12	GSH 06	586.610	585.685	0.925	1.500	-0.575
13	GSH 07	586.750	586.030	0.720	1.500	-0.780
14	GSH 08	586.550	585.950	0.600	1.500	-0.900
15	GSH 09	586.450	585.550	0.900	1.500	-0.600
16	GSH 10	586.520	585.410	1.110	1.500	-0.390
17	GSH 11	586.375	585.310	1.065	1.500	-0.435
18	GSH 12	586.180	585.160	1.020	1.500	-0.480
TOTAL					-7.135	-23.783

-23



Handwritten signature or initials.

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. :-

147

Page No. :-

Name of Agent :- Kharadi Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Authority No. AMC / 184 Date 01.07.2014

City Gulmandi-03

Quantity Abstract
Gulmandi-03

Sr. No.	Description	MB/PG	ITEM 1		ITEM 2	ITEM 4	ITEM 7	ITEM 11	ITEM 13				ITEM 30	ITEM 35	Extra Item 2 0-1.5 m	Extra Item 2.a Rebate
			0-1.5	1.5-3.0					200mm	250mm	315mm	200mm				
1	For Pipe		131,703	0,875	19,385	12,790	11,809	19,033	167,250	167,250	167,250	167,250	0,170	18,000		
2	For Manhole		59,943	2,433	8,478	5,652	29,380	40,233	167,250	167,250	167,250	191,848	0,170	18,000	-23,783	
	Total		191,646	3,309	27,863	18,442	11,809	40,233	0,000	167,250	0,000	191,848	0,170	18,000	-23,783	







 CLIENT


 Dy. Engineer


 Ex. Engineer

Total up to Date

10

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, Zaha, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, 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. :- 149
Page No. :-

2

Sillekhana Nutan Colony Measurement Sillekhana

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. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.800	0.815	0.050	0.073		0.330	0.403
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.400	0.815	0.100	0.196		0.709	0.905
	Item No. : 11 Transportation of earth Transportation charges							0.383		1.387	1.769
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			2.900			2.900		9.200	12.100
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.254			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	2.400	0.315	0.315	0.187			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.196			
								0.383			
								0.872		4.654	5.525
	Net Qty = A - B										
	S 03 TO S 04										
	CH13.90	567.240	566.530	566.430				0.810			
	CH20.40	567.260	566.710	566.610				0.650	0.730		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.500	0.815	0.680	2.494		6.891	9.385
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.500	0.815	0.050	0.183		0.403	0.587
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.100	0.815	0.100	0.416		0.905	1.320
	Item No. : 11 Transportation of earth Transportation charges							0.813		1.769	2.582
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			5.600			5.600		12.100	17.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.677			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	5.100	0.315	0.315	0.397			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.416			



Handwritten signature or initials.

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. :-

M. S. Infrastructures Pvt Ltd. & GECPI (Joint Venture)

3

Sillekhana Nutan Colony Measurment Sillekhana

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
							0.813				
		Net Qty = A - B						1.864		5.525	7.390
	S 04 TO S 05										
	CH20.40	567.260	566.710	566.610			0.650	0.750			
	CH26.40	567.560	566.810	566.710			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			4.000	0.815	0.700	2.282		9.385	11.667
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.815	0.050	0.163		0.587	0.750
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			4.600	0.815	0.100	0.375		1.320	1.695
	Item No. : 11 Transportation of earth Transportation charges							0.733		2.582	3.315
	Item No. 13 :- (d) Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			5.100			5.100		17.700	22.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.445			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	4.600	0.315	0.315	0.358			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.375			
								0.733			
		Net Qty = A - B						1.712		7.390	9.102
	S 05 TO S 06										
	CH26.40	567.560	566.810	566.710			0.850	0.945			
	CH31.80	567.840	566.900	566.800			1.040				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.400	0.750	0.895	2.282		11.667	13.949
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.400	0.750	0.050	0.128		0.750	0.877
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			4.000	0.750	0.100	0.300		1.695	1.995
	Item No. : 11 Transportation of earth Transportation charges							0.496		3.315	3.812



TYPE JE

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. :-

5

Sillekhana Nutan Colony Measurment Sillekhana

Date	Particulars of work	DETAILS						Content of arrears	Last measurment.		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			3.400	0.750	1.005	2.563		15.005	17.567
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.400	0.750	0.050	0.128		0.930	1.057
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.000	0.750	0.100	0.300		2.145	2.445
	Item No. : 11 Transportation of earth Transportation charges							0.496		4.060	4.556
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			4.500			4.500		7.000	11.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.690			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	4.000	0.250	0.250	0.196			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.300			
								0.496			
								2.194		11.875	14.069
	S 08 TO S 09										
	CH40.60	568.220	567.280	567.180			1.040				
	CH49.90	568.400	567.520	567.420			0.980	1.010			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.300	0.750	0.960	5.256		17.567	22.823
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.300	0.750	0.050	0.274		1.057	1.331
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.900	0.750	0.100	0.593		2.445	3.038
	Item No. : 11 Transportation of earth Transportation charges							0.980		4.556	5.536
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.400			8.400		11.500	19.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.530			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	7.900	0.250	0.250	0.388			
	soling							0.000			
	PCC							0.000			



TPK JLF

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, Zaha, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, 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.

6 Sillekhana Nutan Colony Measurement Sillekhana

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							0.593			
								0.980			
		Net Qty = A - B						4.550	14.069	18.618	
	S 09 TO S 10										
	CH49.90	568.400	567.520	567.420			0.980	0.925			
	CH58.80	568.810	568.040	567.940			0.870				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.900	0.750	0.875	4.528	22.823	27.352	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.900	0.750	0.050	0.259	1.331	1.590	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.500	0.750	0.100	0.563	3.038	3.600	
	Item No. : 11 Transportation of earth Transportation charges							0.930	5.536	6.467	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.000			8.000	19.900	27.900	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.787			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	7.500	0.250	0.250	0.368			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.563			
								0.930			
		Net Qty = A - B						3.856	18.618	22.475	
	S 11 TO S 12										
	CH65.20	568.790	568.250	568.150			0.640	0.685			
	CH71.60	568.660	568.030	567.930			0.730				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.400	0.750	0.635	2.096	27.352	29.447	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.400	0.750	0.050	0.165	1.590	1.755	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.000	0.750	0.100	0.375	3.600	3.975	
	Item No. : 11 Transportation of earth Transportation charges							0.620	6.467	7.087	



TPK JG

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. :- 155
Page No. :-

9

Sillekhana Nutan Colony Measurement Sillekhana

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murum bedding							0.345			
								0.571			
		Net Qty = A - B						2.714	25.258	27.972	
	S 15 TO S 16										
	CH84.30	569.440	568.250	568.150			1.290	1.270			
	CH92.60	568.940	567.790	567.690			1.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.300	0.750	1.220	5.765	34.108	39.872	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.300	0.750	0.050	0.236	2.006	2.242	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.900	0.750	0.100	0.518	4.613	5.130	
	Item No. : 11 Transportation of earth Transportation charges							0.856	8.141	8.997	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			7.400			7.400	43.400	50.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.001			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	6.900	0.250	0.250	0.339			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.518			
								0.856			
		Net Qty = A - B						5.145	27.972	33.117	
	S 16 TO S 17										
	CH92.60	568.940	567.790	567.690			1.250	1.285			
	CH98.20	568.520	567.300	567.200			1.320				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.600	0.750	1.235	3.335	39.872	43.207	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.600	0.750	0.050	0.135	2.242	2.377	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.200	0.750	0.100	0.315	5.130	5.445	
	Item No. : 11 Transportation of earth Transportation charges							0.521	8.997	9.518	



7/10/20

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. :- 157
Page No. :-

(Joint Signature)

10

Sillekhana Nutan Colony Measurement Sillekhana

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. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			4.700			4.700		50.800	55.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.470			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	4.200	0.250	0.250	0.206			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.315			
								0.521			
								Net Qty = A - B		33.117	36.065
	S 17 TO S 18										
	CH98.20	568.520	567.300	567.200			1.320				
	CH105.60	568.090	566.890	566.790			1.300	1.310			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			5.400	0.750	1.260	5.103		43.207	48.310
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			5.400	0.750	0.050	0.203		2.377	2.580
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			6.000	0.750	0.100	0.450		5.445	5.895
	Item No. : 11 Transportation of earth Transportation charges							0.744		9.518	10.263
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			6.500			6.500		55.500	62.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.306			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	6.000	0.250	0.250	0.294			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.450			
								0.744			
								Net Qty = A - B		36.065	40.626
	S 18 TO S 19										
	CH105.60	568.090	566.890	566.790			1.300				
	CH120.10	567.750	567.000	566.900			0.850	1.075			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										



Handwritten signature/initials.

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; Erecting, 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. :-

11

Sillekhana Nutan Colony Measurement Sillekhana

Date	Particula of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			12.500	0.750	1.025	9.609		48.310	57.919
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.500	0.750	0.050	0.469		2.580	3.049
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.100	0.750	0.100	0.983		5.895	6.878
	Item No. : 11 Transportation of earth Transportation charges							1.625		10.263	11.888
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			13.600			13.600		62.000	75.600
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=-							10.078			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	13.100	0.250	0.250	0.643			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.983			
								1.625			
								Net Qty = A - B			
	S 19 TO S 20							8.453		40.626	49.079
	CH120.10	567.750	567.000	566.900							
	CH127.60	567.670	566.870	566.770			0.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.						0.900	0.875			
	(a) For Lift 0 to 1.5m	1			5.500	0.750	0.675	2.784		57.919	60.703
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.750	0.200	0.825		3.049	3.874
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.100	0.750	0.100	0.458		6.878	7.335
	Item No. : 11 Transportation of earth Transportation charges							0.757		11.888	12.645
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			6.600			6.600		75.600	82.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=-							3.609			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	6.100	0.250	0.250	0.299			
	soling							0.000			
	PCC							0.000			



Handwritten signature or initials.

12

Silekhana Nutan Colony Measurement Silekhana

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EXL							
	Murrum bedding						0.458				
							0.757				
		Net Qty = A - B						2.853	49.079	51.932	
	S 20 TO S 21										
	CH127.60	567.670	566.870	566.770			0.900	1.020			
	CH134.60	567.040	566.000	565.900			1.140				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.750	0.820	3.075	60.703	63.778	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.750	0.200	0.750	3.874	4.624	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			5.600	0.750	0.100	0.420	7.335	7.755	
	Item No. : 11 Transportation of earth Transportation charges							0.695	12.645	13.340	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
	(a) For Lift 0 to 1.5m	1			6.100			6.100	82.200	88.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.825			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	5.600	0.250	0.250	0.275			
	soiling							0.000			
	POC							0.000			
	Murrum bedding							0.420			
								0.695			
		Net Qty = A - B						3.130	51.932	55.062	
	S 21 TO S 22										
	CH134.60	567.040	566.000	565.900			1.140	1.095			
	CH145.90	566.760	565.810	565.710			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.300	0.750	0.895	6.243	63.778	70.021	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.300	0.750	0.200	1.395	4.624	6.019	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			9.900	0.750	0.100	0.743	7.755	8.498	
	Item No. : 11 Transportation of earth Transportation charges							1.228	13.340	14.568	



17/05/20

