

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. : 001
Page No. :-

Page 7 of 7

Indra Nagar to Bhajipura-Meas. DWC

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. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						1.626				
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	2.000	0.315	0.315	0.156			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.163			
							0.319				
		Net Qty = A - B						1.307	115.429	116.736	
	IB 10 to IB 11										
	CH97.40	585.140	583.840	583.740			1.400				
	CH108.30	585.170	583.970	583.870			1.300	1.350			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.815	1.100	8.248	86.038	94.285	
	(b) For Lift 1.5m to 3.0m	1			9.200	0.815	0.000	0.000	25.482	25.482	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.815	0.150	1.125	11.151	12.276	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.815	0.100	0.750	7.434	8.184	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.500	0.815	0.100	0.774	6.835	7.610	
	Item No. : 11 Transportation of earth Transportation charges							1.514	13.368	14.882	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.000			10.000	88.370	98.370	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							10.122			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	9.500	0.315	0.315	0.740			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.774			
								1.514			
		Net Qty = A - B						8.608	116.736	125.344	
	Item No. : 35 Shifting of Existing Utilities Length considered up to 400 mm including all and as directed by Engineer In-Charge				0.090			0.090		0.090	



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			0.785	7.075	0.150	0.833		0.833	1.666	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		0.555	1.111	
	Item No. : 11 Transportation of earth Transportation charges							4.230		5.065	9.294	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation(A)=							15.717				
	Deduction											
	Brick work	1		0.785	1.310	1.310	2.580	3.476				
	soling							0.000				
	PCC	1		0.785	1.960	1.960	0.250	0.754				
	Murrum bedding							0.000				
	Total (B)							4.230				
		Net Qty = A - B										
								11.488		14.096	25.584	
	IB 04											
	CH35.30	583.730	582.130	581.880			1.850					
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.250	6.942		13.885	20.827	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.350	1.944		18.217	20.161	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833		1.666	2.499	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		1.111	1.666	
	Item No. : 11 Transportation of earth Transportation charges							2.909		9.294	12.204	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation(A)=							10.275				
	Deduction											
	Brick work	1		0.785	1.310	1.310	1.600	2.155				
	soling							0.000				
	PCC	1		0.785	1.960	1.960	0.250	0.754				
	Murrum bedding							0.000				
	Total (B)							2.909				
		Net Qty = A - B										
								7.365		25.584	32.949	



and Zone Salt, Air, Cooling, Heating, 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/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	IB 05										
	CH47.40	583.130	582.190	581.940			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			0.785	4.000	0.940	2.952	20.827	23.779	
	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	2.499	2.970	
	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	1.666	1.980	
	Item No. : 11 Transportation of earth Transportation charges							1.471	12.204	13.674	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.737			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.940	0.993			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.471			
					Net Qty = A - B			2.266	32.949	35.215	
	IB 06										
	CH59.90	583.580	582.230	581.980			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	23.779	28.018	
	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	2.970	3.441	
	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	1.980	2.294	
	Item No. : 11 Transportation of earth Transportation charges							1.904	13.674	15.578	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.024			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.350	1.426			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.904			
					Net Qty = A - B			3.120	35.215	38.336	



Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Total (B)						1.851				
		Net Qty = A - B					3.016		40.935	43.952	
	IB 09										
	CH94.00	585.080	583.730	583.480			1.600				
	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	1.350	4.239	35.554	39.793	
	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	4.383	4.854	
	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	2.922	3.236	
	Item No. : 11 Transportation of earth Transportation charges							1.904	19.068	20.972	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.024				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.350	1.426			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)						1.904				
		Net Qty = A - B					3.120		43.952	47.072	
	IB 10										
	CH97.40	585.140	583.840	583.590			1.550				
	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	1.300	4.082	39.793	43.875	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	20.161	20.161	
	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	4.854	5.325	
	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	3.236	3.550	
	Item No. : 11 Transportation of earth Transportation charges							1.851	20.972	22.822	



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.

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						4.867				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.300	1.373			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.851			
				Net Qty = A - B				3.016		47.072	50.088



9th R A BILL MEASURMENTS CHEMBER DETAILS INDRA NAGAR TO BHAIJIPURA

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 2.0 mtr	Total Rebate Q for 50 cr
		No				
		GL	IL	DEPTH	For per 50 cm	
A	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					
1	INDRA NAGAR TO BHAIJIPURA					
1	IB 02	585.220	582.020	3.200	2.000	1.200
2	IB 03	584.630	582.050	2.580	2.000	0.580
3	IB 04	583.730	582.130	1.600	2.000	-0.400
	TOTAL				1.380	2.760
SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr	Total Rebate Q for 30 cr
		No				
		GL	IL	DEPTH	For per 30 cm	
B	Extra Item No. 2 : 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	INDRA NAGAR TO BHAIJIPURA					
1	IB 05	583.130	582.190	0.940	1.500	-0.560
2	IB 06	583.580	582.230	1.350	1.500	-0.150
3	IB 07	583.430	582.330	1.100	1.500	-0.400
4	IB 08	584.870	583.570	1.300	1.500	-0.200
5	IB 09	585.080	583.730	1.350	1.500	-0.150
6	IB 10	585.140	583.840	1.300	1.500	-0.200
	TOTAL				-1.660	-5.533



9th R A BILL MEASURMENTS DWC PIPE BAIJIPURA(INDRANAGAR)

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 315 mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
	BJ0 TO BJ01	INDIRANAGAR BAIJIPURA(Part-I)									
	CH0.00	582.050	580.350	580.250			1.800	1.720			
	CH12.90	582.250	580.710	580.610			1.640				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	1.215	1.500	20.412	0.000	20.412	
	(b) For Lift 1.5m to 3.0m	1			11.200	0.815	0.220	2.008	0.000	2.008	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.500	0.815	0.100	0.937	0.000	0.937	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.833	0.000	1.833	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			12.000			12.000	0.000	12.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							22.420			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	11.500	0.315	0.315	0.90			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.94			
								1.83			
								Net Qty = A - B	20.59	0.000	20.587
	BJ01 TO BJ02										
	CH12.90	582.250	580.710	580.610			1.640	1.550			
	CH16.00	582.210	580.850	580.750			1.460				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			1.100	0.815	1.500	1.345	20.412	21.757	
	(b) For Lift 1.5m to 3.0m	1			1.100	0.815	0.050	0.045	2.008	2.053	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.700	0.815	0.100	0.139	0.937	1.076	



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. :-

011

Page 2

Pipe Lying MB Bhaijipura-Indranagar

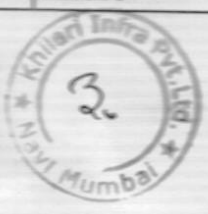
Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.271	1.833	2.104	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			2.200			2.200	12.000	14.200	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.390			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	1.700	0.315	0.315	0.13			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.14			
								0.27			
		Net Qty = A - B							1.12	20.587	21.706
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.014					0.014	



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

9th RA BILL MEASUREMENTS DWC PIPE BAIJIPURA(INDRANAGAR)

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
GL	IL	EX.L									
	DWC - 315 mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
	IB 01 TO IB 02	INDIRANAGAR BAIJIPURA(Part-II)									
	CH0.00	584.950	583.730	583.630			1.320	1.205			
	CH10.90	584.420	583.430	583.330			1.090				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.500	0.815	0.955	7.394	21.757	29.151	
	(b) For Lift 1.5m to 3.0m	1			9.500	0.815	0.000	0.000	2.053	2.053	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.500	0.815	0.200	1.549	0.000	1.549	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.500	0.815	0.050	0.387	0.000	0.387	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.500	0.815	0.100	0.774	1.076	1.850	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.514	2.104	3.618	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.000			10.000	14.200	24.200	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							9.330			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	9.500	0.315	0.315	0.74			
	soiling							0.00			
	PCC							0.00			
	Murrum bedding							0.77			
								1.51			
								7.82	21.71	29.52	
	Net Qty = A - B										
	IB 02 TO IB 03										
	CH10.90	584.420	583.430	583.330			1.090	1.055			
	CH22.90	584.030	583.110	583.010			1.020				



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 Nakhstrawadi (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 Nakhstrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-
Page No. :-

013

Page 2

Pipe Lying MB Bhajipura-Indranagar

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.815	0.805	6.954	29.151	36.105	
	(b) For Lift 1.5m to 3.0m	1			10.600	0.815	0.000	0.000	2.053	2.053	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.815	0.200	1.728	1.549	3.276	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.815	0.050	0.432	0.387	0.819	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.600	0.815	0.100	0.864	1.850	2.714	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.690	3.618	5.308	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			11.100			11.100	24.200	35.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							9.114			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	10.600	0.315	0.315	0.83			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.86			
								1.69			
								7.42	29.52	36.95	
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.035				0.014	0.049	



9th R A BILL MEASURMENTS DWC CHEMBER BAIJIPURA(INDRANAGAR)

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 - 315mm Dia										
	Excavation of Chamber - For 0.9 mt. Dia of chamber up to Depth of 1.5mt.- 0.9+0.5+0.3+0.3=2.0m										
	Area for chember up to Depth of 2m= 2 * 2=4m										
	BJ01	INDIRANAGAR BAIJIPURA(Part-I)									
	CH12.90	582.250	580.710	580.460			1.790				
	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	1.500	4.710	0.000	4.710	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.290	0.911	0.000	0.911	
	Item No. : 11 Transportation of earth Transportation charges							2.104	0.000	2.104	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.621			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.540	1.63			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							2.10			
								Net Qty = A - B			
	BJ02							3.52	0.00	3.52	
	CH16.00	582.210	580.850	580.600			1.610				
	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	1.500	4.710	4.710	9.420	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.110	0.345	0.911	1.256	
	Item No. : 11 Transportation of earth Transportation							1.914	2.104	4.018	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.055			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.360	1.44			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.91			
								Net Qty = A - B			
								3.14	3.52	6.66	



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. :-

015

Page 1

Manhole Details Bhaijipura-Indranagar

9th RA BILL MEASURMENTS CHEMBER DETAILS BAIJIPURA(INDRANAGAR)

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5		Total Rebate Qty for 30 cm
		No			For per 30 cm		
		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	KUWARFALLI						
1	BJ01	582.250	580.710	1.540	1.5	0.040	-0.333
2	BJ02	582.210	580.850	1.360	1.5	-0.140	
	Total					-0.100	-0.333



QUANTITY ABSTRACT

BAIJIPURA(INDRANAGAR)

SR NO	Description	MB/PG	ITEM 1		ITEM 2		ITEM 4		ITEM 7		ITEM 11		ITEM 12		ITEM 13		ITEM 30		ITEM 35		Extra Item 2		Extra Item 2.a		
			0-1.5	1.5-3.0	0-1.5	0-1.5	0-1.5	0-1.5	0-1.5	0-1.5	0-1.5	0-1.5	315mm	315mm	315mm	315mm	315mm	315mm	0-1.5 m	Rebate					
1	For Pipe		36.105	2.053	3.276	0.819	2.714	5.308	35.300	36.946	0.049														
2	For Manhole		9.420	1.256	0.000	0.000	4.018			6.658												2.000		-0.333	
Total			45.525	3.309	3.276	0.819	2.714	9.326	35.300	43.603	0.049										2.000		-0.333		

CONTRACTOR



Authorized Signatory

PMC



Project Engineer



Project Manager

[Signature]

Jr. Engineer

[Signature]

Dy. Engineer

[Signature]

Ex. Engineer

[Signature]

CLIENT

Quantity	Total up to Date
9	10

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.000	0.815	1.400	10.269		2.282	12.551
	(b) For Lift 1.5m to 3.0m	1			9.000	0.815	0.070	0.513		0.155	0.668
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.000	0.815	0.100	0.734		0.163	0.897
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.600	0.815	0.100	0.782		0.212	0.994
	Item No. : 11 Transportation of earth Transportation charges							1.530		0.414	1.945
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.100			10.100		3.100	13.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.516			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	9.600	0.315	0.315	0.748			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.782			
								1.530			
								9.986		2.19	12.17
	Net Qty = A - B										
	M3 to M4										
	CH15.00	582.683	581.093	580.993			1.690	1.535			
	CH21.80	582.503	581.223	581.123			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			4.800	0.815	1.400	5.477		12.551	18.028
	(b) For Lift 1.5m to 3.0m	1			4.800	0.815	0.035	0.137		0.668	0.805
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.800	0.815	0.100	0.391		0.897	1.288
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.400	0.815	0.100	0.440		0.994	1.434
	Item No. : 11 Transportation of earth Transportation charges							0.861		1.945	2.805



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, 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 Nakshirawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 020
Page No. :-

Page 4

Pipe Lying MB Roshan Gate (Muzeeb Colony, Sharif Colony)

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Murrum bedding						0.683				
							1.129				
		Net Qty = A - B						7.190	17.32	24.51	
	M5 to M6										
	CH32.30	582.383	581.253	581.153			1.230				
	CH38.90	582.303	581.253	581.153			1.150				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.750	0.990	3.415	25.072	28.488	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.750	0.200	0.690	1.275	1.965	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			5.200	0.750	0.100	0.390	2.117	2.507	
	Item No. : 11 Transportation of earth Transportation charges							0.645	3.934	4.579	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			5.700			5.700	9.600	15.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.105			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	5.200	0.250	0.250	0.255			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.390			
								0.645			
		Net Qty = A - B						3.460	24.51	27.97	
	M6 to M7										
	CH38.90	582.303	581.253	581.153			1.150	1.215			
	CH45.50	582.583	581.403	581.303			1.280				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.750	1.015	3.502	28.488	31.989	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.750	0.200	0.690	1.965	2.655	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			5.200	0.750	0.100	0.390	2.507	2.897	



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.

Pipe Lying MB Roshan Gate (Muzeeb Colony, Sharif Colony)

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B	D		Page	Quantity		
		GL	IL	EX.L								
	Item No. : 11 Transportation of earth Transportation charges							0.645		4.579	5.225	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			5.700			5.700		15.300	21.000	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							4.192				
	Deduction of 250mm dia pipe											
	pipe area	1.00		0.785	5.200	0.250	0.250	0.255				
	soling							0.000				
	PCC							0.000				
	Murum bedding							0.390				
								0.645				
		Net Qty = A - B										
	M7 to M8							3.547		27.97	31.51	
	CH45.50	582.583	581.403	581.303								
	CH54.60	582.753	581.673	581.573				1.280				
								1.180		1.230		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.											
	(a) For Lift 0 to 1.5m	1			7.100	0.750	1.030	5.485		31.989	37.474	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			7.100	0.750	0.200	1.065		2.655	3.720	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.700	0.750	0.100	0.578		2.897	3.474	
	Item No. : 11 Transportation of earth Transportation charges							0.955		5.225	6.180	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.200			8.200		21.000	29.200	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							6.550				
	Deduction of 250mm dia pipe											
	pipe area	1.00		0.785	7.700	0.250	0.250	0.378				
	soling							0.000				
	PCC							0.000				
	Murum bedding							0.578				
								0.955				
		Net Qty = A - B										
	M8 to M9							5.594		31.51	37.11	
	CH54.60	582.753	581.673	581.573				1.180				



Pipe Lying MB Roshan Gate (Muzeeb Colony, Sharif Colony)

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	CH63.90	582.633	581.833	581.733			0.900	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			7.300	0.750	0.840	4.599		37.474	42.073
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.300	0.750	0.200	1.095		3.720	4.815
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			7.900	0.750	0.100	0.593		3.474	4.067
	Item No. : 11 Transportation of earth Transportation charges							0.980		6.180	7.160
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			8.400			8.400		29.200	37.600
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.694			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	7.900	0.250	0.250	0.388			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.593			
								0.980			
								4.714		37.11	41.82
	M9 to M10										
	CH63.90	582.633	581.833	581.733			0.900	0.920			
	CH78.15	582.693	581.853	581.753			0.940				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.250	0.750	0.720	6.615		42.073	48.688
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.250	0.750	0.200	1.838		4.815	6.653
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			12.850	0.750	0.100	0.964		4.067	5.031
	Item No. : 11 Transportation of earth Transportation charges							1.594		7.160	8.754



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. :-

Page 7

Pipe Lying MB Roshan Gate (Muzeeb Colony, Sharif Colony)

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			13.350			13.350	37.600	50.950	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.453			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	12.850	0.250	0.250	0.630			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.964			
								1.594			
								6.858	41.82	48.68	
	Net Qty = A - B										
	M10 to M11										
	CH78.15	582.693	581.853	581.753			0.940	0.920			
	CH85.10	582.653	581.853	581.753			0.900				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.950	0.750	0.720	2.673	48.688	51.361	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.950	0.750	0.200	0.743	6.653	7.395	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.550	0.750	0.100	0.416	5.031	5.447	
	Item No. : 11 Transportation of earth Transportation charges							0.689	8.754	9.443	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			6.050			6.050	50.950	57.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.416			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	5.550	0.250	0.250	0.272			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.416			
								0.689			
								2.727	48.68	51.41	
	Net Qty = A - B										
	M11 to M12										
	CH85.10	582.653	581.853	581.753			0.900	0.820			
	CH91.20	582.563	581.923	581.823			0.740				



Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						1.509				
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	3.300	0.250	0.250	0.162			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.248			
								0.409			
		Net Qty = A - B						1.099	53.34	54.44	
	M13 to M14										
	CH95.90	582.623	581.973	581.873			0.750	0.740			
	CH103.50	582.723	582.093	581.993			0.730				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.600	0.750	0.540	2.268	54.371	56.639	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.600	0.750	0.200	0.840	8.415	9.255	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.200	0.750	0.100	0.465	6.047	6.512	
	Item No. : 11 Transportation of earth Transportation charges							0.769	10.435	11.204	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			6.700			6.700	66.000	72.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.108			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	6.200	0.250	0.250	0.304			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.465			
								0.769			
		Net Qty = A - B						2.339	54.44	56.78	
	M14 to M15										
	CH103.50	582.723	582.093	581.993			0.730	0.720			
	CH112.00	582.823	582.213	582.113			0.710				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										



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			6.500	0.750	0.520	2.535		56.639	59.174
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	0.750	0.200	0.975		9.255	10.230
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.100	0.750	0.100	0.533		6.512	7.044
	Item No. : 11 Transportation of earth Transportation charges							0.881		11.204	12.085
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			7.600			7.600		72.700	80.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.510			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	7.100	0.250	0.250	0.348			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.533			
								0.881			
								2.629		56.78	59.41
	Net Qty = A - B										
	M15 to M16										
	CH112.00	582.823	582.213	582.113			0.710				
	CH120.30	582.943	582.313	582.213			0.730	0.720			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.300	0.750	0.520	2.457		59.174	61.631
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.300	0.750	0.200	0.945		10.230	11.175
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.900	0.750	0.100	0.518		7.044	7.562
	Item No. : 11 Transportation of earth Transportation charges							0.856		12.085	12.941
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			7.400			7.400		80.300	87.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.402			
	Deduction of 250mm dia pipe										



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. :-

Page 14

Pipe Lying MB Roshan Gate (Muzeeb Colony, Sharif Colony)

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.340	1.215	1.400	14.186		152.234	166.420
	(b) For Lift 1.5m to 3.0m	1			8.340	0.815	0.855	5.812		33.967	39.779
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.340	1.215	0.100	1.013		17.953	18.967
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.340	0.815	0.100	0.761		12.435	13.196
	Item No. : 11 Transportation of earth Transportation charges							1.489		22.471	23.960
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			9.840			9.840		80.890	90.730
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							21.011			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	9.340	0.315	0.315	0.728			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.761			
								1.489			
								19.522		187.27	206.79
	Net Qty = A - B										
	R6 to R7										
	CH76.10	585.135	582.835	582.735			2.400	2.385			
	CH87.60	585.205	582.935	582.835			2.370				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.840	1.215	1.400	15.037		166.420	181.457
	(b) For Lift 1.5m to 3.0m	1			8.840	0.815	0.885	6.376		39.779	46.155
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.840	1.215	0.100	1.074		18.967	20.041
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.840	0.815	0.100	0.802		13.196	13.998
	Item No. : 11 Transportation of earth Transportation charges							1.568		23.960	25.528



