

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.

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Page No. :-

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

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

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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							0.189			
								0.313			
		Net Qty = A - B						0.820	68.375	69.195	
	S 21/1 TO S 21/3										
	CH0.00	567.140	566.520	566.420			0.720				
	CH3.50	567.290	566.640	566.540			0.750	0.735			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.025	0.750	0.535	0.813	77.637	78.450	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.025	0.750	0.200	0.304	7.927	8.231	
	Item No. 7 - Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.325	0.750	0.100	0.174	9.587	9.761	
	Item No. : 11 Transportation of earth Transportation charges							0.288	16.370	16.658	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			2.825			2.825	114.725	117.550	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1								22.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.116			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	2.325	0.250	0.250	0.114			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.174			
								0.288			
		Net Qty = A - B						0.828	69.195	70.023	
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.16			0.16		0.16	



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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), Banerwadi, Siddharth Garden, Zaita, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banerwadi, Siddharth Garden, Padegaon, Golwadi, Zaita, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing along main GRP DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

1

Sillekhana Nutan Colony CHEMBER Sillekhana

9th R A BILL MEASUREMENTS DWC CHEMBER SILLEKHANA NUTAN 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							
	DWC - 315mm Dia										
	Excavation of Chamber - For 0.9 dia chamber (upto 1.5m depth)- 0.90+0.50+0.3+0.3=2.0m	2									
	Area for chamber upto 2m-2.0*2.0=4.0m										
	Excavation of Chamber - For 0.9 mt. * 06 mt. square One Side chamber up to Depth of 1.5 mt.-0.9+0.5+0.3+0.3=2m										
	Excavation of Chamber - For 0.9 mt. * 06 mt. square One Side chamber up to Depth of 1.5 mt.-.6+0.5+0.3+0.3=1.7m										
	S 01										
	CH0.00	567.240	566.410	566.160			1.080				
	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	1.030	3.234	0.000	3.234	
	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	0.050	0.157	0.000	0.157	
	Item No. : 11 Transportation of earth Transportation charges including loading & Item No. 30 :- Refilling the excavated trenches ...							1.354	0.000	1.354	
	Total Excavation(A)=							3.391			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.830	0.88			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.35			
								Net Qty = A - B	2.04	0.00	2.04
	S 02										
	CH10.10	567.240	566.440	566.190			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.000	3.400	3.234	6.634	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170	0.157	0.327	



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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

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Sillekhana Nutan Colony CHEMBER 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. : 11 Transportation of earth Transportation charges							1.752		1.354	3.106
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.570			
	Deduction										
	Brick work	1.00			1.400	1.100	0.800	1.23			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murum bedding							0.00			
	Total (B)							1.75			
								1.82		2.04	3.85
	S 03										
	CH13.90	567.240	566.530	566.280			0.960				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.910	3.094		6.634	9.728
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170		0.327	0.497
	Item No. : 11 Transportation of earth Transportation charges							1.613		3.106	4.720
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.264			
	Deduction										
	Brick work	1.00			1.400	1.100	0.710	1.09			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murum bedding							0.00			
	Total (B)							1.61			
								1.65		3.85	5.51
	S 05										
	CH26.40	567.560	566.810	566.560			1.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.950	3.230		9.728	12.958
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170		0.497	0.667
	Item No. : 11 Transportation of earth Transportation charges							1.675		4.720	6.395
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.400			



MK J

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

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Sillekhana Nutan Colony CHEMBER 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							
	Deduction										
	Brick work	1.00			1.400	1.100	0.750	1.16			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murrum bedding							0.00			
	Total (B)							1.68			
		Net Qty = A - B						1.73	5.51	7.23	
	S 06										
	CH31.80	567.840	566.900	566.650			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			2.000	1.700	1.140	3.876	12.958	16.834	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170	0.667	0.837	
	Item No. : 11 Transportation of earth Transportation charges							1.968	6.395	8.362	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.046			
	Deduction										
	Brick work	1.00			1.400	1.100	0.940	1.45			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murrum bedding							0.00			
	Total (B)							1.97			
		Net Qty = A - B						2.08	7.23	9.31	
	S 07										
	CH35.20	568.020	567.050	566.800			1.220				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.170	3.978	16.834	20.812	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170	0.837	1.007	
	Item No. : 11 Transportation of earth Transportation charges							2.014	8.362	10.376	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.148			
	Deduction										
	Brick work	1.00			1.400	1.100	0.970	1.49			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murrum bedding							0.00			
	Total (B)							2.01			



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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.

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Page No. :-

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

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Sillekhana Nutan Colony CHEMBER 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							
		Net Qty = A - B						2.13		9.31	11.44
S 08											
CH40.60		568.220	567.280	567.030			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	1.140	3.580		20.812	24.392
	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	0.050	0.157		1.007	1.164
	Item No. : 11 Transportation of earth Transportation charges							1.471		10.376	11.847
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.737			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.940	0.99			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.47			
		Net Qty = A - B						2.27		11.44	13.71
S 09											
CH49.90		568.400	567.520	567.270			1.130				
	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	1.080	3.391		24.392	27.783
	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	0.050	0.157		1.164	1.321
	Item No. : 11 Transportation of earth Transportation charges							1.407		11.847	13.254
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.548			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.880	0.93			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.41			
		Net Qty = A - B						2.14		13.71	15.85
S 10											
CH58.80		568.810	568.040	567.790			1.020				



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total up to Date

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Silekhana Nutan Colony CHEMSE, Silekhana

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Qty Date Quantity
		GL	No		L	B	D		Page	Quantity	
			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			2.000	1.700	0.970	3.298		27.783	31.081
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170		1.321	1.491
	Item No. : 11 Transportation of earth Transportation charges							1.706		13.254	14.960
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.468			
	Deduction										
	Brick work	1.00			1.400	1.100	0.770	1.19			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murrum bedding							0.00			
	Total (B)							1.71			
	Net Qty = A - B							1.76		15.85	17.61
	S 11										
	CH65.20	568.790	568.250	568.000			0.790				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.740	2.516		31.081	33.597
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170		1.491	1.661
	Item No. : 11 Transportation of earth Transportation charges							1.352		14.960	16.311
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.686			
	Deduction										
	Brick work	1.00			1.400	1.100	0.540	0.83			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murrum bedding							0.00			
	Total (B)							1.35			
	Net Qty = A - B							1.33		17.61	18.95
	S 12										
	CH71.60	568.660	568.030	567.780			0.880				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.830	2.822		33.597	36.419



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

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Sillekhana Nutan Colony CHEMBER Sillekhana

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			2.000	1.700	0.050	0.170		1.661	1.831	
Item No. : 11 Transportation of earth Transportation charges							1.490		16.311	17.801	
Item No. 30 :- Refilling the excavated trenches ...											
Total Excavation(A)=							2.992				
Deduction											
Brick work	1.00			1.400	1.100	0.630	0.97				
soling							0.00				
PCC	1.00			1.600	1.300	0.250	0.52				
Murrum bedding							0.00				
Total (B)							1.49				
	Net Qty = A - B							1.50		18.95	20.45
S 13											
CH75.40	569.550	568.830	568.580				0.970				
Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
(a) For Lift 0 to 1.5m	1			2.000	1.700	0.920	3.128		36.419	39.547	
Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170		1.831	2.001	
Item No. : 11 Transportation of earth Transportation charges							1.629		17.801	19.430	
Item No. 30 :- Refilling the excavated trenches ...											
Total Excavation(A)=							3.298				
Deduction											
Brick work	1.00			1.400	1.100	0.720	1.11				
soling							0.00				
PCC	1.00			1.600	1.300	0.250	0.52				
Murrum bedding							0.00				
Total (B)							1.63				
	Net Qty = A - B							1.67		20.45	22.12
S 14											
CH78.30	569.730	568.930	568.680				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			2.000	1.700	1.000	3.400		39.547	42.947	
Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170		2.001	2.171	

if up to date

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APKJE

Sillekhana Nutan Colony CHEMBER 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. : 11 Transportation of earth Transportation charges						1.752	19.430	21.182		
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						3.570				
	Deduction										
	Brick work	1.00			1.400	1.100	0.800	1.23			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murram bedding							0.00			
	Total (B)						1.75				
		Net Qty = A - B						1.82	22.12	23.94	
	S 15										
	CH84.30	569.440	568.250	568.000			1.440				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.390	4.726	42.947	47.673	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170	2.171	2.341	
	Item No. : 11 Transportation of earth Transportation charges							2.353	21.182	23.535	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						4.896				
	Deduction										
	Brick work	1.00			1.400	1.100	1.190	1.83			
	soling							0.00			
	PCC	1.00			1.600	1.300	0.250	0.52			
	Murram bedding							0.00			
	Total (B)						2.35				
		Net Qty = A - B						2.54	23.94	26.48	
	S 16										
	CH92.60	568.940	567.790	567.540			1.400				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.350	4.590	47.673	52.263	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.050	0.170	2.341	2.511	
	Item No. : 11 Transportation of earth Transportation charges							2.291	23.535	25.826	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						4.760				



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Sillekhana Nutan Colony CHEMBER Sillekhana

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B		D	Page	
	Deduction									
	Brick work	1.00			1.400	1.100	1.150	1.77		
	soling							0.00		
	PCC	1.00			1.600	1.300	0.250	0.52		
	Murum bedding							0.00		
	Total (B)							2.29		
					Net Qty = A - B			2.47	26.48	28.95
	S 17									
	CH98.20	568.520	567.300	567.050			1.470			
	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	1.420	4.459	52.263	56.722
	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	0.050	0.157	2.511	2.668
	Item No. : 11 Transportation of earth Transportation charges							1.766	25.826	27.592
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=							4.616		
	Deduction									
	Brick work	1.00		0.785	1.160	1.160	1.220	1.29		
	soling							0.00		
	PCC	1.00		0.785	1.560	1.560	0.250	0.48		
	Murum bedding							0.00		
	Total (B)							1.77		
					Net Qty = A - B			2.85	28.95	31.80
	S 18									
	CH105.60	568.090	566.890	566.640			1.450			
	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	1.400	4.396	56.722	61.118
	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	0.050	0.157	2.668	2.825
	Item No. : 11 Transportation of earth Transportation charges							1.745	27.592	29.337
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=							4.553		
	Deduction									
	Brick work	1.00		0.785	1.160	1.160	1.200	1.27		
	soling							0.00		
	PCC	1.00		0.785	1.560	1.560	0.250	0.48		
	Murum bedding							0.00		
	Total (B)							1.75		

up to Date

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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.

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M. K. Chitambar Infrastructures Pvt. Ltd. & GECPL (Joint Venture)

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Sillekhana Nutan Colony CHEMBER 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							
		Net Qty = A - B					2.81		31.80	34.61	
S 19											
CH120.10		567.750	567.000	566.750			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			0.785	4.000	0.950	2.983	61.118	64.101	
	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	0.050	0.157	2.825	2.982	
	Item No. : 11 Transportation of earth Transportation charges							1.270	29.337	30.607	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.140			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.750	0.79			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.27			
		Net Qty = A - B					1.87		34.61	36.48	
S 20											
CH127.60		567.670	566.870	566.620			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			0.785	4.000	0.850	2.669	64.101	66.770	
	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	0.200	0.628	2.982	3.610	
	Item No. : 11 Transportation of earth Transportation charges							1.323	30.607	31.930	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.297			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.800	0.85			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.32			
		Net Qty = A - B					1.97		36.48	38.45	
S 21											
CH134.60		567.040	566.000	565.750			1.290				



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Sillekhana Nutan Colony CHEMBER Sillekhana

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. 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	1.090	3.423		66.770	70.192
	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	0.200	0.628		3.610	4.238
	Item No. : 11 Transportation of earth Transportation charges							1.576		31.930	33.506
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.051			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.040	1.10			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.58			
								Net Qty = A - B		2.47	38.45
	S 21/1										
	CH5.80	567.140	566.120	565.870			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	1.070	3.360		70.192	73.552
	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	0.200	0.628		4.238	4.866
	Item No. : 11 Transportation of earth Transportation charges							1.555		33.506	35.061
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.988			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.020	1.08			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.56			
								Net Qty = A - B		2.43	40.92
	S 21/2										
	CH9.50	566.990	566.440	566.190			0.800				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.250	1.250	0.600	0.937		73.552	74.490

al up to Date

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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.

Sillekhana Nutan Colony CHEMBER 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			1.250	1.250	0.200	0.313	4.866	5.179	
	Item No. : 11 Transportation of earth Transportation charges							0.827	35.061	35.888	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							1.250			
	Deduction										
	Brick work	1.00			0.950	0.950	0.550	0.50			
	soling							0.00			
	PCC	1.00			1.150	1.150	0.250	0.33			
	Murrum bedding							0.00			
	Total (B)							0.83			
		Net Qty = A - B							0.42	43.36	43.78
	S 21/3	0.45 m X 0.45 m									
	CH3.50	567.290	566.640	566.390			0.900				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.250	1.250	0.700	1.094	74.490	75.583	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.250	1.250	0.200	0.313	5.179	5.491	
	Item No. : 11 Transportation of earth Transportation charges							0.917	35.888	36.805	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							1.406			
	Deduction										
	Brick work	1.00			0.950	0.950	0.650	0.59			
	soling							0.00			
	PCC	1.00			1.150	1.150	0.250	0.33			
	Murrum bedding							0.00			
	Total (B)							0.92			
		Net Qty = A - B							0.49	43.78	44.27
	S 22										
	CH145.90	566.760	565.810	565.560			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.000	3.140	75.583	78.723	
	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	0.200	0.628	5.491	6.119	



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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.

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

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

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

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Sillekhana Nutan Colony CHEMBER 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. : 11 Transportation of earth Transportation charges							1.481		36.805	38.286
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.768			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.950	1.00			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murum bedding							0.00			
	Total (B)							1.48			
				Net Qty = A - B				2.29		44.27	46.56
	S 23										
	CH154.90	566.560	565.740	565.490			1.070				
	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	0.870	2.732		78.723	81.455
	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	0.200	0.628		6.119	6.747
	Item No. : 11 Transportation of earth Transportation charges							1.344		38.286	39.630
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.360			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.820	0.87			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murum bedding							0.00			
	Total (B)							1.34			
				Net Qty = A - B				2.02		46.56	48.57



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

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

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

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Sillekhana Nutan Colony CHEMBER

to

9th R A BILL MEASURMENT'S CHEMBER DETAILS SILLEKHANA NUTAN COLONY

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 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	SILLEKHANA NUTAN COLONY						
1	S 01	567.240	566.410	0.830	1.5	-0.670	-20.167
2	S 08	568.220	567.280	0.940	1.5	-0.560	
3	S 09	568.400	567.520	0.880	1.5	-0.620	
4	S 17	568.520	567.300	1.220	1.5	-0.280	
5	S 18	568.090	566.890	1.200	1.5	-0.300	
6	S 19	567.750	567.000	0.750	1.5	-0.750	
7	S 20	567.670	566.870	0.800	1.5	-0.700	
8	S 21	567.040	566.000	1.040	1.5	-0.460	
9	S 21/1	567.140	566.120	1.020	1.5	-0.480	
10	S 22	566.760	565.810	0.950	1.5	-0.550	
11	S 23	566.560	565.740	0.820	1.5	-0.680	
	Total					-6.050	-20.167

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 For per 30 cm		Total Rebate Qty for 30 cm
		No					
		GL	IL	DEPTH			
A	Extra Item. No.03: Providing and constructing on sewer.BBM Square manhole 0.9 mt. X 0.6 mt. and up to a depth of 1.5 M etc., complete						
1	S 02	567.240	566.440	0.800	1.5	-0.700	-26.767
2	S 03	567.240	566.530	0.710	1.5	-0.790	
3	S 05	567.560	566.810	0.750	1.5	-0.750	
4	S 06	567.840	566.900	0.940	1.5	-0.560	
5	S 07	568.020	567.050	0.970	1.5	-0.530	
6	S 10	568.810	568.040	0.770	1.5	-0.730	
7	S 11	568.790	568.250	0.540	1.5	-0.960	
8	S 12	568.660	568.030	0.630	1.5	-0.870	
9	S 13	569.550	568.890	0.720	1.5	-0.780	
10	S 14	569.730	568.930	0.800	1.5	-0.700	
11	S 15	569.440	568.250	1.190	1.5	-0.310	
12	S 16	568.940	567.790	1.150	1.5	-0.350	
	Total					-8.030	-26.767



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

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

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

1

Sillekhana Nutan Colony BBM

9th RA BILL MEASUREMENTS OF BBM TRENCH SILLEKHANA NUTAN COLONY

Date	Particulars of work	DETAILS				Content of arrears	Last measurement		Total Upto Date Quantity
		No	L	B	D		Page	Quantity	
	Quantity for catchpit chamber								
B	0.45mx0.45m size MH, 0.23 m thickness -2Nos. Average Depth= $((0.9+0.8)-(2 \times 0.15))/2 = 0.7$								
	Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
	(a) Long Wall	4	0.910	0.230	0.700	0.586		0.000	0.586
	(b) Short Wall	4	0.450	0.230	0.700	0.290		0.000	0.290
									0.876
	Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.								
	(a) Long Wall	4	0.450		0.700	1.260		0.000	1.260
	(b) Short Wall	4	0.450		0.700	1.260		0.000	1.260
									2.520
	Extra Item :4(c) - 20mm thk. External Plaster for manhole etc complete.								
	(a) Long Wall	4	0.910		0.700	2.548		0.000	2.548
	(b) Short Wall	4	0.910		0.700	2.548		0.000	2.548
									5.096
	Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
	(a) Long Wall Internal	4	0.450		0.700	1.260		0.000	1.260
	(b) Short Wall Internal	4	0.450		0.700	1.260		0.000	1.260
	(c) Long Wall External	4	0.910		0.700	2.548		0.000	2.548
	(d) Short Wall External	4	0.910		0.700	2.548		0.000	2.548
									7.616
	Extra Item :5(b) - Providing & Casting M15 Grade PCC for manhole etc complete.	2	1.110	1.110	0.150	0.370		0.000	0.370
	Extra Item :9.8(a)(RR)- Supplying of Heavy Duty RCC (S.F.R.C.) Manhole Cover With Frame of Size 0.45 X 0.45	2				2.000			2.000



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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.

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Pipe lying MB Chunabhatti (Gandhi Nagar)-02

9th R A BILL MEASUREMENTS DWC PIPE CHUNABHATTI (GANDHI NAGAR)-02

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
Part-01	DWC - 250mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.250+0.5=0.750m										
	For Lift 1.5 to 3.00m- 0.250+0.5+0.4=1.150m										
	For Lift 3.0 to 4.5m- 0.250+0.5+0.4+0.4=1.550m										
	CG 01 to CG 02										
	CH0.00	570.384	569.299	569.199			1.185	1.072			
	CH13.00	570.829	569.969	569.869			0.960				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	0.750	0.872	7.198	0.000	7.198	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	0.750	0.150	1.238	0.000	1.238	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	0.750	0.050	0.413	0.000	0.413	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.600	0.750	0.100	0.870	0.000	0.870	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.439	0.000	1.439	
	Item No. 13 :- (C)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			12.100			12.100	0.000	12.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.848			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	11.600	0.250	0.250	0.569			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.870			
								1.439			
								7.409	0.000	7.409	
	CG 02 to CG 03										
	CH13.00	570.829	569.969	569.869			0.960	0.810			
	CH24.70	571.169	570.609	570.509			0.660				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.700	0.750	0.610	4.438	7.198	11.636	



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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

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Pipe lying MB Chunabhathi (Gandhi Nagar)-02

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			9.700	0.750	0.150	1.091		1.238	1.329
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.700	0.750	0.050	0.364		0.413	0.779
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			10.300	0.750	0.100	0.773		0.870	1.643
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.278		1.439	2.717
	Item No. 13 :- (C)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
		1			10.800			10.800		12.100	22.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.893			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	10.300	0.250	0.250	0.505			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.773			
								1.278			
	Net Qty = A - B							4.615		7.409	12.024
	CG 03 to CG 04										
	CH24.70	571.169	570.609	570.509			0.660	0.685			
	CH31.90	571.389	570.779	570.679			0.710				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.750	0.485	1.892		11.636	13.527
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.750	0.150	0.585		2.329	2.914
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.750	0.050	0.195		0.776	0.971
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			5.800	0.750	0.100	0.435		1.643	2.078
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.720		2.717	3.437
	Item No. 13 :- (C)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
		1			6.300			6.300		22.900	29.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.672			
	Deduction of 250mm dia pipe										



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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	pipe area	1.000		0.785	5.800	0.250	0.250	0.285			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.435			
								0.720			
		Net Qty = A - B						1.952		12.024	13.976
	CG 04 to CG 05										
	CH31.90	571.389	570.779	570.679			0.710	0.720			
	CH43.10	571.729	571.099	570.999			0.730				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.750	0.520	3.588		13.527	17.115
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.750	0.150	1.035		2.914	3.949
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.750	0.050	0.345		0.971	1.316
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.800	0.750	0.100	0.735		2.078	2.813
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.216		3.437	4.652
	Item No. 13 :- (C)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.300			10.300		29.200	39.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.968			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	9.800	0.250	0.250	0.481			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.735			
								1.216			
		Net Qty = A - B						3.752		13.976	17.728
	CG 05 to CG 06										
	CH43.10	571.729	571.099	570.999			0.730	0.840			
	CH48.55	571.969	571.119	571.019			0.950				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			3.450	0.750	0.640	1.656		17.115	18.771
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			3.450	0.750	0.150	0.388		3.949	4.337
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.450	0.750	0.050	0.129		1.316	1.445



Handwritten initials 'JJE' and other marks.

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							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			4.050	0.750	0.100	0.304		2.813	3.117
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.502		4.652	5.155
	Item No. 13 :- (C)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			4.550			4.550		39.500	44.050
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.174			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	4.050	0.250	0.250	0.199			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.304			
								0.502			
								1.671		17.728	19.399
	Net Qty = A - B										
	CG 06 to CG 07										
	CH48.55	571.969	571.119	571.019			0.950	0.975			
	CH65.55	572.669	571.769	571.669			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			15.300	0.750	0.775	8.893		18.771	27.665
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.300	0.750	0.150	1.721		4.337	6.058
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.300	0.750	0.050	0.574		1.446	2.019
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			15.900	0.750	0.100	1.193		3.116	4.309
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.973		5.155	7.127
	Item No. 13 :- (C)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			16.400			16.400		44.050	60.450
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.188			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	15.900	0.250	0.250	0.780			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							1.193			
								1.973			
								9.216		19.399	28.615
	Net Qty = A - B										
	DWC - 200mm Dia										



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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 GPPM line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Pipe lying MB Chunabhathi (Gandhi Nagar)-02

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Width of Trench - For Lift 0 to 1.50m- 0.200+0.5=0.700m										
	For Lift 1.5 to 3.00m- 0.200+0.5+0.4=1.100m										
	For Lift 3.0 to 4.5m- 0.200+0.5+0.4+0.4=1.500m										
	CG 06 to CG 06/01										
	CH0.00	571.969	571.119	571.019			0.950	0.800			
	CH11.00	572.299	571.749	571.649			0.650				
	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	0.700	0.600	3.906	27.665	31.571	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.300	0.700	0.100	0.651	6.058	6.709	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.300	0.700	0.100	0.651	2.019	2.670	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			9.900	0.700	0.100	0.693	4.309	5.002	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.004	7.127	8.131	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.400			10.400	0.000	10.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.208			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	9.900	0.200	0.200	0.311			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.693			
								1.004			
								Net Qty = A - B			
	CG 06/01 to CG 06/02							4.204	28.615	32.819	
	CH11.00	572.299	571.749	571.649			0.650	0.715			
	CH15.65	572.479	571.799	571.699			0.780				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.650	0.700	0.515	0.955	31.571	32.526	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.650	0.700	0.100	0.186	6.709	6.895	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.650	0.700	0.100	0.186	2.670	2.856	



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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.635	1.333		35.712	37.045
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.100	0.210		7.413	7.623
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.100	0.210		3.374	3.584
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.600	0.700	0.100	0.252		5.789	6.041
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.365		9.272	9.637
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.100			4.100		22.650	26.750
	Item No. 30 :- Refilling the excavated trenches --										
	Total Excavation=-							1.753			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	3.600	0.200	0.200	0.113			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.252			
								0.365			
								1.388		37.226	38.614
	CG 06/04 to CG 06/05										
	CH30.05	573.069	572.349	572.249							
	CH37.55	573.519	572.649	572.549			0.820	0.895			
							0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.700	0.695	2.676		37.045	39.721
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.700	0.100	0.385		7.623	8.008
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.700	0.100	0.385		3.584	3.969
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.100	0.700	0.100	0.427		6.041	6.468
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.619		9.637	10.256
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.600			6.600		26.750	33.350



Handwritten initials 'JE' and other marks.

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 from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 in

Pipe laying MB Chunabhatti (Gandhi Nagar)-02

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=						3.446				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	6.100	0.200	0.200	0.192			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.427			
								0.619			
								2.827	38.614	41.442	
	CG 06/05 to CG 06/06										
	CH37.55	573.519	572.649	572.549			0.970	0.990			
	CH43.65	573.829	572.919	572.819			1.010				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.790	2.267	39.721	41.988	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.100	0.287	8.008	8.295	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.100	0.287	3.969	4.256	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			4.700	0.700	0.100	0.329	6.468	6.797	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.477	10.256	10.732	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			5.200			5.200	33.350	38.550	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.841			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.700	0.200	0.200	0.148			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.329			
								0.477			
								2.365	41.442	43.806	
	CG 06/06 to CG 06/07										
	CH43.65	573.829	572.919	572.819			1.010	1.050			
	CH50.65	574.259	573.269	573.169			1.090				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.850	2.975	41.988	44.963	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.100	0.350	8.295	8.645	



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Pipe lying MB Chunabhathi (Gandhi Nagar)-02

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
							2.574	45.914	48.488		
		Net Qty = A - B									
	CG 06/08 to CG 06/09										
	CH56.55	574.659	573.629	573.529			1.130	1.100			
	CH60.45	574.819	573.849	573.749			1.070				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.900	0.700	0.900	1.197	47.447	48.644	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.900	0.700	0.100	0.133	8.918	9.051	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.900	0.700	0.100	0.133	4.879	5.012	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			2.500	0.700	0.100	0.175	7.504	7.679	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.254	11.756	12.010	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	Item No. 30 :- Refilling the excavated trenches ...	1			3.000			3.000	49.650	52.650	
	Total Excavation=							1.463			
	Deduction of 200mm dia pipe pipe area	1.000			0.785	2.500	0.200	0.200	0.079		
	soling								0.000		
	PCC								0.000		
	Murrum bedding								0.175		
									0.254		
								1.209	49.488	50.697	
		Net Qty = A - B									
	CG 06/09 to CG 06/10										
	CH60.45	574.819	573.849	573.749			1.070	1.010			
	CH64.15	574.959	574.109	574.009			0.950				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.700	0.700	0.810	0.964	48.644	49.608	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.700	0.700	0.100	0.119	9.051	9.170	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.700	0.700	0.100	0.119	5.012	5.131	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			2.300	0.700	0.100	0.161	7.679	7.840	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.233	12.010	12.243	



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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. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			2.800			2.800	52.650	55.450	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.202			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	2.300	0.200	0.200	0.072			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.161			
								0.233			
	CG 06/10 to CG 06/11							0.969	50.697	51.666	
	CH64.15	574.959	574.109	574.009							
	CH70.25	575.009	574.119	574.019			0.950	0.970			
							0.990				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.770	2.210	49.608	51.818	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.100	0.287	9.170	9.457	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.100	0.287	5.131	5.418	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.700	0.700	0.100	0.329	7.840	8.169	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.477	12.243	12.720	
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.200			5.200	55.450	60.650	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.784			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.700	0.200	0.200	0.148			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.329			
								0.477			
	CG 06/11 to CG 06/12							2.307	51.666	53.973	
	CH70.25	575.009	574.119	574.019							
	CH72.65	575.039	574.209	574.109			0.990	0.960			
							0.930				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	0.760	0.213	51.818	52	



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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		9.457	9.485
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			0.400	0.700	0.100	0.028		5.418	5.446
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.000	0.700	0.100	0.070		8.169	8.239
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.101		12.720	12.821
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.500			1.500		60.650	62.150
	Item No. 30 :- Refilling the excavated trenches ...							0.269			
	Total Excavation=										
	Deduction of 200mm dia pipe pipe area	1.000		0.785	1.000	0.200	0.200	0.031			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.070			
								0.101			
								0.167		53.973	54.140
	CG 06/12 to CG 06/13										
	CH72.65	575.039	574.209	574.109				0.930			
	CH79.95	575.299	574.399	574.299				1.000	0.965		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. (a) For Lift 0 to 1.5m	1			5.300	0.700	0.765	2.838		52.031	54.869
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			5.300	0.700	0.100	0.371		9.485	9.856
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			5.300	0.700	0.100	0.371		5.446	5.817
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.900	0.700	0.100	0.413		8.239	8.652
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.598		12.821	13.419
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.400			6.400		62.150	68.550
	Item No. 30 :- Refilling the excavated trenches ...							3.580			
	Total Excavation=										
	Deduction of 200mm dia pipe pipe area	1.000		0.785	5.900	0.200	0.200	0.185			



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

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Pipe lying MB Chunabhathi (Gandhi Nagar)-02

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							0.000			
	Murram bedding							0.413			
								0.598			
		Net Qty = A - B						2.982	54.140	57.122	
	CG 06/13 to CG 06/14										
	CH79.95	575.299	574.399	574.299			1.000				
	CH84.95	575.469	574.639	574.539			0.930	0.965			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.765	1.607		54.869	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.100	0.210		9.856	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.700	0.100	0.210		5.817	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			3.600	0.700	0.100	0.252		8.652	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.365		13.419	
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			4.100			4.100		68.550	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.027			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	3.600	0.200	0.200	0.113			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.252			
								0.365			
		Net Qty = A - B						1.661	57.122	58.784	
	CG 06/14 to CG 06/15										
	CH84.95	575.469	574.639	574.539			0.930				
	CH90.45	575.789	575.099	574.999			0.790	0.860			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.660	1.617		56.476	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.100	0.245		10.066	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.100	0.245		6.027	
										6.272	



19/08/15

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

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Pipe lying MB Chunabhathi (Gandhi Nagar)-02

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=						0.170				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.900	0.200	0.200	0.028			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.063			
								0.091			
								0.079	65.482	65.561	
	Net Qty = A - B										
	CG 06/15 to CG 06/15/01										
	CH0.00	575.789	575.099	574.999			0.790	0.735			
	CH8.70	576.969	576.389	576.289			0.680				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.000	0.700	0.535	2.622	62.952	65.573	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.000	0.700	0.100	0.490	11.053	11.543	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.000	0.700	0.100	0.490	7.014	7.504	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			7.600	0.700	0.100	0.532	10.059	10.591	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.771	15.457	16.228	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			8.100			8.100	91.150	99.250	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.602			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	7.600	0.200	0.200	0.239			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.532			
								0.771			
								2.831	65.561	68.392	
	Net Qty = A - B										
Part-02	DWC - 250mm Dia										
	Width of Trench -										
	For Lift 0 to 1.50m-										
	0.250+0.5=0.750m										
	For Lift 1.5 to 3.00m-										
	0.250+0.5+0.4=1.150m										
	For Lift 3.0 to 4.5m-										
	0.250+0.5+0.4+0.4=1.550m										
	GC 01 to GC 02										
	CH0.00	572.669	571.769	571.669			1.000	1.070			
	CH12.35	572.929	571.889	571.789			1.140				



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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

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Pipe lying MB Chunnabhatti (Gandhi Nagar)-02

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total upto Date Quantity
		GL	No IL	EX.L	L	B		D	Page	
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation=						5.913			
	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		
	Murrum bedding							0.585		
								0.968		
	GC 03 to GC 04							4.945	75.339	80.284
	CH21.55	572.939	571.989	571.889						
	CH34.05	572.949	572.109	572.009			1.050	0.995		
							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			10.500	0.750	0.845	6.654	77.818	84.472
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			10.500	0.750	0.150	1.181	13.517	14.698
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			10.500	0.750	0.000	0.000	7.504	7.504
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.100	0.750	0.100	0.833	11.998	12.830
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.377	18.554	19.931
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			11.600			11.600	19.750	31.350
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation=							7.836		
	Deduction of 250mm dia pipe									
	pipe area	1.000		0.785	11.100	0.250	0.250	0.545		
	soling							0.000		
	PCC							0.000		
	Murrum bedding							0.833		
								1.377		
	GC 04 to GC 05							6.459	80.284	86.743
	CH34.05	572.949	572.109	572.009						
	CH41.45	573.099	572.229	572.129			0.940	0.955		
							0.970			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			5.400	0.750	0.805	3.260	84.472	87.732
	Item No. 2 :- Excavation for foundation pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			5.400	0.750	0.150	0.608	14.698	15.306



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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 - I CIDCO (Airport). Providing, lowering, laying jointing and testing rising main from line 225254 G-12 to SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Pipe lying MB Chunabhathi (Gandhi Nagar)-02

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 Excavation=						6.087				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	9.950	0.200	0.200	0.312			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.697			
								1.009			
		Net Qty = A - B						5.078		89.866	94.944
	GC 06 to GC 07										
	CH52.80	573.119	572.329	572.229			0.890	1.080			
	CH62.20	573.618	572.449	572.349			1.269				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.700	0.700	0.829	4.471	92.183	96.654	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.700	0.700	0.150	0.809	16.288	17.096	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.700	0.700	0.100	0.539	8.158	8.697	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.300	0.700	0.100	0.581	13.977	14.558	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.842	21.685	22.526	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.800			8.800	10.450	19.250	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.819			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	8.300	0.200	0.200	0.261			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.581			
								0.842			
		Net Qty = A - B						4.977		94.944	99.921
	GC 07 to GC 08										
	CH62.20	573.618	572.449	572.349			1.269	1.119			
	CH67.40	573.438	572.569	572.469			0.969				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.869	2.129	96.654	98.783	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.150	0.367	17.096	17.464	



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