

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

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Jaripura Gandhinagar Meas. DWC

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.200	0.700	0.100	0.224		1.500	1.724
	Item No. : 11 Transportation of earth Transportation charges							0.324		2.933	3.257
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			3.700			3.700		0.000	3.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.838			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	3.200	0.200	0.200	0.100			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.224			
								0.324			
								1.514		12.000	13.514
	Net Qty = A - B										
	JG 04 TO JG 05										
	CH25.80	579.770	578.820	578.720			1.050	1.055			
	CH31.80	579.880	578.920	578.820			1.060				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.755	2.114		11.946	14.060
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.200	0.560		3.217	3.777
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.100	0.280		1.608	1.888
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.600	0.700	0.100	0.322		1.724	2.046
	Item No. : 11 Transportation of earth Transportation charges							0.466		3.257	3.724
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.100			5.100		3.700	8.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.954			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.600	0.200	0.200	0.144			
	soling							0.000			



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

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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							
	PCC										
	Murum bedding						0.000				
							0.322				
							0.466				
	JG 05 TO JG 06	Net Qty = A - B						2.488	13.514	16.001	
	CH31.80	579.880	578.920	578.820							
	CH37.30	580.230	579.370	579.270			1.060				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.						0.960	1.010			
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.710	1.740		14.060	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.									15.800	
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.200	0.490		3.777	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									4.267	
	(a) For Lift 0 to 1.5m	1			3.500	0.700	0.100	0.245		1.888	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.100	0.700	0.100	0.287		2.046	
	Item No. : 11 Transportation of earth Transportation charges							0.416		2.333	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.600			4.600		3.724	
	Item No. 30 :- Refilling the excavated trenches ...									4.139	
	Total Excavation =									8.800	
	Deduction of 200mm dia pipe							2.475		13.400	
	pipe area	1.000									
	soling		0.785	4.100	0.200	0.200		0.129			
	PCC							0.000			
	Murum bedding							0.000			
								0.287			
								0.416			
	JG 06 TO JG 07	Net Qty = A - B						2.059	16.001	18.060	
	CH37.30	580.230	579.370	579.270							
	CH45.10	580.710	579.820	579.720			0.960				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.						0.990	0.975			
	(a) For Lift 0 to 1.5m	1			5.800	0.700	0.675	2.741		15.800	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.									18.540	
	(a) For Lift 0 to 1.5m	1			5.800	0.700	0.200	0.812		4.267	
										5.079	



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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), CIDCO, 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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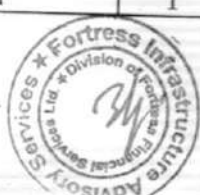
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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.600	0.200	0.200	0.144			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.322			
								0.466			
		Net Qty = A - B						2.502		21.370	23.87
	JG 08 TO JG 09										
	CH51.10	581.000	579.970	579.870			1.130	1.120			
	CH59.00	581.330	580.320	580.220			1.110				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.900	0.700	0.820	3.387	20.668	24.055	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.900	0.700	0.200	0.826	5.639	6.465	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.900	0.700	0.100	0.413	2.819	3.232	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.500	0.700	0.100	0.455	3.103	3.558	
	Item No. : 11 Transportation of earth Transportation charges							0.659	5.255	5.914	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.000			7.000	25.400	32.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.626			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	6.500	0.200	0.200	0.204			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.455			
								0.659			
		Net Qty = A - B						3.967		23.871	27.838
	JG 09 TO JG 10										
	CH59.00	581.330	580.320	580.220			1.110	1.060			
	CH70.00	581.430	580.520	580.420			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			9.000	0.700	0.760	4.788	24.055	28.843	



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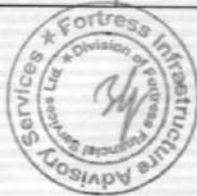
Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)

Contract No. AMC/Ward R & C/UDSSMT/2014/184 Date 01.07.2014

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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. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			9.000	0.700	0.200	1.260		6.465	7.725	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			9.000	0.700	0.100	0.630		3.232	3.862	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.600	0.700	0.100	0.672		3.558	4.230	
	Item No. : 11 Transportation of earth Transportation charges							0.973		5.914	6.887	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.100			10.100		32.400	42.500	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							6.678				
	Deduction of 200mm dia pipe											
	pipe area	1.000		0.785	9.600	0.200	0.200	0.301				
	soling							0.000				
	PCC							0.000				
	Murrum bedding							0.672				
								0.973				
								Net Qty = A - B		5.705	27.838	33.542
	JG 10 TO JG 11											
	CH70.00	581.430	580.520	580.420			1.010					
	CH84.00	581.450	580.620	580.520			0.930	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			12.000	0.700	0.670	5.628		28.843	34.471	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			12.000	0.700	0.200	1.680		7.725	9.405	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			12.000	0.700	0.100	0.840		3.862	4.702	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.600	0.700	0.100	0.882		4.230	5.112	
	Item No. : 11 Transportation of earth Transportation charges							1.278		6.887	8.165	



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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.

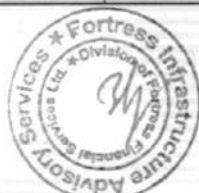
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Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

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Jaripura Gandhinagar Meas. DWC

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 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.100			13.100		42.500	55.600
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.148			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	12.600	0.200	0.200	0.396			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.882			
								1.278			
	Net Qty = A - B							6.870		33.542	40.413
	JG 11 TO JG 12										
	CH84.00	581.450	580.620	580.520			0.930	0.955			
	CH87.00	581.750	580.870	580.770			0.980				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.655	0.459		34.471	34.929
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.200	0.140		9.405	9.545
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.100	0.070		4.702	4.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.600	0.700	0.100	0.112		5.112	5.224
	Item No. : 11 Transportation of earth Transportation charges							0.162		8.165	8.327
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			2.100			2.100		55.600	57.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.669			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	1.600	0.200	0.200	0.050			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.112			
								0.162			
	Net Qty = A - B							0.506		40.413	40.919



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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upt 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			5.100	0.700	0.100	0.357		5.917	6.274
	Item No. : 11 Transportation of earth Transportation charges							0.517		9.331	9.848
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.600			5.600		68.100	73.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.678			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.100	0.200	0.200	0.160			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.357			
								0.517			
								Net Qty = A - B			
	JG 14 TO JG 15							2.160		45.709	47.869
	CH104.80	581.970	581.170	581.070			0.900				
	CH110.80	582.140	581.370	581.270			0.870	0.885			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.585	1.638		40.503	42.141
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.200	0.560		11.477	12.037
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.100	0.280		5.738	6.018
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.600	0.700	0.100	0.322		6.274	6.596
	Item No. : 11 Transportation of earth Transportation charges							0.466		9.848	10.315
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.100			5.100		73.700	78.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.478			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.600	0.200	0.200	0.144			
	soling							0.000			



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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							
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.000	0.200	0.200	0.157			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.350			
								0.507			
								1.972	58.558	60.531	
	JG 03/02 TO JG 03/03										
	CH17.20	580.770	580.120	580.020				0.750			
	CH20.70	580.820	580.220	580.120				0.700			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.500	0.700	0.425	0.446	50.708	51.154	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.500	0.700	0.200	0.210	14.879	15.089	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.500	0.700	0.100	0.105	7.439	7.544	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.100	0.700	0.100	0.147	8.101	8.248	
	Item No. : 11 Transportation of earth Transportation charges							0.213	12.495	12.708	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			2.600			2.600	101.800	104.400	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia									19.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.761			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	2.100	0.200	0.200	0.066			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.147			
								0.213			
								0.548	60.531	61.079	
	Item No. : 35 Shifting of Existing Utilities Length considered up to 400 mm including all and as directed by Engineer In-Charge				0.100			0.10		0.10	



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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. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.314	0.628	
	Item No. : 11 Transportation of earth Transportation charges							1.397	1.375	2.772	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.517			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.870	0.919			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.397			
					Net Qty = A - B			2.120	2.079	4.199	
	JG 04										
	CH25.80	579.770	578.820	578.570			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.900	2.826	5.087	7.913	
	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	0.200	0.628	1.256	1.884	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.628	0.942	
	Item No. : 11 Transportation of earth Transportation charges							1.481	2.772	4.253	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.768			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.950	1.003			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.481			
					Net Qty = A - B			2.287	4.199	6.486	
	JG 05										
	CH31.80	579.880	578.920	578.670			1.210				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.910	2.857	7.913	10.770	



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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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Jaripura Gandhinagar Meas.Chember

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	4.000	0.200	0.628		1.884	2.512
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.942	1.256
	Item No. : 11 Transportation of earth Transportation charges							1.492		4.253	5.745
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.799			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.960	1.014			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.492			
	Net Qty = A - B							2.308		6.486	8.793
	JG 06										
	CH37.30	580.230	579.370	579.120			1.110				
	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	0.810	2.543		10.770	13.314
	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		2.512	3.140
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.256	1.570
	Item No. : 11 Transportation of earth Transportation charges							1.386		5.745	7.131
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.485			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.860	0.908			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.386			
	Net Qty = A - B							2.099		8.793	10.893



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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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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling										
	PCC	1		0.785	1.560	1.560	0.250	0.000			
	Murum bedding							0.478			
	Total (B)							0.000			
								1.566			
								2.454			
									13.055	15.508	
	JG 09										
	CH59.00	581.330	580.320	580.070			1.260				
	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	0.960	3.014	19.028	22.043	
	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	4.396	5.024	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.198	2.512	
	Item No. : 11 Transportation of earth Transportation charges							1.544	10.114	11.658	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.956			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.010	1.067			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.544			
									15.508	17.920	
	JG 10										
	CH70.00	581.430	580.520	580.270			1.160				
	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	0.860	2.700	22.043	24.743	
	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	5.024	5.652	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.512	2.826	
	Item No. : 11 Transportation of earth Transportation charges							1.439	11.658	13.097	



TPW JE

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewerage 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 Vencture)

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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. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						3.642				
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.910	0.961			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.439			
		Net Qty = A - B						2.204	17.920	20.124	
	JG 11										
	CH84.00	581.450	580.620	580.370			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	0.780	2.449	24.743	27.192	
	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	5.652	6.280	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.826	3.140	
	Item No. : 11 Transportation of earth Transportation charges							1.354	13.097	14.452	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.391			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.830	0.877			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.354			
		Net Qty = A - B						2.037	20.124	22.161	
	JG 12										
	CH87.00	581.750	580.870	580.620			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	0.830	2.606	27.192	29.799	
	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	6.280	6.908	



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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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Jaripura Gandhinagar Meas.Chember

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. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.140	3.454
	Item No. : 11 Transportation of earth Transportation charges							1.407		14.452	15.859
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.548			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.880	0.930			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.407			
								Net Qty = A - B			
	JG 13							2.141		22.161	24.302
	CH98.30	581.620	580.920	580.670			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			0.785	4.000	0.650	2.041		29.799	31.840
	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		6.908	7.536
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.454	3.768
	Item No. : 11 Transportation of earth Transportation charges							1.217		15.859	17.076
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.983			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.700	0.739			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.217			
								Net Qty = A - B			
	JG 14							1.766		24.302	26.068
	CH104.80	581.970	581.170	580.920			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										



MPH
JP

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 Contractor: M/s. Khilari Infrastructure Pvt Ltd & GECPI (Joint Venture)

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Jaripura Gandhinagar Meas. Chamber

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			0.785	4.000	0.750	2.355		31.840	34.195
	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		7.536	8.164
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.768	4.082
	Item No. : 11 Transportation of earth Transportation charges							1.323		17.076	18.398
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.297			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.800	0.845			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.323			
								Net Qty = A - B		26.068	28.042
	JG 15										
	CH110.80	582.140	581.370	581.120			1.020				
	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	0.720	2.261		34.195	36.455
	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		8.164	8.792
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		4.082	4.396
	Item No. : 11 Transportation of earth Transportation charges							1.291		18.398	19.689
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.203			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.770	0.813			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.291			
								Net Qty = A - B		28.042	29.954



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Panchashil Nagar-Pipe Lying MB

9th RA BILL MEASUREMENTS DWC PIPE PANCHSHIL NAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 250mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.25+0.5=0.75m										
	For Lift 1.5 to 3.00m- 0.25+0.5+0.4=1.15m										
	For Lift 3.0 to 4.5m- 0.25+0.5+0.4+0.4=1.55m										
	PN1 TO PN 2										
	CH0.00	583.980	582.820	582.720			1.260	1.130			
	CH10.70	583.770	582.870	582.770			1.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			8.700	0.750	0.580	3.784	0.000	3.784	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.700	0.750	0.550	3.589	0.000	3.589	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.300	0.750	0.100	0.698	0.000	0.698	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.154	0.000	1.154	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.800			9.800	0.000	9.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.373			
	Deduction of 250mm dia pipe area	1.00		0.785	9.300	0.250	0.250	0.46			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.70			
								1.15			
								6.22	0.000	6.219	
	PN 2 TO PN 3										
	CH10.70	583.770	582.870	582.770			1.000	0.985			
	CH19.45	583.750	582.880	582.780			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			6.750	0.750	0.435	2.202	3.784	5.987	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.750	0.750	0.550	2.784	3.589	6.373	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.350	0.750	0.100	0.551	0.698	1.249	



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Panchashil Nagar-Pipe Lying MB

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 including loading &						0.912		1.154	2.066	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			7.850		7.850		9.800	17.650	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						4.987				
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	7.350	0.250	0.250	0.36			
	soiling							0.00			
	PCC							0.00			
	Murum bedding							0.55			
								0.91			
								4.07	6.219	10.294	
	PN 3 TO PN 4										
	CH19.45	583.750	582.880	582.780			0.970	0.970			
	CH33.15	583.800	582.930	582.830			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			11.700	0.750	0.420	3.686	5.987	9.672	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.700	0.750	0.550	4.826	6.373	11.199	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.300	0.750	0.100	0.923	1.249	2.171	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.526	2.066	3.592	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			12.800			12.800	17.650	30.450	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.512			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	12.300	0.250	0.250	0.60			
	soiling							0.00			
	PCC							0.00			
	Murum bedding							0.92			
								1.53			
								6.99	10.294	17.280	
	PN 4 TO PN 5										
	CH33.15	583.800	582.930	582.830			0.970	0.985			
	CH44.50	583.870	582.970	582.870			1.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			9.350	0.750	0.435	3.050	9.672	12.723	



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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Panchashil Nagar-Pipe Lying MB

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			9.350	0.750	0.550	3.857		11.199	15.056
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.950	0.750	0.100	0.746		2.171	2.918
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.234		3.592	4.826
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.450			10.450		30.450	40.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.907			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	9.950	0.250	0.250	0.49			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.75			
								1.23			
	Net Qty = A - B							5.67		17.280	22.953
	PN 5 TO PN 6										
	CH44.50	583.870	582.970	582.870			1.000				
	CH55.30	583.900	583.160	583.060			0.840	0.920			
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			8.800	0.750	0.370	2.442		12.723	15.165
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.750	0.550	3.630		15.056	18.686
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.400	0.750	0.100	0.705		2.918	3.623
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.166		4.826	5.992
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.900			9.900		40.900	50.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.072			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	9.400	0.250	0.250	0.46			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.71			
								1.17			
	Net Qty = A - B							4.91		22.953	27.859



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

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Panchashil Nagar-Pipe Lying MB

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	PN 6 TO PN 7										
	CH55.30	583.900	583.160	583.060			0.840				
	CH66.40	584.200	583.260	583.160			1.040	0.940			
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			9.100	0.750	0.390	2.662	15.165	17.826	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			9.100	0.750	0.550	3.754	18.686	22.440	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.700	0.750	0.100	0.728	3.623	4.350	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.203	5.992	7.196	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.200			10.200	50.800	61.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.416			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	9.700	0.250	0.250	0.48			
	soiling							0.00			
	PCC							0.00			
	Murrum bedding							0.73			
								1.20			
								5.21	27.859	33.071	
	PN 7 TO PN 8										
	CH66.40	584.200	583.260	583.160			1.040				
	CH83.90	584.870	583.630	583.530			1.340	1.190			
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			15.500	0.750	0.640	7.440	17.826	25.266	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			15.500	0.750	0.550	6.394	22.440	28.834	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.100	0.750	0.100	1.208	4.350	5.558	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.997	7.196	9.193	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			15.600			15.600	61.000	77.600	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							13.834			
	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 G.P.D.L pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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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	1.00		0.785	16.100	0.250	0.250	0.79			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.21			
								2.00			
		Net Qty = A - B						11.84		33.071	44.907
	PN 5 TO PN 5/1R										
	CH0.00	583.870	582.970	582.870			1.000				
	CH11.30	584.120	583.340	583.240			0.880	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			9.600	0.750	0.390	2.808	25.266	28.074	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.600	0.750	0.550	3.960	28.834	32.794	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.900	0.750	0.100	0.743	5.558	6.300	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.228	9.193	10.421	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.400			10.400	77.600	88.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.768			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	9.900	0.250	0.250	0.49			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.74			
								1.23			
		Net Qty = A - B						5.54		44.907	50.447
	PN 5 TO PN 5/1L										
	CH0.00	583.870	582.970	582.870			1.000				
	CH15.35	584.620	583.420	583.320			1.300	1.150			
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			13.650	0.750	0.600	6.143	28.074	34.217	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.650	0.750	0.550	5.631	32.794	38.424	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.950	0.750	0.100	1.046	6.300	7.346	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.731	10.421	12.152	



Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, Testing and 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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Panchashil Nagar-Pipe Lying MB

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			14.450			14.450		88.000	102.450
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.773			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	13.950	0.250	0.250	0.68			
	soling							0.00			
	PCC							0.00			
	Murram bedding							1.05			
								1.73			
								10.04	50.447	60.489	
	PN 7 TO PN 7/1										
	CH0.00	584.200	583.260	583.160							
	CH16.30	584.380	583.290	583.190			1.040	1.115			
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			14.600	0.750	0.565	6.187		34.217	40.404
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			14.600	0.750	0.550	6.023		38.424	44.447
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			14.900	0.750	0.100	1.118		7.346	8.464
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.849		12.152	14.000
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			15.400			15.400		102.450	117.850
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							12.209			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	14.900	0.250	0.250	0.73			
	soling							0.00			
	PCC							0.00			
	Murram bedding							1.12			
								1.85			
								10.36	60.489	70.850	
	PN 7/1 TO PN 7/2										
	CH16.30	584.380	583.290	583.190			1.190	1.115			
	CH29.50	584.360	583.420	583.320			1.040				
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			11.200	0.750	0.565	4.746		40.404	45.150
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			11.200	0.750	0.550	4.620		44.447	49.067



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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9th R A BILL MEASURMENTS CHEMBER PANCHSHIL NAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 250mm Dia										
	Excavation of Chamber - For 0.9 Dia. chamber up to Depth of 2.0 mt.- 0.9+0.5+0.3+0.3=2.0m										
	for Area of chamber up to Depth of 2m= 2 * 2=4m										
	PN 1										
	CH0.00	583.980	582.820	582.570			1.410				
	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	0.860	2.700	0.000	2.700	
	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	0.550	1.727	0.000	1.727	
	Item No. : 11 Transportation of earth Transportation charges including loading & Item No. 30 :- Refilling the excavated trenches ...							1.703	0.000	1.703	
	Total Excavation(A)=							4.427			
	Deduction of 250mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	1.160	1.23			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.70			
	Net Qty = A - B							2.72	0.00	2.72	
	PN 2										
	CH10.70	583.770	582.870	582.620			1.150				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.600	1.884	2.700	4.584	
	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	0.550	1.727	1.727	3.454	
	Item No. : 11 Transportation of earth Transportation charges including loading & Item No. 30 :- Refilling the excavated trenches ...							1.428	1.703	3.131	
	Total Excavation(A)=							3.611			
	Deduction of 250mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	0.900	0.95			
	soling							0.00			



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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Manhole MB-Panchashil Nagar

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	Total (B)							1.43			
		Net Qty = A - B						2.18		2.72	4.91
	PN 3										
	CH19.45	583.750	582.880	582.630			1.120				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.570	1.790		4.584	6.374
	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	0.550	1.727		3.454	5.181
	Item No. : 11 Transportation of earth Transportation charges including loading & Item No. 30 :- Refilling the excavated trenches ...							1.397		3.131	4.528
	Total Excavation(A)=							3.517			
	Deduction of 250mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	0.870	0.92			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	Total (B)							1.40			
		Net Qty = A - B						2.12		4.91	7.03
	PN 4										
	CH33.15	583.800	582.930	582.680			1.120				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.570	1.790		6.374	8.164
	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	0.550	1.727		5.181	6.908
	Item No. : 11 Transportation of earth Transportation charges including loading & Item No. 30 :- Refilling the excavated trenches ...							1.397		4.528	5.924
	Total Excavation(A)=							3.517			
	Deduction of 250mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	0.870	0.92			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	Total (B)							1.40			



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 Nakharwadi (Kanchurwadi), 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 Nakharwadi (Kanchurwadi) STP and Ward No.98 to

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Manhole MB-Panchashil Nagar

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EXL							
		Net Qty = A - B					2.12		7.03	9.15	
	PN 5										
	CH44.50	583.870	582.970	582.720							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.600	1.884	8.164	10.048	
	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	0.550	1.727	6.908	8.635	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.428	5.924	7.353	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.611			
	Deduction of 250mm dia pipe										
	Brick work	1.00			0.785	1.16	1.16	0.900	0.95		
	soling								0.00		
	PCC	1.00			0.785	1.56	1.56	0.25	0.48		
	Murrum bedding								0.00		
	Total (B)							1.43			
		Net Qty = A - B					2.18		9.15	11.33	
	PN 6										
	CH55.30	583.900	583.160	582.910							
	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	0.440	1.382	10.048	11.430	
	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	0.550	1.727	8.635	10.362	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.259	7.353	8.612	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.109			
	Deduction of 250mm dia pipe										
	Brick work	1.00			0.785	1.16	1.16	0.740	0.78		
	soling								0.00		
	PCC	1.00			0.785	1.56	1.56	0.25	0.48		
	Murrum bedding								0.00		
	Total (B)							1.26			
		Net Qty = A - B					1.85		11.33	13.18	
	PN 7										
	CH66.40	584.200	583.250	583.000							



Continue. MB-4610