

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/UHDSsMT/2014/184 Date 01.07.2014

Balaji Nagar Nathnagar Meas. DWC

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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. 30 :- Refilling the excavated trenches ...							8.921			
	Total Excavation=										
	Deduction of 200mm dia pipe							0.358			
	pipe area	1.000		0.785	11.400	0.200	0.200	0.000			
	soling							0.000			
	PCC							0.798			
	Murram bedding							1.156			
								7.765	228.837	236.602	
	Net Qty = A - B										
	N4.6 to N4.7							1.110			
	CH76.60	582.537	581.527	581.427				1.105			
	CH93.60	582.637	581.637	581.537							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.955	10.028	218.658	228.685	
	(b) For Lift 1.5m to 3.0m	1			15.000	0.700	0.000	0.000	2.981	2.981	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.150	1.575	25.369	26.944	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.000	0.000	10.704	10.704	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			15.600	0.700	0.100	1.092	13.881	14.973	
	Item No. : 11 Transportation of earth Transportation charges								21.110	22.110	
								1.582			
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia							16.100	71.200	150.200	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia									67.550	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.603			
	Deduction of 200mm dia pipe							0.490			
	pipe area	1.000		0.785	15.600	0.200	0.200	0.000			
	soling							0.000			
	PCC							1.092			
	Murram bedding							1.582			
								10.021	236.602	246.623	
	Net Qty = A - B										



g

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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Balaji Nagar Nathnagar Meas. SW

9th R A BILL MEASURMENTS DWC PIPE BALAJI NAGAR NATHNAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	SW PIPE - 250 mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.250+0.02+0.02+0.5=0.790m										
	For Lift 1.5 to 3.00m- 0.250+0.02+0.02+0.5+0.4= 1.190m										
	For Lift 3.0 to 4.5m- 0.250+0.5+0.02+0.02+0.4+0.4= 1.590m										
	B1 to B1.1										
	CH0.00	581.367	579.867	579.767			1.600	1.560			
	CH14.80	581.627	580.207	580.107			1.520				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.100	1.190	1.200	18.707	0.000	18.707	
	(b) For Lift 1.5m to 3.0m	1			13.100	0.790	0.060	0.621	0.000	0.621	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.100	1.190	0.150	2.338	0.000	2.338	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			13.100	1.190	0.150	2.338	0.000	2.338	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			13.400	0.790	0.100	1.059	0.000	1.059	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.825	0.000	1.825	
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			13.900			13.900	0.000	13.900	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							24.004			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	13.400	0.270	0.270	0.77			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.06			
								1.83			



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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

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Balaji Nagar NathnagarMeas. SW

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						22.18		0.00	22.18
	N1 to N1.1										
	CH0.00	581.827	580.027	579.927			1.900	1.750			
	CH16.80	582.057	580.557	580.457			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.100	1.190	1.350	24.258	18.707	42.965	
	(b) For Lift 1.5m to 3.0m	1			15.100	0.790	0.250	2.982	0.621	3.603	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.100	1.190	0.150	2.695	2.338	5.034	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.100	1.190	0.000	0.000	2.338	2.338	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.400	0.790	0.100	1.217	1.059	2.279	
	Item No. : 11 Transportation of earth Transportation charges							2.098	1.825	3.922	
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			15.900			15.900	13.900	29.822	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							29.936			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	15.400	0.270	0.270	0.88			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.22			
								2.10			
		Net Qty = A - B						27.84		22.18	50.02
	N1.1 to N1.2										
	CH16.80	582.057	580.557	580.457			1.600	1.585			
	CH36.40	582.217	580.747	580.647			1.570				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.600	1.190	1.350	28.274	42.965		
	(b) For Lift 1.5m to 3.0m	1			17.600	0.790	0.085	1.182	3.603		



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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Balaji Nagar NathnagarMeas. SW

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			17.600	1.190	0.150	3.142		5.034	8.175
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			18.200	0.790	0.100	1.438		2.275	3.713
	Item No. : 11 Transportation of earth Transportation charges							2.479		3.923	6.403
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			18.700			18.700		29.800	48.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							32.598			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	18.200	0.270	0.270	1.04			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.44			
								2.48			
								30.12		50.02	80.14
	Net Qty = A - B							30.12		50.02	80.14
	N1.2 to N1.3										
	CH36.40	582.217	580.747	580.647			1.570				
	CH58.60	582.297	580.847	580.747			1.550	1.560			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			20.200	1.190	1.350	32.451		71.239	103.691
	(b) For Lift 1.5m to 3.0m	1			20.200	0.790	0.060	0.957		4.785	5.743
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			20.200	1.190	0.150	3.606		8.175	11.781
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			20.800	0.790	0.100	1.643		3.713	5.356
	Item No. : 11 Transportation of earth Transportation charges							2.834		6.403	9.236
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			21.300			21.300		48.500	69.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							37.014			



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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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Balaji Nagar NathnagarMeas. SW

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 250mm dia pipe										
	pipe area	1.00		0.785	20.800	0.270	0.270	1.19			
	soling							0.00			
	PCC							0.00			
	Murram bedding							1.64			
								2.83			
		Net Qty = A - B						34.18		80.14	114.32
	N1.3 to N1.4										
	CH58.60	582.297	580.847	580.747			1.550				
	CH71.35	582.327	580.927	580.827			1.500	1.525			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			10.750	1.190	1.350	17.270		103.691	120.94
	(b) For Lift 1.5m to 3.0m	1			10.750	0.790	0.025	0.212		5.743	5.95
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			10.750	1.190	0.150	1.919		11.781	13.7
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.350	0.790	0.100	0.897		5.356	6.25
	Item No. : 11 Transportation of earth Transportation charges							1.546		9.236	10.78
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			11.850			11.850		69.800	81.58
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							19.401			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	11.350	0.270	0.270	0.65			
	soling							0.00			
	PCC							0.00			
	Murram bedding							0.90			
								1.55			
		Net Qty = A - B						17.85		114.32	132.17
	N1.4 to N1.5										
	CH71.35	582.327	580.927	580.827			1.500				
	CH84.95	582.347	580.937	580.837			1.510	1.505			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			11.600	1.190	1.350	18.635		120.961	139.5
	(b) For Lift 1.5m to 3.0m	1			11.600	0.790	0.005	0.046		5.955	6.0



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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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Balaji Nagar Nathnagar Meas. SW

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			11.600	1.190	0.150	2.071		13.700	15.770
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.200	0.790	0.100	0.964		6.253	7.217
	Item No. : 11 Transportation of earth Transportation charges							1.662		10.782	12.444
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			12.700			12.700		81.650	94.350
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							20.752			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	12.200	0.270	0.270	0.70			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.96			
								1.66			
								19.09		132.17	151.26
	Net Qty = A - B										
	N1.5 to N1.6										
	CH84.95	582.347	580.937	580.837			1.510	1.355			
	CH98.95	382.397	381.297	381.197			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			12.000	0.790	1.205	11.423		139.596	151.019
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.000	0.790	0.150	1.422		15.770	17.192
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.600	0.790	0.100	0.995		7.217	8.212
	Item No. : 11 Transportation of earth Transportation charges							1.716		12.444	14.161
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			13.100			13.100		94.350	107.450
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							12.845			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	12.600	0.270	0.270	0.72			



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Balaji Nagar Nathnagar Meas. SW

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							0.00			
	PCC							0.00			
	Murum bedding							1.00			
								1.72			
		Net Qty = A - B							11.13	151.26	162.39
	N6 to N7										
	CH72.05	582.397	581.007	580.907			1.490	1.575			
	CH80.15	582.557	580.997	580.897			1.660				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.100	1.190	1.350	9.800	151.019	160.819	
	(b) For Lift 1.5m to 3.0m	1			6.100	0.790	0.075	0.361	6.001	6.001	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.100	1.190	0.150	1.089	17.192	17.192	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.700	0.790	0.100	0.529	8.212	8.212	
	Item No. : 11 Transportation of earth Transportation charges							0.913	14.161	14.161	
	Extra Item 9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			7.200			7.200	107.450	114.650	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.250			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	6.700	0.270	0.270	0.38			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.53			
								0.91			
		Net Qty = A - B							10.34	162.39	172.73
	N7 to N8										
	CH80.15	582.557	580.997	580.897			1.660	1.665			
	CH89.35	582.627	581.057	580.957			1.670				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.200	1.190	1.350	11.567	160.819	172.386	
	(b) For Lift 1.5m to 3.0m	1			7.200	0.790	0.165	0.939	6.362	6.362	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.200	1.190	0.150	1.285	18.281	18.281	



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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. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.800	0.790	0.100	0.616		8.741	9.358
	Item No. : 11 Transportation of earth Transportation charges							1.063		15.073	16.136
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			8.300			8.300		114.650	122.950
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							13.791			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	7.800	0.270	0.270	0.45			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.62			
								1.06			
	Net Qty = A - B							12.73		172.73	185.46
	N8 to N9										
	CH89.35	582.627	581.057	580.957			1.670	1.660			
	CH97.85	582.657	581.107	581.007			1.650				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	1.190	1.350	10.442		172.386	182.828
	(b) For Lift 1.5m to 3.0m	1			6.500	0.790	0.160	0.822		7.301	8.122
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	1.190	0.150	1.160		19.567	20.727
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.100	0.790	0.100	0.561		9.358	9.918
	Item No. : 11 Transportation of earth Transportation charges							0.967		16.136	17.103
	Extra Item9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			7.600			7.600		122.950	130.550
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							12.424			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	7.100	0.270	0.270	0.41			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.56			



J

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

Book No. :- 166
Page No. :-

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	
1	2	3	4	5	6	7	8	9	10

Page 8 of 8

Balaji Nagar Nathnagar Meas. SW

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Up to Date Quantity
		No			L	B		D	Page	
		GL	IL	EX.L						
							0.97			
		Net Qty = A - B					11.46		185.46	196.92
	N9 to N10									
	CH97.85	582.657	581.107	581.007		1.650				
	CH120.75	582.747	581.277	581.177		1.570	1.610			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			20.900	1.190	1.350	33.576	182.828	216.404
	(b) For Lift 1.5m to 3.0m	1			20.900	0.790	0.110	1.816	8.122	9.992
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			20.900	1.190	0.150	3.731	20.727	24.457
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			20.900	1.190	0.000	0.000	2.338	2.338
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			21.500	0.790	0.100	1.699	9.918	11.617
	Item No. : 11 Transportation of earth Transportation charges							2.929	17.103	20.032
	Extra Item 9.2 (d) :-Lowering & Laying of SWG pipe of 250mm Dia	1			22.000			22.000	130.550	152.550
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation=						39.123			
	Deduction of 250mm dia pipe									
	pipe area	1.00		0.785	21.500	0.270	0.270	1.23		
	soling							0.00		
	PCC							0.00		
	Murrum bedding							1.70		
							2.93			
		Net Qty = A - B					36.19		196.91	233.11



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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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Balaji Nagar Nathnagar Meas. Chamber

9th R A BILL MEASUREMENTS OF CHEMBERS BALAJI NAGAR NATHNAGAR

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Excavation of Chamber - For 0.9 dia chamber up to 1.5 mt depth -0.9+0.5+0.3+0.3=2m										
	Area for chamber up to 1.5m=2 X 2=4m										
	B1										
	CH0.00	581.367	579.867	579.617			1.750				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	0.000	4.239	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.250	0.785	0.000	0.785	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.000	0.471	
	Item No. : 11 Transportation of earth Transportation charges							2.062	0.000	2.062	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.495			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.500	1.584			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.062			
		Net Qty = A - B							3.433	0.000	3.433
	B2										
	CH11.60	581.607	579.887	579.637			1.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	4.239	8.478	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.470	1.476	0.785	2.261	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.471	0.942	
	Item No. : 11 Transportation of earth Transportation charges							2.294	2.062	4.356	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							6.186			



g

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

Book No. :- 163
Page No. :-

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

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Balaji Nagar NathnagarMeas.Chember

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Up Date Quantit
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.720	1.817			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.294			
		Net Qty = A - B								3.433	7.3
	B3										
	CH21.70	581.717	580.287	580.037			1.680				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239		8.478	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.180	0.565		2.261	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		0.942	
	Item No. : 11 Transportation of earth Transportation charges							1.988		4.356	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.275			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.430	1.511			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.988			
		Net Qty = A - B								7.324	10
	B4										
	CH44.90	581.817	580.637	580.387			1.430				
	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	1.280	4.019		12.717	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000		2.826	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		1.413	
	Item No. : 11 Transportation of earth Transportation charges							1.724		6.345	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.490			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.180	1.246			
	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 testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-
Page No. 169

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

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Balaji Nagar NathnagarMeas.Chember

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.724			
		Net Qty = A - B								10.611	13.378
	B5										
	CH60.10	581.827	580.727	580.477			1.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768		16.736	20.504
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		1.884	2.355
	Item No. : 11 Transportation of earth Transportation charges							1.640		8.069	9.708
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.239			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.100	1.162			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.640			
		Net Qty = A - B								13.378	15.977
	B6										
	CH67.40	581.857	580.847	580.597			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	1.110	3.485		20.504	23.990
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		2.355	2.826
	Item No. : 11 Transportation of earth Transportation charges							1.544		9.708	11.253
	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			
		Net Qty = A - B								15.977	18.389
	B1.1										



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

Book No. :-
Page No. :- 170

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH14.80	581.627	580.207	579.957			1.670				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239		23.990	28.229
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.170	0.534		2.826	3.360
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		2.826	3.297
	Item No. : 11 Transportation of earth Transportation charges							1.978		11.253	13.230
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.244			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.420	1.500			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.978			
					Net Qty = A - B			3.266		18.389	21.655
	N1										
	CH0.00	581.827	580.027	579.777			2.050				
	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	1.200	3.768		28.229	31.997
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.550	1.727		3.360	5.067
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		3.297	3.768
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		0.000	0.471
	Item No. : 11 Transportation of earth Transportation charges							2.379		13.230	15.609
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							6.437			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.800	1.901			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.379			
					Net Qty = A - B			4.058		21.655	25.713



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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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Balaji Nagar NathnagarMeas.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							
N2	CH13.00	581.907	580.137	579.887			2.020				
	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	1.200	3.768	31.997	35.765	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.520	1.633	5.087	6.720	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	3.768	4.239	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.471	0.942	
	Item No. : 11 Transportation of earth Transportation charges							2.347	15.609	17.956	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							6.343			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.770	1.870			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.347			
	Net Qty = A - B							3.996	25.713	29.709	
N3	CH26.00	581.977	580.362	580.112			1.865				
	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	1.200	3.768	35.765	39.533	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.365	1.146	6.720	7.866	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	4.239	4.710	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.942	1.413	
	Item No. : 11 Transportation of earth Transportation charges							2.184	17.956	20.140	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.856			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.615	1.706			



2

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Satim 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. Infra Infrastructure Pvt. Ltd. & GECPL (Joint Venture)

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Balaji Nagar Nathnagar Meas. Chamber

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upt 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			
		Net Qty = A - B							2.184		
	N4							3.673			
	CH47.00	582.097	580.617	580.367			1.730		29.709	33.38	
	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	1.200	3.768	39.533	43.301	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.230	0.722	7.866	8.588	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	4.710	5.181	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	1.413	1.884	
	Item No. : 11 Transportation of earth Transportation charges							2.041	20.140	22.181	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.432			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.480	1.563			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							2.041			
		Net Qty = A - B							3.391	33.382	36.773
	N5	582.247	580.787	580.537			1.710				
	CH58.85										
	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	1.200	3.768	43.301	47.069	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.210	0.659	8.588	9.247	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	5.181	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	0.150	0.471	1.884	2.355	
	Item No. : 11 Transportation of earth Transportation charges							2.020	22.181	24.200	



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 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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Balaji Nagar Nathnagar 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							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.369				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.460	1.542			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							2.020			
		Net Qty = A - B						3.350		36.773	40.122
	N6										
	CH72.05	582.397	581.007	580.757			1.640				
	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	1.200	3.768	47.069	50.837	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.140	0.440	9.247	9.687	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	5.652	6.123	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	2.355	2.826	
	Item No. : 11 Transportation of earth Transportation charges							1.946	24.200	26.146	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.150			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.390	1.468			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.946			
		Net Qty = A - B						3.204		40.122	43.326
	N1.1										
	CH16.80	582.057	580.557	580.307			1.750				
	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	1.350	4.239	50.837	55.076	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.250	0.785	9.687	10.472	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	6.123	6.594	



2

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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Balaji Nagar Nathnagar Meas.Chember

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. : 11 Transportation of earth Transportation charges						2.062		26.146	28.208	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.495				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.500	1.584			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)						2.062				
				Net Qty = A - B			3.433		43.326	46.759	
	N1.2										
	CH36.40	582.217	580.747	580.497			1.720				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	55.076	59.315	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.220	0.691	10.472	11.163	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	6.594	7.065	
	Item No. : 11 Transportation of earth Transportation charges						2.030		28.208	30.239	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.401				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.470	1.553			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)						2.030				
				Net Qty = A - B			3.370		46.759	50.130	
	N1.3										
	CH58.60	582.297	580.847	580.597			1.700				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	59.315	63.554	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.200	0.628	11.163	11.791	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	7.065	7.536	
	Item No. : 11 Transportation of earth Transportation charges						2.009		30.239	32.248	



J

Name of work:- Development of Underground Sewerage Collection System for Zone 1 to V1 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.

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

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)=						5.338				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.450			1.532	
	soling									0.000	
	PCC	1		0.785	1.560	1.560	0.250			0.478	
	Murrum bedding									0.000	
	Total (B)						2.009				
		Net Qty = A - B						3.329	50.130	53.458	
	N1.4										
	CH71.35	582.327	580.927	580.677			1.650				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	63.554	67.793	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.150	0.471	11.791	12.262	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	7.536	8.007	
	Item No. : 11 Transportation of earth Transportation charges							1.956	32.248	34.204	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.181				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.400	1.479			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)						1.956				
		Net Qty = A - B						3.225	53.458	56.683	
	N1.5										
	CH84.95	582.347	580.937	580.687			1.660				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	67.793	72.032	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.160	0.502	12.262	12.764	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	8.007	8.478	
	Item No. : 11 Transportation of earth Transportation charges							1.967	34.204	36.171	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.212				



J

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.410	1.489			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.967			
		Net Qty = A - B							3.245	56.683	59.928
	N1.6										
	CH98.95	382.397	381.297	381.047			1.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.200	3.768	72.032	75.800	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	8.478	8.949	
	Item No. : 11 Transportation of earth Transportation charges							1.640	36.171	37.811	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.239			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.100	1.162			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.640			
		Net Qty = A - B							2.599	59.928	62.528
	N4.1										
	CH14.40	582.397	580.947	580.697			1.700				
	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	1.350	4.239	75.800	80.000	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.200	0.628	12.764	13.392	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	8.949	9.419	
	Item No. : 11 Transportation of earth Transportation charges							2.009	37.811	39.820	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.338			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.450	1.532			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			



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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 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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Balaji Nagar Nathnagar Meas.Chember

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Murram bedding							0.000			
	Total (B)							2.009			
		Net Qty = A - B						3.329		62.528	65.857
	N4.2										
	CH27.60	582.447	581.187	580.937			1.510				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	80.039	84.278	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.010	0.031	13.392	13.424	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	9.420	9.891	
	Item No. : 11 Transportation of earth Transportation charges							1.809	39.820	41.629	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.741			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.260	1.331			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murram bedding							0.000			
	Total (B)							1.809			
		Net Qty = A - B						2.933		65.857	68.790
	N4.3										
	CH38.50	582.437	581.237	580.987			1.450				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.300	4.082	84.278	88.360	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	9.891	10.362	
	Item No. : 11 Transportation of earth Transportation charges							1.745	41.629	43.374	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.553			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.200	1.268			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murram bedding							0.000			
	Total (B)							1.745			
		Net Qty = A - B						2.808		68.790	71.597
	N4.4										



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

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Balaji Nagar NathnagarMeas.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							
	CH51.10	582.467	581.237	580.987			1.480				
	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	1.330	4.176		88.360	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		10.362	
	Item No. : 11 Transportation of earth Transportation charges							1.777		43.374	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.647			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.230	1.299			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.777			
					Net Qty = A - B			2.870		71.597	74.468
	N4.5										
	CH63.80	582.567	581.417	581.167			1.400				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925		92.536	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		10.833	
	Item No. : 11 Transportation of earth Transportation charges							1.692		45.151	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.396			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.150	1.215			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.692			
					Net Qty = A - B			2.704		74.468	77.171
	N4.6										
	CH76.60	582.537	581.527	581.277			1.260				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										



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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.

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

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	1.110	3.485		96.461	99.946
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		11.304	11.775
	Item No. : 11 Transportation of earth Transportation charges							1.544		46.843	48.387
	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			
	Murrum bedding							0.000			
	Total (B)							1.544			
					Net Qty = A - B			2.412		77.171	79.583
	N4.7										
	CH93.60	582.637	581.637	581.387			1.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.100	3.454		99.946	103.400
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		11.775	12.246
	Item No. : 11 Transportation of earth Transportation charges							1.534		48.387	49.921
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.925			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.000	1.056			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.534			
					Net Qty = A - B			2.391		79.583	81.974
	N7										
	CH80.15	582.557	580.997	580.747			1.810				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239		103.400	107.639
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.310	0.973		13.424	14.397
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										



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

Book No. :- 180
Page No. :-

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

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Balaji Nagar Nathnagar Meas.Chember

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		12.246	12.717
	Item No. : 11 Transportation of earth Transportation charges							2.125		49.921	52.047
	Item No. 30 :- Refilling the excavated trenches ...							5.683			
	Total Excavation(A)=										
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.560	1.648			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							2.125			
								3.558		81.974	85.532
	N8										
	CH89.35	582.627	581.057	580.807				1.820			
	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	1.350	4.239		107.639	111.878
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.320	1.005		14.397	15.402
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		12.717	13.188
	Item No. : 11 Transportation of earth Transportation charges							2.136		52.047	54.183
	Item No. 30 :- Refilling the excavated trenches ...							5.715			
	Total Excavation(A)=										
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.570	1.658			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							2.136			
								3.579		85.532	89.111
	N9										
	CH97.85	582.657	581.107	580.857				1.800			
	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	1.350	4.239		111.878	116.117
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.300	0.942		15.402	16.059
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		13.188	13.659



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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.

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

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

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. : 11 Transportation of earth Transportation charges						2.115		54.183	56.297
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=						5.652			
	Deduction									
	Brick work	1		0.785	1.160	1.160	1.550	1.637		
	soling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murram bedding							0.000		
	Total (B)						2.115			
		Net Qty = A - B					3.537		89.111	92.648
	N10									
	CH120.75	582.747	581.277	581.027			1.720			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.350	4.239	116.117	120.356
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.220	0.691	16.344	17.035
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	13.659	14.130
	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	0.000	0.000	2.826	2.826
	Item No. : 11 Transportation of earth Transportation charges						2.030		56.297	58.328
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=						5.401			
	Deduction									
	Brick work	1		0.785	1.160	1.160	1.470	1.553		
	soling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murram bedding							0.000		
	Total (B)						2.030			
		Net Qty = A - B					3.370		92.648	96.019



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

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

Date of	Particulars of Work	Details				Last Measurement		Total up to Date
		units	years	Page	Quan-			

Page 1 of 1

Balaji Nagar NathnagarCHEMBER

9th R A BILL MEASURMENTS CHEMBER DETAILS BALAJI NAGAR NATHNAGAR

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Q 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	NAGESHWARWADI						
1	B1	581.367	579.867	1.500	1.500	0.000	
2	B2	581.607	579.887	1.720	1.500	0.220	
3	B3	581.717	580.287	1.430	1.500	-0.070	
4	B4	581.817	580.637	1.180	1.500	-0.320	
5	B5	581.827	580.727	1.100	1.500	-0.400	
6	B6	581.857	580.847	1.010	1.500	-0.490	
7	B1.1	581.627	580.207	1.420	1.500	-0.080	
8	N1	581.827	580.027	1.800	1.500	0.300	
9	N2	581.907	580.137	1.770	1.500	0.270	
10	N3	581.977	580.362	1.615	1.500	0.115	
11	N4	582.097	580.617	1.480	1.500	-0.020	
12	N5	582.247	580.787	1.460	1.500	-0.040	
13	N6	582.397	581.007	1.390	1.500	-0.110	
14	N1.1	582.057	580.557	1.500	1.500	0.000	
15	N1.2	582.217	580.747	1.470	1.500	-0.030	
16	N1.3	582.297	580.847	1.450	1.500	-0.050	
17	N1.4	582.327	580.927	1.400	1.500	-0.100	
18	N1.5	582.347	580.937	1.410	1.500	-0.090	
19	N1.6	382.397	381.297	1.100	1.500	-0.400	
20	N4.1	582.397	580.947	1.450	1.500	-0.050	
21	N4.2	582.447	581.187	1.260	1.500	-0.240	
22	N4.3	582.437	581.237	1.200	1.500	-0.300	
23	N4.4	582.467	581.237	1.230	1.500	-0.270	
24	N4.5	582.567	581.417	1.150	1.500	-0.350	
25	N4.6	582.537	581.527	1.010	1.500	-0.490	
26	N4.7	582.637	581.637	1.000	1.500	-0.500	
27	N7	582.557	580.997	1.560	1.500	0.060	
28	N8	582.627	581.057	1.570	1.500	0.070	
29	N9	582.657	581.107	1.550	1.500	0.050	
30	N10	582.747	581.277	1.470	1.500	-0.030	
TOTAL						-3.345	-11.150



J

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.

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

Balaji Nagar NathnagarQuantity Abstract Balaji Nagar

QUANTITY ABSTRACT																							
BALAJI NAGAR NATHNAGAR																							
Sl. No.	Description	MURPS	ITEM 1		ITEM 2		ITEM 4		ITEM 7		ITEM 11		ITEM 12		ITEM 13		ITEM 30	Extra Item 2		Extra Item 2.a	Extra Item No. 9.1	Extra Item No. 9.2	
			0-1.5	1.5-3.0	0-1.5	1.5-3.0	0-1.5	1.5-3.0	200mm	250mm	200mm	250mm	200mm	250mm	200mm	250mm		0-1.5 m	RR (1420)				Rebate
1	For Pipe		445.089	32.920	51.402	13.042	26.590	42.724	150.200	67.550	150.200	67.550	150.200	67.550	150.200	67.550	479.728	26.000	4.000	-11.150	152.55		152.55
2	For Manhole		120.356	37.035	34.330	2.826	58.328	101.052	150.200	67.550	150.200	67.550	150.200	67.550	150.200	67.550	96.019	26.000	4.000	-11.150	152.55		152.55
	Total		565.445	29.954	65.532	15.868	26.590	101.052	150.200	67.550	150.200	67.550	150.200	67.550	150.200	575.747	26.000	4.000	-11.150	152.55	0.00	152.55	

CONTRACTOR



PMC



Jr. Engineer

[Signature]

CLIENT

Dy. Engineer

[Signature]

Ex. Engineer

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

Book No. :- 184
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Page 1

Pipe lying MB Sai Varandhavan Colony-03

9th R A BILL MEASUREMENTS DWC PIPE SAI VRANDHAVAN COLONY-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 200mm Dia										
	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										
	SVN 01 TO SVN 02										
	CH0.00	547.830	546.985	546.885			0.945	0.948			
	CH9.40	547.905	547.055	546.955			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			7.400	0.700	0.948	4.908		0.000	4.908
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.000	0.700	0.100	0.560		0.000	0.560
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.811		0.000	0.811
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.500			8.500		0.000	8.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.908			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	8.000	0.200	0.200	0.251			
	soling							0.000			
	PCC							0.560			
	Murrum bedding							0.811			
	Net Qty = A - B							4.097		0.000	4.097
	SVN 02 TO SVN 03										
	CH9.40	547.905	547.055	546.955			0.950	0.930			
	CH16.10	547.935	547.125	547.025			0.910				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.700	0.700	0.930	3.060		4.908	7.968
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.300	0.700	0.100	0.371		0.560	0.931
	Item No. : 11 Transportation of earth Transportation charges							0.537		0.811	1.342
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.800			5.800		8.500	14.302



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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	
1	2	3	4	5	6	7	8	9	10

Page 2

Pipe laying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						3.060				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.300	0.200	0.200	0.166			
	soiling							0.000			
	PCC							0.000			
	Murram bedding							0.371			
							0.537				
							Net Qty = A - B	2.522	4.097	6.619	
	SVN 03 TO SVN 04										
	CR16.10	547.935	547.125	547.025			0.910				
	CR22.20	548.105	547.275	547.175			0.930	0.920			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			4.100	0.700	0.920	2.640	7.968	10.608	
	Item No. 7 :- Filling in plinth and form/ trenches etc complete (bedding)	1			4.700	0.700	0.100	0.329	0.931	1.260	
	Item No. 11 Transportation of earth Transportation charges							0.477	1.349	1.825	
	Item No. 03 :- (b) Lowering & Laying of Polyethylene DWPC pipe of 200mm Dia	1			5.200			5.200	14.300	19.500	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.640			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.700	0.200	0.200	0.148			
	soiling							0.000			
	PCC							0.000			
	Murram bedding							0.329			
								0.477			
							Net Qty = A - B	2.164	6.619	8.783	



2

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

Book No. :- 186
Page No. :-

M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Page 1

Pipe lying MB Sai Varandhavan Colony-03

9th R A BILL MEASUREMENTS DWC PIPE SAI VRANDHAVAN COLONY-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 200mm Dia										
	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										
	SVC 01 TO SVC 02										
	CH0.00	547.775	547.115	547.015			0.760	0.785			
	CH20.60	548.025	547.315	547.215			0.810				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.600	0.700	0.585	7.617	10.608	18.225	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.600	0.700	0.150	1.953	0.000	1.953	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.600	0.700	0.050	0.651	0.000	0.651	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			19.200	0.700	0.100	1.344	1.260	2.604	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.947	1.825	4.431	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			19.700			19.700	19.500	34.231	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							10.221			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	19.200	0.200	0.200	0.603			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.344			
								1.947			
									8.783	17.454	
	SVC 02 TO SVC 03							8.274			
	CH20.60	548.025	547.315	547.215			0.810	0.845			
	CH34.45	548.135	547.355	547.255			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			11.850	0.700	0.645	5.350	18.225	36.476	



2

Page No. :-

Pipe lying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.850	0.700	0.150	1.244		1.953	3.197
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.850	0.700	0.050	0.415		0.651	1.066
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.450	0.700	0.100	0.872		2.604	3.476
	Item No. : 11 Transportation of earth Transportation charges							1.262		3.772	5.035
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			12.950			12.950		39.200	52.150
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.009			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	12.450	0.200	0.200	0.391			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.872			
								1.262			
								5.747		17.057	22.804
	Net Qty = A - B										
	SVC 03 TO SVC 04										
	CH34.45	548.135	547.355	547.255			0.880	0.835			
	CH48.70	548.125	547.435	547.335			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			12.250	0.700	0.635	5.445		23.575	29.020
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.250	0.700	0.150	1.286		3.197	4.484
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.250	0.700	0.050	0.429		1.066	1.495
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.850	0.700	0.100	0.900		3.476	4.375
	Item No. : 11 Transportation of earth Transportation charges							1.303		5.035	6.338
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.350			13.350		52.150	65.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.160			
	Deduction of 200mm dia pipe										



2

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	12.850	0.200	0.200	0.403			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.900			
								1.303			
		Net Qty = A - B						5.857	22.804	28.661	
	SVC 04 TO SVC 05										
	CH48.70	548.125	547.435	547.335			0.790	0.790			
	CH62.90	548.170	547.480	547.380			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			12.200	0.700	0.590	5.039	29.020	34.059	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.200	0.700	0.150	1.281	4.484	5.765	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.200	0.700	0.050	0.427	1.495	1.922	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.800	0.700	0.100	0.896	4.375	5.271	
	Item No. : 11 Transportation of earth Transportation charges							1.298	6.338	7.636	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.300			13.300	65.500	78.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.747			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	12.800	0.200	0.200	0.402			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.896			
								1.298			
		Net Qty = A - B						5.449	28.661	34.109	
	SVC 05 TO SVC 06										
	CH62.90	548.170	547.480	547.380			0.790	0.850			
	CH74.75	548.460	547.650	547.550			0.910				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.850	0.700	0.650	4.482	34.059	38.541	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.850	0.700	0.150	1.034	5.765	6.799	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.850	0.700	0.050	0.345	1.922	2.267	



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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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Pipe laying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.450	0.700	0.100	0.732		5.271	6.003
	Item No. : 11 Transportation of earth Transportation charges							1.060		7.635	8.695
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.950			10.950		78.800	89.750
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.861			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	10.450	0.200	0.200	0.328			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.732			
								1.060			
	Net Qty = A - B							4.801		34.109	38.911
	SVC 06 TO SVC 07										
	CH74.75	548.460	547.650	547.550				0.910			
	CH84.00	548.650	547.780	547.680				0.970	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			7.250	0.700	0.740	3.756		38.541	42.296
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.250	0.700	0.150	0.761		6.799	7.560
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.250	0.700	0.050	0.254		2.266	2.520
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.850	0.700	0.100	0.550		6.003	6.552
	Item No. : 11 Transportation of earth Transportation charges							0.796		8.695	9.491
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.350			8.350		89.750	98.100
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.771			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	7.850	0.200	0.200	0.246			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.550			
								0.796			
	Net Qty = A - B							3.975		38.911	42.885
	SVC 07 TO SVC 08										
	CH84.00	548.650	547.780	547.680				0.970			



2

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							
	CH91.20	548.750	547.850	547.750			1.000	0.785			
	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	0.700	0.785	2.857		42.296	45.154
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	0.150	0.546		7.560	8.106
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	0.050	0.182		2.520	2.702
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.800	0.700	0.100	0.406		6.552	6.958
	Item No. : 11 Transportation of earth Transportation charges							0.588		9.491	10.079
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.300			6.300		98.100	104.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.585			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.800	0.200	0.200	0.182			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.406			
								0.588			
								Net Qty = A - B		2.997	42.885
	SVC 08 TO SVC 09										
	CH91.20	548.750	547.850	547.750			1.000	1.025			
	CH98.05	548.860	547.910	547.810			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			4.850	0.700	0.825	2.801		45.154	45.154
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.850	0.700	0.150	0.509		8.106	8.106
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.850	0.700	0.050	0.170		2.702	2.702
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.450	0.700	0.100	0.382		6.958	6.958
	Item No. : 11 Transportation of earth Transportation charges							0.553		10.079	10.079



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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. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.950			5.950		104.400	110.350
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.480			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.450	0.200	0.200	0.171			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.382			
								0.553			
								Net Qty = A - B		45.882	48.810
	SVC 09 TO SVC 10							2.927			
	CH98.05	548.860	547.910	547.810			1.050				
	CH105.00	548.950	547.960	547.860			1.090	1.070			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.950	0.700	0.870	3.015		47.954	50.969
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.950	0.700	0.150	0.520		8.615	9.135
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.950	0.700	0.050	0.173		2.872	3.045
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			5.550	0.700	0.100	0.389		7.340	7.728
	Item No. : 11 Transportation of earth Transportation charges							0.563		10.632	11.195
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.050			6.050		110.350	116.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.708			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.550	0.200	0.200	0.174			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.389			
								0.563			
								Net Qty = A - B		48.810	51.954
	SVC 10 TO SVC 11							3.145			
	CH105.00	548.950	547.960	547.860			1.090				
	CH108.65	548.980	548.030	547.930			1.050	1.070			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.650	0.700	0.870	1.005		50.969	51.974



2

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

Pipe lying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upt. Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.650	0.700	0.150	0.173		9.135	9.3
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.650	0.700	0.050	0.058		3.045	3.0
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.250	0.700	0.100	0.158		7.728	7.8
	Item No. : 11 Transportation of earth Transportation charges							0.228		11.195	11.4
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			2.750			2.750		116.400	117.0
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.236			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	2.250	0.200	0.200	0.071			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.158			
								0.228			
	Net Qty = A - B							1.008		51.954	52.95
	SVC 11 TO SVC 12										
	CH108.65	548.980	548.030	547.930			1.050				
	CH118.30	549.100	548.050	547.950			1.150	1.100			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.650	0.700	0.900	4.820		51.974	52.0
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.650	0.700	0.150	0.803		9.308	9.4
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.650	0.700	0.050	0.268		3.103	3.1
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.250	0.700	0.100	0.578		7.886	7.9
	Item No. : 11 Transportation of earth Transportation charges							0.837		11.423	11.5
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.750			8.750		119.150	120.0
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.891			
	Deduction of 200mm dia pipe										



2

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	8.250	0.200	0.200	0.259			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.578			
								0.837			
		Net Qty = A - B						5.054	52.962	58.016	
	SVC 12 TO SVC 13										
	CH118.30	549.100	548.050	547.950			1.150	1.155			
	CH129.20	549.290	548.230	548.130			1.160				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.900	0.700	0.955	5.950	56.793	62.743	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.900	0.700	0.150	0.935	10.112	11.046	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.900	0.700	0.050	0.312	3.371	3.682	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.500	0.700	0.100	0.665	8.463	9.128	
	Item No. : 11 Transportation of earth Transportation charges							0.963	12.259	13.223	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.000			10.000	127.900	137.900	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.196			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	9.500	0.200	0.200	0.298			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.665			
								0.963			
		Net Qty = A - B						6.232	58.016	64.248	
	SVC 13 TO SVC 14										
	CH129.20	549.290	548.230	548.130			1.160	1.005			
	CH143.40	549.080	548.330	548.230			0.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.200	0.700	0.805	6.875	62.743	69.618	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.200	0.700	0.150	1.281	11.046	12.327	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.200	0.700	0.050	0.427	3.682	4.109	



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

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Pipe lying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.800	0.700	0.100	0.896		9.128	10.024
	Item No. : 11 Transportation of earth Transportation charges							1.298		13.223	14.521
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.300			13.300		137.900	151.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.583			
	Deduction of 200mm dia pipe										
	pipe area	1.000									
	soling			0.785	12.800	0.200	0.200	0.402			
	PCC							0.000			
	Murrum bedding							0.000			
								0.896			
								1.298			
	SVC 02 TO SVC 02/1							7.285		64.248	71.533
	CH0.00	548.025	547.315	547.215							
	CH1.50	548.125	547.435	547.335				0.810			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.							0.790			
	(a) For Lift 0 to 1.5m	1			1.500	0.700	0.600	0.630		69.618	70.248
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.500	0.700	0.150	0.158		12.327	12.327
	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	0.050	0.053		4.109	4.109
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.500	0.700	0.100	0.105		10.024	10.024
	Item No. : 11 Transportation of earth Transportation charges							0.152		14.520	14.520
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.500			1.500		151.200	151.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.840			
	Deduction of 200mm dia pipe										
	pipe area	1.000									
	soling			0.785	1.500	0.200	0.200	0.047			
	PCC							0.000			
	Murrum bedding							0.000			
								0.105			
								0.152			
	SVC 02 TO SVC 02/2							0.688		71.533	72.221
	CH0.00	548.025	547.315	547.215				0.810			



2

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. & GECPI (Joint Venture)

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Pipe lying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH1.00	548.125	547.435	547.335			0.790	0.000			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.600	0.420		70.248	70.668
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.150	0.105		12.485	12.590
	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	0.050	0.035		4.162	4.197
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)				1.000	0.700	0.100	0.070		10.129	10.199
	Item No. : 11 Transportation of earth Transportation charges							0.101		14.673	14.774
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.000			1.000		152.700	153.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.560			
	Deduction of 200mm dia pipe pipe area	1.000		0.785	1.000	0.200	0.200	0.031			
	soiling							0.000			
	POC							0.000			
	Murrum bedding							0.070			
								0.101			
	SVC 03 TO SVC 03/1							0.459		72.221	72.680
	CH0.00	548.135	547.355	547.255				0.880			
	CH1.00	548.235	547.475	547.375				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			1.000	0.700	0.670	0.469		70.668	71.137
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	0.150	0.105		12.590	12.695
	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	0.050	0.035		4.197	4.232
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)				1.000	0.700	0.100	0.070		10.199	10.269
	Item No. : 11 Transportation of earth Transportation charges							0.101		14.774	14.875



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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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Pipe lying MB Sai Varandhavan Colony-03

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	pipe area	1.000		0.785	4.000	0.200	0.200	0.126			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.280			
								0.406			
		Net Qty = A - B							2.282	75.134	77.416
	SVC 08 TO SVC 08/1										
	CH0.00	548.750	547.850	547.750			1.000				
	CH4.00	548.850	547.970	547.870			0.980	0.990			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.790	2.212	75.057	77.269	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.000	0.700	0.150	0.420	13.535	13.955	
	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	0.050	0.140	4.512	4.652	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.000	0.700	0.100	0.280	10.829	11.109	
	Item No. : 11 Transportation of earth Transportation charges							0.406	15.687	16.093	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.000			4.000	162.700	166.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.772			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.000	0.200	0.200	0.126			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.280			
								0.406			
		Net Qty = A - B							2.366	77.416	79.782
	SVC 11 TO SVC 11/1										
	CH0.00	548.980	548.030	547.930			1.050				
	CH34.40	548.700	548.140	548.040			0.660	0.855			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			32.400	0.700	0.655	14.855	77.269	92.124	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			32.400	0.700	0.150	3.402	13.955	17.327	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			32.400	0.700	0.050	1.134	4.652	5.777	



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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.

Pipe lying MB Sai Varandhavan Colony-03

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. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			33.000	0.700	0.100	2.310		11.109	13.419	
	Item No. : 11 Transportation of earth Transportation charges							3.346		16.092	19.438	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			33.500			33.500		166.700	200.200	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							19.391				
	Deduction of 200mm dia pipe											
	pipe area	1.000		0.785	33.000	0.200	0.200	1.036				
	soling							0.000				
	PCC							0.000				
	Murrum bedding							2.310				
								3.346				
								Net Qty = A - B		16.045	79.782	95.828
	SVC 11/1 TO SVC 11/2											
	CH34.40	548.700	548.140	548.040				0.660				
	CH56.60	548.750	548.210	548.110				0.640		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			20.200	0.700	0.450	6.363		92.124	98.487	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			20.200	0.700	0.150	2.121		17.357	19.478	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			20.200	0.700	0.050	0.707		5.786	6.493	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			20.800	0.700	0.100	1.456		13.419	14.875	
	Item No. : 11 Transportation of earth Transportation charges							2.109		19.438	21.548	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			21.300			21.300		200.200	221.500	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							9.191				
	Deduction of 200mm dia pipe											
	pipe area	1.000		0.785	20.800	0.200	0.200	0.653				
	soling							0.000				
	PCC							0.000				
	Murrum bedding							1.456				
								2.109				
								Net Qty = A - B		7.082	95.828	102.910
	SVC 11.2 TO SVC 11.3											
	CH56.60	548.750	548.210	548.110				0.640				



continued in MR 4501