

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. :-
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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

Page 1

Pipe Lying MB Kutubpura Near Vidhyapith Gate

9th R A BILL MEASUREMENTS DWC PIPE KUTUBPURA

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 - 200 mm 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										
	K 1 to K 2										
	CH0.00	578.465	577.730	577.630			0.835	0.883			
	CH13.00	578.750	577.920	577.820			0.930				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	0.700	0.683	5.255	0.000	5.255	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	0.700	0.100	0.770	0.000	0.770	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	0.700	0.100	0.770	0.000	0.770	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.600	0.700	0.100	0.812	0.000	0.812	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.176	0.000	1.176	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			12.100			12.100	0.000	12.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.795			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	11.600	0.200	0.200	0.36			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.81			
								1.18			
								5.62	0.00	5.62	
	K 2 to K 3										
	CH13.00	578.750	577.920	577.820			0.930	0.985			
	CH22.30	579.000	578.060	577.960			1.040				



W. K. Karhve

Name of work :- Development of Underground Sewerage Collection system for Zone 1 in W
 The work includes Construction, Erecting, Testing and Commissioning of Sewage Treatment
 The work is meant to install technology at Nakshtrawadi (Kanchanwadi), Banawadi, Siddharth
 Garden, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission
 of sewage pumping stations at Banawadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward
 No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main
 from Banawadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to
 Banawadi SPS.

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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

Page 2 Pipe Lying MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity		
		No			L	B		D	Page		Quantity	
		GL	IL	EX.L								
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			7.300	0.700	0.785	4.011		5.255	9.267 ✓	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			7.300	0.700	0.100	0.511		0.770	1.281 ✓	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			7.300	0.700	0.100	0.511		0.770	1.281 ✓	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.900	0.700	0.100	0.553		0.812	1.365 ✓	
	Item No. : 11 Transportation of earth Transportation charges							0.801		1.176	1.977 ✓	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.400			8.400		12.100	20.500 ✓	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							5.033				
	Deduction of 200mm dia pipe											
	pipe area	1.00		0.785	7.900	0.200	0.200	0.25				
	soling							0.00				
	PCC							0.00				
	Murrum bedding							0.55				
								0.80				
		Net Qty = A - B							4.23		5.62	9.85 ✓
	K 3 to K 4											
	CH22.30	579.000	578.060	577.960			1.040	1.005				
	CH27.60	579.020	578.150	578.050			0.970					
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			3.300	0.700	0.805	1.860		9.267	11.126 ✓	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			3.300	0.700	0.100	0.231		1.281	1.512 ✓	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			3.300	0.700	0.100	0.231		1.281	1.512 ✓	



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... .. Erecting, Testing and Commissioning of Sewage Treatment
... .. at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth
... .. (Airport), Construction, Erection, Testing and Commission
... .. Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaha, Ward
... .. (Airport), Providing, lowering, laying jointing and testing rising main
... .. from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to
... ..

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

Location:- No. AMC Ward B&C/HDSMT/2014/1&4 Date.01.07.2014

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Pipe Lying MB Kutubpura Near Vidhyapith Gate

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			
	Murrum bedding							1.21			
								1.75			
		Net Qty = A - B						9.12	11.78	20.89	
	K 5 to K 6										
	CH46.30	579.300	578.510	578.410			0.890				
	CH49.10	579.510	578.720	578.620			0.890	0.890			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.800	0.700	0.690	0.386	19.660	20.046	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.800	0.700	0.100	0.056	2.681	2.737	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.800	0.700	0.100	0.056	2.681	2.737	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.400	0.700	0.100	0.098	2.849	2.947	
	Item No. : 11 Transportation of earth Transportation charges							0.142	4.127	4.269	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.900			1.900	42.700	44.600	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.498			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	1.400	0.200	0.200	0.04			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.10			
								0.14			
		Net Qty = A - B						0.36	20.89	21.25	
	K 6 to K 7										
	CH49.10	579.510	578.720	578.620			0.890				
	CH46.70	579.670	578.830	578.730			0.940	0.915			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.600	0.660	0.715	5.946	20.046	25.992	



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

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

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

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Pipe Lying MB Kutubpura Near Vidhyapith Gate

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			12.600	0.660	0.100	0.832		2.737	3.569
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.600	0.660	0.100	0.832		2.737	3.569
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			13.200	0.660	0.100	0.871		2.947	3.818
	Item No. : 11 Transportation of earth Transportation charges							1.136		4.269	5.405
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia										
	(a) For Lift 0 to 1.5m	1			13.700			13.700		0.000	13.700
	Item No. 30 :- Refilling the excavated trenches --										
	Total Excavation=-							7.609			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	13.200	0.160	0.160	0.27			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.87			
								1.14			
								6.47		21.25	27.72
	Net Qty = A - B										
	K 7 to K 8										
	CH63.70	579.670	578.830	578.730			0.940	0.990			
	CH76.30	579.940	579.000	578.900			1.040				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.660	0.790	5.527		25.992	31.519
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.660	0.100	0.700		3.569	4.268
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.660	0.100	0.700		3.569	4.268
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			11.200	0.660	0.100	0.739		3.818	4.557
	Item No. : 11 Transportation of earth Transportation charges							0.964		5.405	6.370



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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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Pipe Lying MB Kutubpura Near Vidhyapith Gate

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			4.600	0.660	0.100	0.304		4.815	5.118
	Item No. : 11 Transportation of earth Transportation charges							0.396		6.705	7.101
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			5.100			5.100		29.800	34.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.297			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	4.600	0.160	0.160	0.09			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.30			
								0.40			
								1.90		35.42	37.32
	Net Qty = A - B										
	K 10 to K 11										
	CH87.60	579.930	579.150	579.050				0.880			
	CH100.00	579.990	579.160	579.060				0.930		0.905	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.400	0.660	0.905	6.212		35.885	42.097
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.000	0.660	0.100	0.726		5.118	5.844
	Item No. : 11 Transportation of earth Transportation charges							0.947		7.101	8.049
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			11.500			11.500		34.900	46.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.212			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	11.000	0.160	0.160	0.22			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.73			
								0.95			
								5.26		37.32	42.58
	Net Qty = A - B										
	K 11 to K 12										
	CH100.00	579.990	579.160	579.060				0.930			
	CH112.30	580.170	579.320	579.220				0.950		0.940	



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

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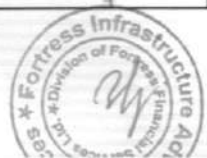
Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)

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

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Pipe Lying MB Kutubpura Near Vidhyapith Gate

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					3.14		48.04	51.17	
	K 13 to K 14										
	CH120.70	580.260	579.540	579.440		0.820	0.810				
	CH139.30	580.320	579.620	579.520		0.800					
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.600	0.660	0.810	8.874	52.225	61.100	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			17.200	0.660	0.100	1.135	7.026	8.161	
	Item No. : 11 Transportation of earth Transportation charges							1.481	9.590	11.071	
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			17.700			17.700	65.300	83.000	
	Item No. 30 :- Refilling the excavated trenches --										
	Total Excavation=							8.874			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	17.200	0.160	0.160	0.35			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.14			
								1.48			
								7.39	51.17	58.57	
	K 4 to K 4/1										
	CH0.00	579.020	578.150	578.050		0.970	0.940				
	CH12.90	579.340	578.530	578.430		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			11.200	0.660	0.740	5.470	61.100	66.570	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	0.660	0.100	0.739	4.268	5.007	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	0.660	0.100	0.739	4.268	5.007	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.500	0.660	0.100	0.759	8.161	8.920	
	Item No. : 11 Transportation of earth Transportation charges							0.990	11.071	12.061	



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... Commissioning of Sewage Treatment ...
... Construction, Erection, Testing and Commissioning ...
... Providing, lowering, laying jointing and testing rising main ...
... SPS to Nakshirawadi (Kanchanwadi) STP and Ward No.98 to ...

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)
Work No. AAC/Ward B&C/UIDSSMT/2014/184 Date: 01.07.2014

Pipe Lying MB Kutubpura Near Vidhyapith Gate

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 :- (a) Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			12.000			12.000	83.000	95.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						6.948				
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	11.500	0.160	0.160	0.23			
	soiling							0.00			
	PCC							0.00			
	Murum bedding							0.76			
								0.99			
		Net Qty = A - B						5.96	58.57	64.52	
	K 4/1 to K 4/2										
	CH12.90	579.340	578.530	578.430			0.910				
	CH22.20	579.110	578.540	578.440			0.670	0.790			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			7.300	0.660	0.590	2.843	66.570	69.412	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.300	0.660	0.100	0.482	5.007	5.489	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.300	0.660	0.100	0.482	5.007	5.489	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.900	0.660	0.100	0.521	8.920	9.441	
	Item No. : 11 Transportation of earth Transportation charges							0.680	12.061	12.741	
	Item No. 13 :- (a) Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			8.400			8.400	95.000	103.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						3.806				
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	7.900	0.160	0.160	0.16			
	soiling							0.00			
	PCC							0.00			
	Murum bedding							0.52			
								0.68			
		Net Qty = A - B						3.13	64.52	67.65	
	K 4/1 to K 4/2										
	CH22.20	579.110	578.540	578.440			0.670				



... and Sewerage Collection system by ...
... Testing and Commissioning of Sewerage ...
... at Nakshirawadi (Kanchanwadi), Baner, ...
... (Airport), Construction, Erection, Testing and Commissioning ...
... at Banerwadi, Siddharth Garden, Padegaon, Golwadi, Zaha, Ward ...
... Providing, lowering, laying jointing and testing rising main ...
... from Golwadi SPS to Nakshirawadi (Kanchanwadi) STP and Ward No.98 to ...
...
... M/s Khilar Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

Pipe Lying MB Kutubpura Near Vidhyapith Gate

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			9.200	0.700	0.100	0.644		9.785	10.429
	Item No. : 11 Transportation of earth Transportation charges							0.933		13.188	14.121
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.700			9.700		0.000	9.700
	Item No. 30 :- Refilling the excavated trenches ...							5.669			
	Total Excavation=										
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	9.200	0.200	0.200	0.29			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.64			
								0.93			
								4.74		69.14	73.87
	Net Qty = A - B										
	K 6/1 to K 6/1/1										
	CH10.60	579.600	578.770	578.670			0.930	0.875			
	CH13.00	579.550	578.830	578.730			0.820				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.700	0.700	0.675	0.331		75.164	75.495
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.700	0.700	0.100	0.049		6.416	6.465
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.700	0.700	0.100	0.049		6.416	6.465
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.000	0.700	0.100	0.070		10.429	10.499
	Item No. : 11 Transportation of earth Transportation charges							0.101		14.121	14.223
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.500			1.500		9.700	11.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.429			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	1.000	0.200	0.200	0.03			



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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.

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

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.07			
								0.10			
		Net Qty = A - B						0.33	73.87	74.20	
	K 6/1/1 to K 6/1/2										
	CH13.00	579.550	578.830	578.730			0.820	0.820			
	CH29.70	579.550	578.830	578.730			0.820				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			14.700	0.660	0.620	6.015	75.495	81.510	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			14.700	0.660	0.100	0.970	6.465	7.435	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			14.700	0.660	0.100	0.970	6.465	7.435	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.300	0.660	0.100	1.010	10.499	11.508	
	Item No. : 11 Transportation of earth Transportation charges							1.317	14.223	15.540	
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			15.800			15.800	0.000	15.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.956			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	15.300	0.160	0.160	0.31			
	soling							0.00			
	PCC							0.00			
	Murum bedding							1.01			
								1.32			
		Net Qty = A - B						6.64	74.20	80.84	
	K 6/1/2 to K 6/1/3										
	CH29.70	579.550	578.830	578.730			0.820	0.745			
	CH36.70	579.490	578.920	578.820			0.670				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.660	0.545	1.799	81.510	83.308	



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... Collection system for Zone ...
... in Nakshtrawadi (Kanchanwadi), Banawadi, Siddharth ...
... Construction, Erection, Testing and Commission ...
... Banawadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward ...
... Providing, lowering, laying jointing and testing rising main ...
... SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to ...
... Agency :- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venure)

Pipe Lying MB Kutubpura Near Vidhyapith Gate

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			5.000	0.660	0.100	0.330		7.435	7.765
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.660	0.100	0.330		7.435	7.765
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			5.600	0.660	0.100	0.370		11.508	11.878
	Item No. : 11 Transportation of earth Transportation charges							0.482		15.540	16.022
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia										
	(a) For Lift 0 to 1.5m	1			6.100			6.100		15.800	21.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.459			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	5.600	0.160	0.160	0.11			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.37			
								0.48			
	Net Qty = A - B							1.98		80.84	82.82
	K 6/1 to K 6/2										
	CH10.60	579.600	578.770	578.670			0.930	0.890			
	CH23.40	579.570	578.820	578.720			0.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.800	0.660	0.690	4.918		83.308	88.227
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.800	0.660	0.100	0.713		7.765	8.478
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.800	0.660	0.100	0.713		7.765	8.478
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			11.400	0.660	0.100	0.752		11.878	12.630
	Item No. : 11 Transportation of earth Transportation charges							0.981		16.022	17.004

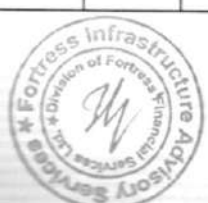


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...ing, Testing and Commissioning of Sewage Treatment ...
... at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth ...
... (Airport), Construction, Erection, Testing and Commission ...
... at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward ...
... Providing, lowering, laying jointing and testing rising main ...
... from Galwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Pipe Lying MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	CH30.10	579.770	578.900	578.800			0.970				
	CH44.70	580.000	579.220	579.120			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			12.600	0.660	0.725	6.029	90.429	96.458	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.600	0.660	0.100	0.832	8.788	9.620	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.600	0.660	0.100	0.832	8.788	9.620	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.200	0.660	0.100	0.871	12.980	13.851	
	Item No. : 11 Transportation of earth Transportation charges							1.136	17.460	18.596	
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			13.700			13.700	39.600	53.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.692			
	Deduction of 160mm dia pipe										
	pipe area	1.00		0.785	13.200	0.160	0.160	0.27			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.87			
								1.14			
	Net Qty = A - B							6.56	90.55	97.10	
	K 9 to K 9/1										
	CH0.00	579.860	579.100	579.000			0.860				
	CH11.00	579.910	579.290	579.190			0.720	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			9.300	0.660	0.790	4.849	96.458	101.307	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.600	0.660	0.100	0.634	13.851	14.485	
	Item No. : 11 Transportation of earth Transportation charges							0.827	18.596	19.423	



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...ing, Testing and Commissioning of Sewage Treatment ...
 ...ology at Nakshtrawadi (Kanchanwadi), Banowadi, Siddharth ...
 ... (Airport), Construction, Erection, Testing and Commission ...
 ... Banowadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward ...
 ... (Airport), Providing, lowering, laying jointing and testing rising main ...
 ... from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to ...
 ... City

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

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Pipe Lying MB Kutubpura Near Vidhyapith Gate

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			10.800	0.660	0.000	0.000		9.620	9.620	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			10.800	0.660	0.000	0.000		9.620	9.620	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.400	0.660	0.100	0.752		15.257	16.010	
	Item No. : 11 Transportation of earth Transportation charges							0.981		20.430	21.412	
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 160mm Dia	1			11.900			11.900		75.600	196.600	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										55.800	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation=							5.774				
	Deduction of 160mm dia pipe											
	pipe area	1.00		0.785	11.400	0.160	0.160	0.23				
	soling							0.00				
	PCC							0.00				
	Murrum bedding							0.75				
								0.98				
								Net Qty = A - B		4.79	105.39	110.18
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.150			0.150			0.150	



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Name of work:- Development of Underground Sewerage Collection system for Zone 1 to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakhstrawadi (Kanchanwadi). Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakhstrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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

9th R A BILL MEASUREMENTS DWC CHEMBER KUTUBPURA

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B		D	Page	
	DWC - 200mm Dia									
	Excavation of Chamber - For 0.9 mt. dia chamber up to Depth of 1.5 mt- 0.9+0.5+0.3+0.3=2.0m									
	Area for Square chamber up to Depth of 2m= 2 * 2=4m									
	K 1									
	CH0.00	578.465	577.730	577.480			0.985			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.785	2.465	0.000	2.465
	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	0.100	0.314	0.000	0.314
	Item No. 4 :- Excavation for foundation/pipe trenches in									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.000	0.314
	Item No. : 11 Transportation of earth Transportation							1.254	0.000	1.254
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=							3.093		
	Deduction									
	Brick work	1.00		0.785	1.160	1.160	0.735	0.776		
	soling							0.000		
	PCC	1.00		0.785	1.560	1.560	0.250	0.478		
	Murrum bedding							0.000		
	Total (B)							1.254		
	Net Qty = A - B							1.839	0.000	1.839
	K 2									
	CH13.00	578.750	577.920	577.670			1.080			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.880	2.763	2.465	5.228
	Item No. 2 :- Excavation for foundation/pipe trenches in									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.314	0.628
	Item No. 4 :- Excavation for foundation/pipe trenches in									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.314	0.628
	Item No. : 11 Transportation of earth Transportation							1.354	1.254	2.608
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=							3.391		
	Deduction									



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...ing, Testing and Commissioning of Sewage Treatment
...ology at Nakshtrawadi (Kanchanwadi), Banawadi, Siddharth
... CDDO (Airport), Construction, Erection, Testing and Commission
... at Banawadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward
... (Airport), Providing, lowering, laying jointing and testing rising main
... from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to
...d City.

Manhole MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Brick work	1.00		0.785	1.160	1.160	0.830	0.877			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.354			
		Net Qty = A - B							2.037	1.839	3.876
	K 3										
	CH22.30	579.000	578.060	577.810			1.190				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.990	3.109	5.228	8.337	
	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	0.100	0.314	0.628	0.942	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.628	0.942	
	Item No. : 11 Transportation of earth Transportation charges							1.471	2.608	4.079	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.737			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.940	0.993			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.471			
		Net Qty = A - B							2.266	3.876	6.142
	K 4										
	CH27.60	579.020	578.150	577.900			1.120				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.920	2.889	8.337	11.226	
	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	0.100	0.314	0.942	1.256	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	0.942	1.256	



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

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Page No. :-

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

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

Page 3

Manhole MB Kutubpura Near Vidhyapith Gate

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						1.397		4.079	5.475	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						3.517				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.870		0.919		
	soling								0.000		
	PCC	1.00		0.785	1.560	1.560	0.250		0.478		
	Murum bedding								0.000		
	Total (B)						1.397				
							Net Qty = A - B		2.120	6.142	
	K 5										
	CH46.30	579.300	578.510	578.260			1.040				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.840		2.638	11.226	
	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	0.100		0.314	1.256	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100		0.314	1.256	
	Item No. : 11 Transportation of earth Transportation charges							1.312	5.475	6.787	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.266			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.790		0.834		
	soling								0.000		
	PCC	1.00		0.785	1.560	1.560	0.250		0.478		
	Murum bedding								0.000		
	Total (B)							1.312			
							Net Qty = A - B		1.954	8.262	
	K 6										
	CH49.10	579.510	578.720	578.470			1.040				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.840		2.638	13.863	



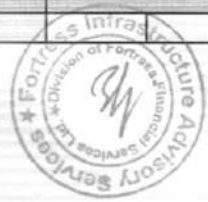
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... Testing and Commissioning of Sewage Treatment
... at Nakshtrawadi (Kanchanwadi), Banowadi, Siddharth
... (Airport), Construction, Erection, Testing and Commission
... Banowadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward
... Providing, lowering, laying jointing and testing rising main
... SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Name of Agency:- M's Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)
... Ward B&C/IDSSMT/2014/184 Date 01.07.2014

Manhole MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.570	1.884
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.570	1.884
	Item No. : 11 Transportation of earth Transportation charges							1.312		6.787	8.100
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.266			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.790	0.834			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.312			
		Net Qty = A - B								10.216	12.169
	K 7										
	CH63.70	579.670	578.830	578.580				1.090			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.890	2.795		16.501	19.295
	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	0.100	0.314		1.884	2.198
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.884	2.198
	Item No. : 11 Transportation of earth Transportation charges							1.365		8.100	9.464
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.423			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.840	0.887			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.365			
		Net Qty = A - B								12.169	14.227
	K 8										



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Name of work:- Development of Underground Sewerage 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	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH76.30	579.940	579.000	578.750			1.190				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.990	3.109	19.295	22.404	
	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	0.100	0.314	2.198	2.512	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.198	2.512	
	Item No. : 11 Transportation of earth Transportation charges							1.471	9.464	10.935	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.737			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.940	0.993			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.471			
								Net Qty = A - B	2.266	14.227	
	K 9										
	CH81.60	579.860	579.100	578.850			1.010				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.010	3.171	22.404	25.575	
	Item No. : 11 Transportation of earth Transportation charges							1.280	10.935	12.215	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.171			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.760	0.803			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.280			
								Net Qty = A - B	1.891	16.493	
	K 10										
	CH87.60	579.930	579.150	578.900			1.030				



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...ing and Commissioning of Sewage Treatment ...
... at Nakshrawadi (Kanchanwadi), Banewadi, Siddharth ...
... (Airport), Construction, Erection, Testing and Commission ...
... at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward ...
... Providing, lowering, laying jointing and testing rising main ...
... SPS to Nakshrawadi (Kanchanwadi) STP and Ward No.98 to ...

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

Manhole MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity		
		No			L	B		D	Page		Quantity	
		GL	IL	EX.L								
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.030	3.234		25.575	28.809	
	Item No. : 11 Transportation of earth Transportation charges							1.302		12.215	13.517	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation(A)=							3.234				
	Deduction											
	Brick work	1.00		0.785	1.160	1.160	0.780	0.824				
	soling							0.000				
	PCC	1.00		0.785	1.560	1.560	0.250	0.478				
	Murrum bedding							0.000				
	Total (B)							1.302				
		Net Qty = A - B							1.933		18.384	20.317
	K 11											
	CH100.00	579.990	579.160	578.910			1.080					
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.080	3.391		28.809	32.201	
	Item No. : 11 Transportation of earth Transportation charges							1.354		13.517	14.871	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation(A)=							3.391				
	Deduction											
	Brick work	1.00		0.785	1.160	1.160	0.830	0.877				
	soling							0.000				
	PCC	1.00		0.785	1.560	1.560	0.250	0.478				
	Murrum bedding							0.000				
	Total (B)							1.354				
		Net Qty = A - B							2.037		20.317	22.354
	K 12											
	CH112.30	580.170	579.320	579.070			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			0.785	4.000	1.100	3.454		32.201	35.655	
	Item No. : 11 Transportation of earth Transportation charges							1.375		14.871	16.247	
	Item No. 30 :- Refilling the excavated trenches ...											
	Total Excavation(A)=							3.454				
	Deduction											



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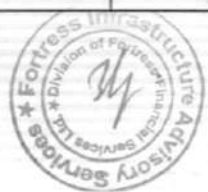
Name of Agency:- Development of Underground Sewerage Collection System for Zone 1 to 4 and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), 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

Manhole MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Brick work	1.00		0.785	1.160	1.160	0.850	0.898			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.375			
		Net Qty = A - B						2.079		22.354	24.432
	K 13										
	CH120.70	580.260	579.540	579.290			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.970	3.046	35.655	38.700	
	Item No. : 11 Transportation of earth Transportation							1.238	16.247	17.485	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.046			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.720	0.761			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.238			
		Net Qty = A - B						1.808		24.432	26.240
	K 14										
	CH139.30	580.320	579.620	579.370			0.950				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.950	2.983	38.700	41.684	
	Item No. : 11 Transportation of earth Transportation							1.217	17.485	18.702	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.983			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.700	0.739			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.217			
		Net Qty = A - B						1.766		26.240	28.006
	K 4/1										
	CH12.90	579.340	578.530	578.280			1.060				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.860	2.700	41.684	44.384	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										



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

Manhole MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.512	2.826
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.512	2.826
	Item No. : 11 Transportation of earth Transportation charges							1.333		18.702	20.035
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.328			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.810	0.856			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.333			
					Net Qty = A - B			1.995		28.006	30.001
	K 4/2										
	CH22.20	579.110	578.540	578.290			0.820				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.620	1.947		44.384	46.331
	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	0.100	0.314		2.826	3.140
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.826	3.140
	Item No. : 11 Transportation of earth Transportation charges							1.080		20.035	21.115
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.575			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.570	0.602			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.080			
					Net Qty = A - B			1.495		30.001	31.496
	K 4/3										
	CH21.30	579.060	578.555	578.305			0.755				



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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	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.555	1.743		46.331	48.073
	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	0.100	0.314		3.140	3.454
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.140	3.454
	Item No. : 11 Transportation of earth Transportation charges							1.011		21.115	22.126
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.371			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.505	0.533			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.011			
	Net Qty = A - B							1.360		31.496	32.856
	K 6/1										
	CH10.60	579.600	578.770	578.520			1.080				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.880	2.763		48.073	50.837
	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	0.100	0.314		3.454	3.768
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.454	3.768
	Item No. : 11 Transportation of earth Transportation charges							1.354		22.126	23.480
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.391			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.830	0.877			
	soling							0.000			



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... and Commissioning of Sewage Treatment
... at Naksharwadi (Kanchanwadi), Banerwadi, Siddharth
... Construction, Erection, Testing and Commissioning
... Banerwadi, Siddharth Garden, Padgaon, Gofwadi, Zaha, Ward
... Providing, lowering, laying jointing and testing rising main
... SPS to Naksharwadi (Kanchanwadi) STP and Ward No.98 to

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

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Manhole MB Kutubpura Near Vidhyapith Gate

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.354			
		Net Qty = A - B							2.037		
	K 6/1/1								32.856	34.893	
	CH13.00	579.550	578.830	578.580			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.770	2.418	50.837	53.254	
	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	0.100	0.314	3.768	4.082	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	3.768	4.082	
	Item No. : 11 Transportation of earth Transportation charges							1.238	23.480	24.718	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.046			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.720	0.761			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.238			
		Net Qty = A - B							1.808		
	K 6/1/2								34.893	36.700	
	CH29.70	579.550	578.830	578.580			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.770	2.418	53.254	55.672	
	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	0.100	0.314	4.082	4.396	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	4.082	4.396	
	Item No. : 11 Transportation of earth Transportation							1.238	24.718	25.956	



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M/s Khilan Infrastructure Pvt.Ltd. & GECP (Joint Venture)

Manhole MB Kutubpura Near Vidhyapith Gate

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						1.270		27.036	28.306	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						3.140				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.792				
	soling						0.000				
	PCC	1.00		0.785	1.560	1.560	0.478				
	Murum bedding						0.000				
	Total (B)						1.270				
		Net Qty = A - B									
	K 6/3						1.870		40.003	41.873	
	CH30.10	579.770	578.900	578.650			1.120				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.920	2.889	60.131	63.020	
	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	0.100	0.314	5.024	5.338	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	5.024	5.338	
	Item No. : 11 Transportation of earth Transportation charges						1.397		28.306	29.702	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						3.517				
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.919				
	soling						0.000				
	PCC	1.00		0.785	1.560	1.560	0.478				
	Murum bedding						0.000				
	Total (B)						1.397				
		Net Qty = A - B									
	K 6/4						2.120		41.873	43.994	
	CH44.70	580.000	579.220	578.970			1.030				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.830	2.606	63.020	65.626	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum 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/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :-
Page No. :- 143

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

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Manhole M8 Kutubpura Near Vidhyapith Gate

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	0.100	0.314		5.338	5.652
	Item No. 4 :- Excavation for foundation/pipe trenches in soft-rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		5.338	5.652
	Item No. : 11 Transportation of earth Transportation charges							1.302		29.702	31.004
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.234			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.780	0.824			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.302			
								Net Qty = A - B			
								1.933		43.994	45.926
	K 9/1										
	CH11.00	579.910	579.290	579.040			0.870				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.870	2.732		65.626	68.358
	Item No. : 11 Transportation of earth Transportation charges							1.132		31.004	32.136
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.732			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.620	0.655			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.132			
								Net Qty = A - B			
								1.599		45.926	47.526
	K 9/2										
	CH24.10	579.980	579.360	579.110			0.870				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.870	2.732		68.358	71.090
	Item No. : 11 Transportation of earth Transportation charges							1.132		32.136	33.269
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.732			
	Deduction										



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...ing, Testing and Commissioning of Sewage Treatment
...ology at Nakshrawadi (Kanchanwadi), Banowadi, Siddharth
... (Airport), Construction, Erection, Testing and Commission
... Banowadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward
... Providing, lowering, laying jointing and testing rising main
... SPS to Nakshrawadi (Kanchanwadi) STP and Ward No.98 to

Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)
.../2011/184 Date: 01/07/2014

Manhole MB Kutubpura Near Vidhyapith Gate

Sl. No.	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Brick work	1.00		0.785	1.160	1.160	0.620	0.655			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.132			
		Net Qty = A - B							1.599	47.526	49.125
	K 9/3										
	CH36.90	580.520	579.720	579.470			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	71.090	74.387	
	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	0.000	0.000	5.652	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	0.000	0.000	5.652	5.652	
	Item No. : 11 Transportation of earth Transportation charges							1.323	33.269	34.591	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.297			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.800	0.845			
	soling							0.000			
	PCC	1.00		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.323			
		Net Qty = A - B							1.974	49.125	51.099



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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. 145
Page No.

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

9th R A BILL MEASURMENTS CHEMBER DETAILS KUTUBPURA

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to		Total Rebate Qty for 30 cm
		No			Depth of 1.5		
		GL	IL	DEPTH	For per 30 cm		
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	KUTUBPURA						
1	K 1	578.465	577.730	0.735	1.5	-0.765	-66.533 ✓
2	K 2	578.750	577.920	0.830	1.5	-0.670	
3	K 3	579.000	578.060	0.940	1.5	-0.560	
4	K 4	579.020	578.150	0.870	1.5	-0.630	
5	K 5	579.300	578.510	0.790	1.5	-0.710	
6	K 6	579.510	578.720	0.790	1.5	-0.710	
7	K 7	579.670	578.830	0.840	1.5	-0.660	
8	K 8	579.940	579.000	0.940	1.5	-0.560	
9	K 9	579.860	579.100	0.760	1.5	-0.740	
10	K 10	579.930	579.150	0.780	1.5	-0.720	
11	K 11	579.990	579.160	0.830	1.5	-0.670	
12	K 12	580.170	579.320	0.850	1.5	-0.650	
13	K 13	580.260	579.540	0.720	1.5	-0.780	
14	K 14	580.320	579.620	0.700	1.5	-0.800	
15	K 4/1	579.340	578.530	0.810	1.5	-0.690	
16	K 4/2	579.110	578.540	0.570	1.5	-0.930	
17	K 4/3	579.060	578.555	0.505	1.5	-0.995	
18	K 6/1	579.600	578.770	0.830	1.5	-0.670	
19	K 6/1/1	579.550	578.830	0.720	1.5	-0.780	
20	K 6/1/2	579.550	578.830	0.720	1.5	-0.780	
21	K 6/1/3	579.490	578.920	0.570	1.5	-0.930	
22	K 6/2	579.570	578.820	0.750	1.5	-0.750	
23	K 6/3	579.770	578.900	0.870	1.5	-0.630	
24	K 6/4	580.000	579.220	0.780	1.5	-0.720	
25	K 9/1	579.910	579.290	0.620	1.5	-0.880	
26	K 9/2	579.980	579.360	0.620	1.5	-0.880	
27	K 9/3	580.520	579.720	0.800	1.5	-0.700	
Total							-19.960
							-66.533 ✓



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Qty Abstract Kutubpura Kutubpura Near Vidhyapith Gate

QUANTITY ABSTRACT RA 9th

KUTUBPURA

SR NO	Discription	MB/PG	ITEM 1		ITEM 2		ITEM 4		ITEM 7		ITEM 11		ITEM 12			ITEM 13		ITEM 30		ITEM 35		Extra Item 2		Extra Item 2.a									
			0-1.5	112.356	0-1.5	9.620	0-1.5	9.620	0-1.5	9.620	16.010	21.412	160mm	200mm	160mm	200mm	160mm	200mm	196.600	55.800	196.600	55.800	110.183	0.150	0-1.5 m	27.000	0.150	0.150	0.150	Rebate	-66.533	-66.533	
1	For Pipe		74.387	5.652	15.272	5.652	15.272	16.010	21.412	196.600	55.800	196.600	55.800	196.600	55.800	196.600	55.800	196.600	55.800	110.183	0.150	27.000											
2	For Manhole		186.742	5.652	15.272	5.652	15.272	16.010	21.412	196.600	55.800	196.600	55.800	196.600	55.800	196.600	55.800	196.600	55.800	110.183	0.150	27.000											
	Total		186.742	5.652	15.272	5.652	15.272	16.010	21.412	196.600	55.800	196.600	55.800	196.600	55.800	196.600	55.800	196.600	55.800	110.183	0.150	27.000											

CONTRACTOR



Authorized Signatory



Project Engineer

PMC



Project Manager

[Signature]

Jr. Engineer

CLIENT

[Signature]

Dy. Engineer

[Signature]

Ex. Engineer

Page No.	Quantity	Last Measurement	
			Total up to Date
8	9		10

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

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

Page 1

Pipe Lying MB Kutubpura-04-250 Dwc

9th R A BILL MEASURMENTS DWC PIPE KUTUBPURA-04

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B		D	Page	
	RCC 250mm Dia									
	Width of Trench - For Bottom Lift 0.00-1.50m- 0.25+0.06+0.06+0.5=0.87m									
	From Bottom Lift 1.50m-3.00m- 0.25+0.06+0.06+0.5+0.4=1.27 m									
	From Bottom Lift 3.00m-4.50m- 0.25+0.06+0.06+0.5+0.4+0.4 = 1.67m									
	KTP12A TO KTP13									
	CH241.10	580.984	579.500	579.300			1.68			
	CH246.55	583.184	580.924	580.724			2.46	2.072		
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.									
	(a) For Lift 0 to 1.5m	1			3.750	1.270	1.500	7.144	0.000	7.144
	(b) For Lift 1.5m to 3.0m	1			3.750	0.870	0.572	1.866	0.000	1.866
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.750	0.870	0.200	0.652	0.000	0.652
	Item No. : 11 Transportation of earth Transportation charges							0.935	0.000	0.935
	Extra Item No. 9.4 :- Lowering & Laying RCC NP3 class pipe of 250mm Dia	1			5.000			5.000	0.000	5.000
	Item No 30 :- Refilling the excavated trenches ...									
	Total Excavation = A							9.010		
	Deduction									
	pipe area	1		0.785	3.750	0.310	0.310	0.283		
	soling							0.000		
	PCC							0.000		
	Murum bedding							0.652		
	Total = B							0.935		
	Net Qty = A - B							8.075	0.000	8.075
	DWC - 250mm Dia									
	Width of Trench - For Lift 0 to 1.50m- 0.25+0.5=0.75m									
	For Lift 1.5 to 3.00m- 0.25+0.5+0.4=1.15m									
	For Lift 3.0 to 4.5m- 0.25+0.5+0.4+0.4=1.55m									
	KTP13 TO KTP14									
	CH246.55	583.184	580.924	580.824			2.360			
	CH257.45	582.610	581.324	581.224			1.386	1.873		



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Background Section Collection sheet for Zone I to VI
 Testing and Commissioning of Sewage Treatment
 at Nakshtrawadi (Kanchanwadi), Banerwadi, Siddhurbh
 Airport, Construction, Erection, Testing and Commission
 Banerwadi, Siddhurbh Garden, Padegon, Golwadi, Zaha, Ward
 Providing, lowering, laying jointing and testing rising main
 SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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

Pipe Lying MB Kutubpura-04-250 Dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.900	1.150	1.500	15.353		7.144	22.496
	(b) For Lift 1.5 to 3.0m	1			8.900	0.750	0.373	2.490		1.866	4.356
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.500	0.750	0.100	0.713		0.652	1.365
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.179		0.935	2.114
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.000			10.000		0.000	10.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							17.842			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	9.500	0.250	0.250	0.466			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.713			
								1.179			
								Net Qty = A - B		8.075	24.738
	KTP14 TO KTP15										
	CH257.45	582.610	581.324	581.224			1.386	1.438			
	CH272.60	582.844	581.454	581.354			1.490				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.150	0.750	1.438	14.182		22.496	36.679
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.750	0.750	0.100	1.031		1.365	2.396
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.706		2.114	3.820
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			14.250			14.250		10.000	24.250
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							14.182			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	13.750	0.250	0.250	0.675			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.031			
								1.706			



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Pipe Lying MB Kutubpura-04-250 Dwc

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		GL	No		L	B		D	Page		Quantity
			IL	EX.L							
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.200				34.350	43.550	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						8.444				
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	8.700	0.250	0.250	0.427			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.653			
								1.079			
		Net Qty = A - B						7.365	45.946	53.311	
	KTP17 TO KTP18										
	CH293.70	582.724	581.494	581.394			1.330				
	CH319.75	582.534	581.514	581.414			1.120	1.225			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			24.050	0.750	0.500	9.019	43.091	52.110	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			24.050	0.750	0.725	13.077	11.954	25.031	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			24.650	0.750	0.100	1.849	3.769	5.618	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							3.058	6.090	9.148	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			25.150			25.150	43.550	68.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							22.096			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	24.650	0.250	0.250	1.209			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.849			
								3.058			
		Net Qty = A - B						19.038	53.311	72.349	
	KTP18 TO KTP19										
	CH319.75	582.534	581.514	581.414			1.120				
	CH335.65	583.074	581.674	581.574			1.500	1.310			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.900	1.310	0.500	9.104	52.110	61.214	



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

Pipe Lying MB Kutubpura-04-250 Dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	PCC										
	Murrum bedding						0.000				
							1.920				
							3.176				
	KTP20 TO KTP21	Net Qty = A - B						25.887		93.972	119.858
	CH362.65	583.244	581.744	581.644							
	CH376.65	583.564	582.184	582.084			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.						1.480	1.540			
	(a) For Lift 0 to 1.5m	1									
	(b) For Lift 1.5 to 3.0m	1			12.000	0.750	0.500	4.500	70.589	75.089	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.				12.000	0.750	0.000	0.000	4.356	4.356	
	(a) For Lift 0 to 1.5m	1									
	(b) For Lift 1.5 to 3.0m	1			12.000	0.750	1.000	9.000	58.531	67.531	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.600	0.750	0.100	0.945	0.938	1.298	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.563	8.580	9.525	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			13.100			13.100	14.555	16.118	
	Item No. 30 :- Refilling the excavated trenches ...								94.800	107.900	
	Total Excavation=							13.860			
	Deduction of 250mm dia pipe pipe area	1.00		0.785	12.600	0.250	0.250	0.618			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.945			
								1.563			
	KTP21 TO KTP22	Net Qty = A - B						12.297		119.858	132.155
	CH376.65	583.564	582.184	582.084							
	CH408.15	584.744	582.774	582.674			1.480				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.						2.070	1.775			
	(a) For Lift 0 to 1.5m	1									
	(b) For Lift 1.5 to 3.0m	1			29.500	1.150	0.700	23.748	75.089	98.837	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.				29.500	0.750	0.000	0.000	4.356	4.356	
	(a) For Lift 0 to 1.5m	1									
	(b) For Lift 1.5 to 3.0m	1			29.500	1.150	0.800	27.140	67.531	94.671	
					29.500	0.750	0.275	6.084	1.298	7.382	



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

Date	Particulars of work	DETAILS						Content of arrears	Last 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			30.100	0.750	0.100	2.258		9.525	11.783
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							3.734		16.118	19.853
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			30.600			30.600		107.900	138.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							56.972			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	30.100	0.250	0.250	1.477			
	soling							0.000			
	PCC							0.000			
	Murum bedding							2.258			
								3.734			
								53.238		132.155	185.393
	Net Qty = A - B										
	KTP22 TO KTP23										
	CH408.15	584.744	582.774	582.674			2.070				
	CH433.45	584.844	583.304	583.204			1.640	1.855			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.300	1.150	0.700	18.757		98.837	117.593
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.300	1.150	0.800	21.436		94.671	116.107
	(b) For Lift 1.5 to 3.0m	1			23.300	0.750	0.355	6.204		7.382	13.586
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			23.900	0.750	0.100	1.793		11.783	13.575
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							2.965		19.853	22.818
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			24.400			24.400		138.500	162.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							46.396			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	23.900	0.250	0.250	1.173			
	soling							0.000			
	PCC							0.000			
	Murum bedding							1.793			
								2.965			
	Net Qty = A - B							43.431		185.393	228.824

