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Branch at Sigma Hospital 600-MB

CH1157.20	574.900	572.185	571.985			2.915				
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			21.65	1.840	1.500	59.754		1506.277	1566.03
(b) For Lift 1.5m to 3.0m	1			21.65	1.440	0.500	15.588		505.230	520.81
Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
(b) For Lift 1.5m to 3.0m	1			21.65	1.440	0.922	28.744		1521.914	1550.65
Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			21.65	1.440	0.200	6.235		216.317	222.55
Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							16.312		565.899	582.210
Item No 17 (d) :- Lowering & Laying RCC NP3 class pipe of 600mm Dia	1			22.50			22.500		782.500	805.000
Item No 30 :- Refilling the excavated trenches ...										
Total Excavation= A=							104.086			
Deduction										
pipe area	1.00		0.785	21.65	0.770	0.770	10.08			
soling							0.00			
PCC							0.00			
Murum bedding							6.24			
Total = B							16.31			
	Net Qty = A - B						87.77		5308.273	5396.04
28/03/2016 K 115.26										
CH1157.20	574.900	572.675	572.475			2.425				
CH1170.90	576.010	572.705	572.505			3.505	2.965			
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			10.50	1.840	1.500	28.980		1566.031	1595.01
Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
(a) For Lift 1.5m to 3.0m	1			10.50	1.440	1.465	22.151		1550.659	1572.80
Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			10.50	1.440	0.200	3.024		222.552	225.57
Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							7.911		582.210	590.12
Item No 17 (d) :- Lowering & Laying RCC NP3 class pipe of 600mm Dia	1			12.50			12.500		805.000	817.500
Item No 30 :- Refilling the excavated trenches ...										
Total Excavation= A=							51.131			
Deduction										
pipe area	1.00		0.785	10.50	0.770	0.770	4.89			
soling							0.00			
PCC							0.00			
Murum bedding							3.02			
Total = B							7.91			
	Net Qty = A - B						43.22		5396.047	5439.26



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Branch at Sigma Hospital 600-MB

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Branch at Sigma Hospital 600-MB

	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							16.199		604.436	620.6
	Item No 17 (d) :- Lowering & Laying RCC NP3 class pipe of 600mm Dia	1			22.50			22.500		837.500	860.00
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A=							162.540			
	Deduction										
	pipe area	1.00		0.785	21.50	0.770	0.770	10.01			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.19			
	Total = B							16.20			
	Net Qty = A - B							146.34		5552.231	5698.57
31/03/2016	K 115.28										
	CH1214.60	577.307	573.407	573.207			4.100				
	CH1235.80	578.040	573.443	573.243			4.797	4.449			
	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			18.00	2.240	1.200	48.384		1703.875	1752.25
	(b) For Lift 1.5m to 3.0m	1			18.00	1.840	1.300	43.056		610.242	653.29
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.00	2.240	0.200	8.064		1005.856	1013.92
	(b) For Lift 1.5m to 3.0m	1			18.00	1.840	0.200	6.624		1595.165	1601.78
	(c) For Lift 3.0m to 4.5m	1			18.00	1.440	1.449	37.558		806.004	843.56
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.00	2.240	0.100	4.032		86.958	90.99
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			18.00	1.440	0.200	5.184		237.240	242.42
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							13.562		620.635	634.19
	Item No 17 (d) :- Lowering & Laying RCC NP3 class pipe of 600mm Dia	1			20.00			20.000		860.000	880.00
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A=							147.718			
	Deduction										
	pipe area	1.00		0.785	18.00	0.770	0.770	8.38			
	soling							0.00			
	PCC							0.00			
	Murum bedding							5.18			
	Total = B							13.56			
	Net Qty = A - B							134.16		5698.572	5832.72
04/04/2016	K 115.29										
	CH1235.80	578.040	573.443	573.243			4.797				
	CH1249.50	578.240	573.470	573.270			4.970	4.884			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										



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Name of work:- Development of Underground Sewerage Conception 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.

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Branch at Sigma Hospital 600-M8

(a) For Lift 0 to 1.5m	1			10.50	2.640	1.200	33.264		1752.259	1785.523
(b) For Lift 1.5m to 3.0m	1			10.50	2.240	1.500	35.280		653.298	688.578
(c) For Lift 3.0m to 4.5m	1			10.50	1.840	1.500	28.980		30.360	59.340
(d) For Lift 4.5m to 6.0m	1			10.50	1.440	0.100	1.512		0.000	1.512
Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
(a) For Lift 0 to 1.5m	1			10.50	2.640	0.200	5.544		1013.920	1019.464
(d) For Lift 4.5m to 6.0m	1			10.50	1.440	0.284	4.294		70.004	74.298
Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
(a) For Lift 0 to 1.5m	1			10.50	2.640	0.100	2.772		90.990	93.762
Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.50	1.440	0.200	3.024		242.424	245.448
Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							7.911		634.197	642.108
Item No 17 (d) :- Lowering & Laying RCC NP3 class pipe of 600mm Dia	1			12.50			12.500		880.000	892.500
Item No 30 :- Refilling the excavated trenches ...										
Total Excavation= A=							111.646			
Deduction										
pipe area	1.00		0.785	10.50	0.770	0.770	4.89			
soling							0.00			
PCC							0.00			
Murrum bedding							3.02			
Total = B							7.91			
				Net Qty = A - B			103.74		5832.728	5936.464
06/04/2016	K 115.30									
	CH1249.50	578.240	573.470	573.270		4.970				
	CH1295.10	578.390	573.578	573.378		5.012	4.991			
Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc complete.										
(a) For Lift 0 to 1.5m	1			44.00	2.640	1.200	139.392		1785.523	1924.915
(b) For Lift 1.5m to 3.0m	1			44.00	2.240	1.500	147.840		688.578	836.418
(c) For Lift 3.0m to 4.5m	1			44.00	1.840	1.500	121.440		59.340	180.780
(d) For Lift 4.5m to 6.0m	1			44.00	1.440	0.200	12.672		1.512	14.184
Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
(a) For Lift 0 to 1.5m	1			44.00	2.640	0.200	23.232		1019.464	1042.696
(d) For Lift 4.5m to 6.0m	1			44.00	1.440	0.291	18.438		74.298	92.736
Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
(a) For Lift 0 to 1.5m	1			44.00	2.640	0.100	11.616		93.762	105.378
Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			44.00	1.440	0.200	12.672		245.448	258.120
Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial lead up to 10km average rate							33.151		642.108	675.259
Item No 17 (d) :- Lowering & Laying RCC NP3 class pipe of 600mm Dia	1			45.00			45.000		892.500	937.500



12



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

1

Branch at Sigma Hospital Dewatering RA9

9th R A BILL MEASUREMENTS

Branch Of Sewer K at Cigma Hospital - Dewatering

Sr.No.	Date	Pump Capacity in Hp	No.of Pumps	Time		Total Hrs	Bhp/Hr
				From	To		
	D-600mm CIGMA HOSPITAL						
1	06/02/2016	15	1	8:15	9:45	1:30	22:30:00
		15	1	12:00	14:00	2:00	30:00:00
2	08/02/2016	15	1	8:00	10:30	2:30	37:30:00
		15	1	14:15	16:15	2:00	30:00:00
3	09/02/2016	15	1	7:30	9:30	2:00	30:00:00
		15	1	15:15	16:15	1:00	15:00:00
4	10/02/2016	15	1	7:50	9:50	2:00	30:00:00
		15	1	15:30	16:30	1:00	15:00:00
5	11/02/2016	15	1	7:15	10:15	3:00	45:00:00
6	12/02/2016	15	1	8:00	10:00	2:00	30:00:00
		15	1	15:15	17:15	2:00	30:00:00
7	13/02/2016	15	1	8:15	10:15	2:00	30:00:00
		15	1	14:30	15:30	1:00	15:00:00
8	15/02/2016	15	1	7:15	11:15	4:00	60:00:00
		15	1	15:30	16:30	1:00	15:00:00
9	16/02/2016	15	1	7:30	10:30	3:00	45:00:00
		15	1	15:00	16:30	1:30	22:30:00
10	17/02/2016	15	1	8:00	10:30	2:30	37:30:00
11	18/02/2016	15	1	7:45	9:45	2:00	30:00:00
		15	1	14:40	16:40	2:00	30:00:00
12	19/02/2016	15	1	7:30	8:30	1:00	15:00:00
		15	1	11:40	12:40	1:00	15:00:00
		15	1	16:15	17:15	1:00	15:00:00
13	22/02/2016	15	1	7:30	9:30	2:00	30:00:00
		15	1	14:10	16:10	2:00	30:00:00
Total						47:00:00	705:00:00
							705.00



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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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Branch at Sigma Hospital MANHOLE

9th R A BILL MEASUREMENTS

Branch Of Sewer K at Cigma Hospital

Extra Item No. 1: Construction of RCC circular Manhole of 1.5m dia & 3.5m depth

Sr.No.	Reference (MB no. & Page no.)	Chainage	MH No	MTL	IL	Depth	Depth Difference than 3.5 m	Total Difference	Rebate/Add for Excess height (per 50 cm)
At Cigma Hospital-600mm Dia									
1		56.20	K 115.2	569.560	564.060	5.50	2.00	17.20	34.40
2		112.40	K 115.3	569.792	564.192	5.60	2.10		
3		179.80	K 115.5	569.392	564.892	4.50	1.00		
4		256.00	K 115.6	569.858	565.258	4.60	1.10		
5		284.70	K 115.7	571.224	565.624	5.60	2.10		
6		310.90	K 115.8	571.284	565.684	5.60	2.10		
7		996.10	K 115.23	577.100	571.800	5.30	1.80		
8		1054.80	K 115.24	577.245	571.945	5.30	1.80		
9		1111.00	K 115.25	577.377	572.077	5.30	1.80		
10		1157.20	K 115.26	577.085	572.185	4.90	1.40		

Item No. 23:- Providing and constructing on sewer BBM manhole 1.5 m dia at bottom and 0.5 m dia at top and up to a depth of 2 to 5.0 M

Sr.No.	Reference (MB no. & Page no.)	Chainage	MH No	MTL	IL	Depth	Depth Difference than 5 m	Total Difference	Rebate/Add for Excess height (per 50 cm)
K Sewer-600mm Dia-Cigma Hospital to Reliance Mall									
1		146.10	K 115.4	569.730	564.470	5.26	0.26	-5.88	-11.77
2		701.40	K 115.17	574.560	570.800	3.76	-1.24		
3		710.10	K 115.18	574.660	570.818	3.84	-1.16		
4		821.30	K 115.19	575.430	571.082	4.35	-0.65		
5		880.00	K 115.20	575.970	571.220	4.75	-0.25		
6		931.20	K 115.21	576.930	571.640	5.29	0.29		
7		967.40	K 115.22	577.130	571.759	5.37	0.37		
8		1170.90	K 115.27	576.010	572.705	3.30	-1.70		
9		1214.60	K 115.28	577.307	573.307	4.00	-1.00		
10		1235.80	K 115.29	578.040	573.443	4.60	-0.40		
11		1249.50	K 115.30	578.240	573.470	4.77	-0.23		
12		1303.20	K 115.31	578.420	573.596	4.82	-0.18		



11

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

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Branch at Sigma Hospital RCC 1.5m MH

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										
	Wall	1		0.785	1.900	1.900	2.998	8.496			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								10.025			
		Net Qty = A - B						12.078		12.029	24.108
	K 115.5										
	CH179.80	569.915	564.892	564.542			5.373				
	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	8.410	1.500	9.903		19.806	29.708
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.500	9.903		5.942	15.844
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	1.500	9.903		0.000	9.903
	(d) For Lift 4.5m to 6.0m	1			0.785	8.410	0.873	5.763		0.000	5.763
	Item No. : 11 Transportation of earth Transportation charges							15.763		20.012	35.776
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							35.472			
	Deduction										
	Wall	1		0.785	1.900	1.900	5.023	14.234			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								15.763			
		Net Qty = A - B						19.709		24.108	43.816
	K 115.6										
	CH256.00	568.270	565.258	564.908			3.362				
	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	8.410	1.500	9.903		29.708	39.611
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.100	0.660		15.844	16.505
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.300	8.582		8.582	17.165
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.100	0.660		5.281	5.942
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.362	2.390		4.509	6.899
	Item No. : 11 Transportation of earth Transportation charges							10.064		35.776	45.840
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							22.195			
	Deduction										
	Wall	1		0.785	1.900	1.900	3.012	8.536			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								10.064			
		Net Qty = A - B						12.131		43.816	55.947
	K 115.7										
	CH284.70	569.220	565.624	565.274			3.946				



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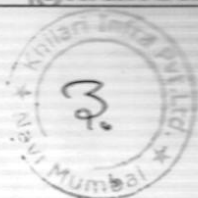
Name of Work :- Development of Underground Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi). Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, 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 CIDCO (Airport).

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Branch at Sigma Hospital RCC 1.5m MH

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	8.410	1.500	9.903		39.611	49.514
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.600	3.961		16.505	20.466
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.900	5.942		17.165	23.106
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.500	3.301		9.903	13.204
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.446	2.944		6.899	9.843
	Item No. : 11 Transportation of earth Transportation charges							11.719		45.840	57.559
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.051			
	Deduction										
	Wall	1		0.785	1.900	1.900	3.596	10.191			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								11.719			
					Net Qty = A - B			14.332		55.947	70.279
	K 115.8										
	CH310.90	569.510	565.684	565.334			4.176				
	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	8.410	1.500	9.903		49.514	59.417
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.700	4.621		20.466	25.087
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.800	5.281		23.106	28.388
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.800	5.281		13.204	18.485
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.376	2.482		9.843	12.326
	Item No. : 11 Transportation of earth Transportation charges							12.371		57.559	69.930
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							27.569			
	Deduction										
	Wall	1		0.785	1.900	1.900	3.826	10.842			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								12.371			
					Net Qty = A - B			15.198		70.279	85.477
	K 115.23										
	CH996.10	574.620	571.800	571.450			3.170				
	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	8.410	0.500	3.301		59.417	62.718



12

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, Zaita, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission
 of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaita, Ward
 No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main
 GRP DN pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to
 CIDCO (Airport).

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Branch at Sigma Hospital RCC 1.5m MH

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upt Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.000	6.602		0.000	6.602
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.500	9.903		28.388	38.291
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.295	1.948		18.485	20.433
	Item No. : 11 Transportation of earth Transportation charges							9.520		69.930	79.451
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							21.753			
	Deduction										
	Wall	1		0.785	1.900	1.900	2.820	7.991			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								9.520			
								12.233		85.477	97.710
	K 115.24										
	CH1054.80	575.095	571.945	571.595			3.500				
	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	8.410	1.500	9.903		62.718	72.620
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.600	3.961		25.087	29.048
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.800	5.281		38.291	43.572
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.100	0.660		0.000	0.660
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.500	3.301		0.000	3.301
	Item No. : 11 Transportation of earth Transportation charges							10.455		79.451	89.906
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							23.106			
	Deduction										
	Wall	1		0.785	1.900	1.900	3.150	8.927			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								10.455			
								12.651		97.710	110.361
	K 115.25										
	CH1111.00	574.820	572.077	571.727			3.093				
	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	8.410	1.500	9.903		72.620	82.523
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.400	2.641		29.048	31.564
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.700	4.621		43.572	48.193
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										



12

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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Branch at Sigma Hospital RCC 1.5m MH

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.400	2.641		0.660	3.301
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.093	0.614		3.301	3.915
	Item No. : 11 Transportation of earth Transportation charges							9.302		89.906	99.208
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							20.420			
	Deduction										
	Wall	1		0.785	1.900	1.900	2.743	7.773			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								9.302			
		Net Qty = A - B						11.117		110.361	121.478
	K 115.26										
	CH1157.20	574.900	572.185	571.835			3.065				
	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	8.410	1.500	9.903		82.523	92.426
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.500	3.301		31.689	34.990
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.000	0.000		6.602	6.602
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.000	6.602		48.194	54.795
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.065	0.429		20.433	20.862
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.000	0.000		5.942	5.942
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.000	0.000		12.326	12.326
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.000	0.000		3.301	3.301
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.000	0.000		3.915	3.915
	Item No. : 11 Transportation of earth Transportation charges							9.223		99.208	108.431
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							20.235			
	Deduction										
	Wall	1		0.785	1.900	1.900	2.715	7.694			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								9.223			
		Net Qty = A - B						11.012		121.478	132.490



Branch at Sigma Hospital 1.5m MH Excavation

9th RA BILL MEASUREMENTS

Branch Of Sewer K at Cigma Hospital

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up Date Quantit
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Excavation of Chamber - For 1.50m dia Manhole (upto a depth of 2.0m to 5.0m)- 1.50+0.35+0.35+0.5+0.5=3.20m										
	Breadth for Manhole=3.2*3.2=10.24m										
	K 115.4										
	CH146.10	569.730	564.470	564.220			5.510				
	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	10.240	1.250	10.048		92.426	102.426
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		34.990	47.000
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.000	8.038		0.000	8.038
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.150	1.206		6.602	7.808
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.500	4.019		20.862	24.880
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	1.010	8.119		5.763	13.880
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		0.000	0.804
	Item No. : 11 Transportation of earth Transportation charges							18.333		108.431	126.764
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							44.292			
	Deduction										
	Brick work	1		0.785	2.280	2.280	3.260	13.303			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								18.333			
								Net Qty = A - B			
	K 115.17							25.959		132.490	158.440
	CH701.40	574.560	570.800	570.550			4.010				
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.400	11.254		7.808	19.062
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		54.795	66.855
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.200	1.608		24.881	26.489
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		0.804	1.608
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.810	6.511		12.326	18.837
	Item No. : 11 Transportation of earth Transportation charges							12.212		126.764	138.976
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							32.234			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.760	7.182			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			



12

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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Branch at Sigma Hospital 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
								12.212			
								20.022		158.449	178.471
	K 115.18										
	CH710.10	574.660	570.818	570.568			4.092				
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.400	11.254		19.061	30.315
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		66.853	78.911
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.300	2.412		26.489	28.900
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		1.608	2.412
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.792	6.366		5.942	12.308
	Item No. : 11 Transportation of earth Transportation charges							12.546		138.976	151.522
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							32.893			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.842	7.517			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								12.546			
								20.347		178.471	198.818
	K 115.19										
	CH821.30	575.430	571.082	570.832			4.598				
	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	10.240	0.300	2.412		102.474	104.885
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.100	8.842		30.315	39.157
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		78.911	90.968
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.000	8.038		28.900	36.939
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		2.412	3.215
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.500	4.019		3.915	7.934
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.098	0.788		0.000	0.788
	Item No. : 11 Transportation of earth Transportation charges							14.611		151.522	166.133
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							36.961			
	Deduction										
	Brick work	1		0.785	2.280	2.280	2.348	9.582			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								14.611			
								22.349		198.818	221.167
	K 115.20										



12

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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Branch at Sigma Hospital 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total U Date Quant
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH880.00	575.970	571.220	570.970			5.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.300	2.412		104.885	10
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.100	8.842		39.157	48
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		90.968	103
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.500	12.058		36.939	48
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		3.215	4
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.500	4.019		7.934	11
	Item No. : 11 Transportation of earth Transportation charges							16.252		166.133	182
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							40.192			
	Deduction										
	Brick work	1		0.785	2.280	2.280	2.750	11.222			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								16.252			
								23.940		221.167	245
	K 115.21										
	CH931.20	576.930	571.640	571.390			5.540				
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.400	11.254		48.000	59
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		103.026	115
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.300	10.450		48.996	59
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		4.019	4
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.200	1.608		11.953	13
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	1.040	8.360		0.788	4
	Item No. : 11 Transportation of earth Transportation charges							18.455		182.385	200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							44.533			
	Deduction										
	Brick work	1		0.785	2.280	2.280	3.290	13.426			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								18.455			
								26.077		245.107	271
	K 115.22										



17

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 at Banewadi.

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Branch at Sigma Hospital 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH967.40	577.130	571.759	571.509			5.621				
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.400	11.254		59.253	70.507
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		115.083	127.141
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.500	12.058		59.446	71.504
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		4.823	5.627
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.121	9.011		18.837	27.848
	Item No. : 11 Transportation of earth Transportation charges							18.786		200.841	219.627
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							45.184			
	Deduction										
	Brick work	1		0.785	2.280	2.280	3.371	13.756			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								18.786			
								26.398		271.185	297.583
	K 115.27										
	CH1170.90	576.010	572.705	572.455			3.555				
	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	10.240	1.500	12.058		107.297	119.355
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard										
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		127.141	139.199
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.555	4.461		71.504	75.965
	Item No. : 11 Transportation of earth Transportation charges							10.355		219.627	229.982
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							28.577			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.305	5.325			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								10.355			
								18.221		297.583	315.804
	K 115.28										
	CH1214.60	577.307	573.307	573.057			4.250				
	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	10.240	1.200	9.646		119.355	129.001
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.200	9.646		47.047	56.693
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		70.507	72.115
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.300	2.412		139.199	141.610
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.250	10.048		75.965	86.013



17

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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Joint Venture of M/s. K. J. Infra Pvt. Ltd. & GECPI (Joint Venture)

5

Branch at Sigma Hospital 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4 :- Excavation for foundation/pipe trenches in soft (a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		5.627	6.431
	Item No. : 11 Transportation of earth Transportation charges							13.191		229.982	243.173
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							34.163			
	Deduction										
	Brick work	1		0.785	2.280	2.280	2.000	8.161			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								13.191			
	K 115.29			Net Qty = A - B				20.972		315.804	336.776
	CH1235.80	578.040	573.443	573.193			4.847				
	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	10.240	1.200	9.646		129.001	138.647
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.300	10.450		56.693	67.143
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		72.115	73.722
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.200	1.608		141.610	143.218
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.500	12.058		86.013	98.071
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.347	2.789		13.882	16.672
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		6.431	7.235
	Item No. : 11 Transportation of earth Transportation charges							15.627		243.173	258.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							38.962			
	Deduction										
	Brick work	1		0.785	2.280	2.280	2.597	10.598			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								15.627			
	K 115.30			Net Qty = A - B				23.335		336.776	360.111
	CH1249.50	578.240	573.470	573.220			5.020				
	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	10.240	1.200	9.646		138.647	148.293
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		67.143	79.201
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.500	12.058		8.038	20.096
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.100	0.804		0.000	0.804
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		73.722	75.330
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.420	3.376		16.672	20.048



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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 G.P.D.I nine line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Branch at Sigma Hospital 1.5m MH Excavation

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. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		7.235	8.038
	Item No. : 11 Transportation of earth Transportation charges							16.333		258.800	275.134
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							40.353			
	Deduction										
	Brick work	1		0.785	2.280	2.280	2.770	11.304			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								16.333			
	Net Qty = A - B							24.019		360.111	384.130
	K 115.31						5.074				
	CH1303.20	578.420	573.596	573.346							
	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	10.240	1.200	9.646		148.293	157.94
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		79.201	91.26
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	1.500	12.058		20.096	32.15
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.200	1.608		0.804	2.41
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		75.330	76.94
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.000	0.000		143.218	143.22
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.000	0.000		98.071	98.07
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.374	3.006		20.048	23.05
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		8.038	8.84
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.000	0.000		12.308	12.31
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.000	0.000		27.848	27.85
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.000	0.000		3.301	3.30
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.000	0.000		13.561	13.56
	(d) For Lift 4.5m to 6.0m	1			0.785	10.240	0.000	0.000		9.148	9.15
	Item No. : 11 Transportation of earth Transportation charges							16.554		275.134	291.69
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							40.787			
	Deduction										
	Brick work	1		0.785	2.280	2.280	2.824	11.524			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								16.554			
	Net Qty = A - B							24.233		384.130	408.36



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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)

Branch at Sigma Hospital Quantity Node Abstract

9th R A BILL MEASUREMENTS

Branch Of Sewer K at Cigma Hospital

SR NO	Description	MB/PG	ITEM 1				ITEM 2				ITEM 4			
			0-1.5	1.5-3.0	3.0-4.5	4.5-6	0-1.5	1.5-3.0	3.0-4.5	4.5-6	0-1.5	1.5-3.0	3.0-4.5	4.5-6
1	For Pipe		1,945.507	858.258	198.720	16.056	1,046.128	1,601.789	843.562	95.712	107.094	62.825	88.386	28.799
2	For Manhole		157.939	91.259	32.154	2.412	76.938	143.218	98.071	23.054	8.842	12.308	27.848	
Total			2,103.446	949.517	230.874	18.468	1,123.066	1,745.007	941.633	118.766	115.937	75.133	116.233	28.799

PMC

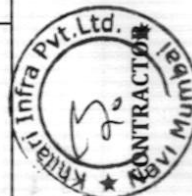
CLIENT

Authorized signatory

Dy. Engineer

Ex. Engineer

Jr. Engineer



[Signature]

[Signature]

[Signature]

[Signature]

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

Branch at Sigma Hospital Quantity Node Abstract

9th R A BILL MEASUREMENTS

Branch Of Sewer K at Sigma Hospital

SR NO	Description	MIS/PG	ITEM 5			ITEM 7	ITEM 10	ITEM 11	ITEM 17 600mm	ITEM 23 2-5 m	ITEM 23.1 Rebate	ITEM 30	EIRL 1 3.5m	EIRL 1.a Rebate
			1.5-3.0	3-4.5	4.5-6									
1	For Pipe		19,700	134,715	76,317	259,992	705,000	680,156	945,000			6,443,414		
2	For Manhole		3,301	13,561	9,148			291,687		12,000	(11,766)	408,363	10,000	34,400
Total			23,001	148,276	85,465	259,992	705,000	971,843	945,000	12,000	(11,766)	6,851,777	10,000	34,400

CLIENT

Ex. Engineer

Dy. Engineer

Jr. Engineer

PMC

Authorized Signatory

