

Name of work:- Development of Outer Ground Sewerage Collection System for Zone P & Q 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.

Page No. 1011
 Book No. 1011
 Date of Bill 10/11/2016

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

Measurements of Ninth Running Account Bill

PART-A for STP (Turnkey Work)	
e	STP at Padegaon 10MLD
1	PRELIMINARY WORK PAYMENT SCHEDULE (AS per billing Breakup) @ 9.0 %

Date of Measurement	Item No. 3. Submission of RCC, Mechanical, electrical & instrumentation design Of 10 MLD STP Padegaon @ 2.5%		
Item 3	Submittal Description	Submission Letter No.	
	SBR Basins RCC	KIPL/A'bad/443/2015	
	CCT, Chlorination House and Tonner Room- RCC	KIPL/A'bad/477/2015	
	Primary Unit-RCC	KIPL/A'bad/443/2015	
	Admin Building-RCC	KIPL/A'bad/677/2016	
	Centrifuge-RCC	KIPL/A'bad/477/2015	
	DATA SHEETS		
	Datasheet and GAD from SFC	KIPL/A'bad/419/2015	
	Chlorination System	KIPL/A'bad/473/2015	
	Quantity executed upto RA Bill 08	0.000	Quantity executed in RA Bill 09
	Total Quantity	20.00	Quantity executed upto date
			16.000
			16.000
			80.00%
Percentage work done upto date			

II	CONSTRUCTION WORK PAYMENT SCHEDULE					
A	Civil Work					
1	Water Retaining Structure					
Item 1.1	Inlet chamber.fine Screen Chamber @ 0.5%					
d	Columns Half Height Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	C-15,21,25,26,29,30	6	0.30	0.30	2.40	1.30
	C-12,13	2	0.30	0.30	2.40	0.43
	C-24	1	0.30	0.30	2.40	0.22
	C-22,23	2	0.30	0.30	2.40	0.43
	C-20	1	0.30	0.30	2.40	0.22
	C-28,27	2	0.30	0.30	2.40	0.43
	Quantity executed upto RA Bill 08	0.00	Quantity executed in RA Bill 09			3.02
	Total Quantity	3.02	Quantity executed upto date			3.02
			Percentage work done upto date			100.0%

Item 1.2	Degritting Units @ 0.5%					
d	Columns Half Height Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	C-8,11	2	0.30	0.30	2.40	0.43
	C-9,14	2	0.30	0.30	2.40	0.43
	C-10,18	2	0.30	0.30	2.40	0.43
	C-16,19	2	0.30	0.30	2.40	0.43
	C-17	1	0.30	0.30	2.40	0.22
	C-1,4,3,7	2	0.30	0.30	2.40	0.43
	C-2,5,6	1	0.30	0.30	2.40	0.22
	Quantity executed upto RA Bill 08	0.00	Quantity executed in RA Bill 09			2.59
	Total Quantity	2.59	Quantity executed upto date			2.59
			Percentage work done upto date			100.0%



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

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Item 1.3	SBR Basin @ 14.5%					
d	Walls Half Height Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	W6 short Wall upto ht 2.4 mtr	2	44.925	0.7685	2.4	165.72
	W6 short Wall upto ht 2.4 mtr	2	29.5	0.7685	2.4	108.82
	W7 wall upto ht 2.4mtr	1	29.5	0.7685	2.4	54.41
	W1 & W1A wall upto 1mtr	2	21	0.22	1	9.24
	W1 & W1A wall above 1mtr upto 2.4mtr	2	21	0.2	1.4	11.76
	W2 wall upto 2.4mtr	6	3.1	0.2	2.1	7.81
	W3 wall upto 2.4mtr	4	3.1	0.2	2.4	5.95
Quantity executed upto RA Bill 08		0.00	Quantity executed in RA Bill 09			363.713
Total Quantity		417.04	Quantity executed upto date			363.713
Percentage of Concrete work done upto date						87.2%
						Cum
Item 1.4	Chlorine Contact Tank @ 1%					
d	Walls Half Height Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	W1 Wall long span	1	29.95	0.22	1.25	8.236
	W1 wall short span	1	6.60	0.22	1.25	1.815
	W2 Wall	1	12.68	0.20	0.93	2.346
	W2A wall	1	15.75	0.10	0.93	1.457
	W3 WALL	2	3.10	0.20	0.63	0.775
	W4 WALL	2	3.10	0.10	0.63	0.388
	W5 Wall	13	1.30	0.10	0.93	1.563
Quantity executed upto RA Bill 08		0.00	Quantity executed in RA Bill 09			16.580
Total Quantity		19.63	Quantity executed upto date			16.580
Percentage of Concrete work done upto date						84.5%
						Cum
e	Walls Full Height Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	W1 Wall long span	1	29.95	0.22	1.25	8.236
	W1 wall short span	1	6.60	0.22	1.25	1.815
	W2 Wall	1	12.68	0.20	0.93	2.346
	W2A wall	1	15.75	0.10	0.93	1.457
	W3 WALL	2	3.10	0.20	0.63	0.775
	W4 WALL	2	3.10	0.10	0.63	0.388
	W5 Wall	13	1.30	0.10	0.93	1.563
Quantity executed upto RA Bill 08		0.00	Quantity executed in RA Bill 09			16.580
Total Quantity		20.588	Quantity executed upto date			16.580
Percentage of Concrete work done upto date						80.5%
						Cum
2	Buildings Structure Work					
2.1	Administration Building (3%) And Blower & MCC house (3.5%) total = 6.5 %					
a	Excavation and dressing Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	Excavation for foundation	1	26.00	16.00	2.50	1040.000
Quantity executed upto RA Bill 08		0.00	Quantity executed in RA Bill 09			1,040.000
Total Quantity		1040.000	Quantity executed upto date			1040.000
Percentage work done upto date						100.0%
						Cum



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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. :-

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

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

Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	C14,24	2	0.300	0.530	2.400	0.763
	C17	1	0.300	0.530	2.400	0.382
	C18	1	0.300	0.530	2.400	0.382
	C21,22	2	0.300	0.530	2.400	0.763
	C8,9,16	3	0.300	0.530	2.400	1.145
	Plinth Beams					
	PB1TO5	1	18.645	0.300	0.650	3.636
	PB6,8	2	0.865	0.230	0.450	0.179
	PB26,27	1	4.475	0.230	0.450	0.463
	PB28	1	1.960	0.230	0.450	0.203
	PB7	1	3.785	0.300	0.530	0.602
	PB9	1	3.785	0.300	0.530	0.602
	PB10,11,12,13	1	12.460	0.300	0.600	2.243
	PB14,22	2	3.700	0.300	0.450	0.999
	PB17	1	2.400	0.300	0.600	0.432
	PB18TO21	1	17.770	0.300	0.600	3.199
	PB23,24,25	1	11.800	0.300	0.600	2.124
	PB29,30	1	7.365	0.300	0.600	1.326
	PB31,32,33	1	11.800	0.300	0.600	2.124
	PB34,37,40	3	6.015	0.300	0.530	2.869
	PB35,36,38,39	2	5.670	0.300	0.600	2.041
	PB41,42	1	11.985	0.300	0.600	2.157
	PB43	1	6.200	0.300	0.530	0.986
Quantity executed upto RA Bill 08		0.00	Quantity executed in RA Bill 09			107.286
Total Quantity		107.286	Quantity executed upto date			107.286
Percentage work done upto date						100.0%
						Cum





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

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

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount upto last bill	Since Previous
1	2	3	4	4	5	6	7	8	9	10	11	12
2.50%	2.000%	0.000%	2.000%	3	Submission of RCC, Mechanical, electrical & instrumentation design			2132206		1705765	0	1705765
0.50%	0.400%	0.000%	0.400%	4	Approval of RCC, Mechanical, electrical & instrumentation design			426441		341153	0	341153
9.00%	8.400%	6.000%	2.400%		Total			7675943		7164213	5117295.0	2046918
				II	CONSTRUCTION WORK PAYMENT SCHEDULE							
				1	Civil Works - Total 35%							
				1	Water Retaining Structure			29850889				
				1.1	Inlet chamber, fine Screen Chamber @ 0.5%							
7.50%	7.500%	7.500%	0.000%	a	Excavation and dressing Complete			426441				
10.00%	10.000%	10.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			31983		31983	31983	0
30.00%	30.000%	30.000%	0.000%	c	RCC Raft			42644		42644	42644	0
20.00%	20.000%	0.000%	20.000%	d	Walls Half Height Complete			127932		127932	127932	0
100.00%	67.50%	47.50%	20.00%		Total			85288		85288	0	85288
				1.2	Degrating Units @ 0.5%			426441		287847	202559	85288
7.50%	7.500%	7.500%	0.000%	a	Excavation and dressing Complete			426441				
10.00%	10.000%	10.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			31983		31983	31983	0
30.00%	30.000%	30.000%	0.000%	c	RCC Raft			42644		42644	42644	0
20.00%	20.000%	0.000%	20.000%	d	Walls Half Height Complete			127932		127932	127932	0
100.00%	67.50%	47.50%	20.00%		Total			85288		85288	0	85288
				1.3	SBR Basin 14.5%			426441		287847	202559	85288
7.50%	7.500%	7.500%	0.000%	a	Excavation and dressing Complete			12366797				
10.00%	10.000%	10.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			927510		927510	927510	0
30.00%	30.000%	30.000%	0.000%	c	RCC Raft			1236680		1236680	1236680	0
20.00%	17.440%	0.000%	17.440%	d	Walls Half Height Complete			3710039		3710039	3710039	0
100.00%	64.94%	47.50%	17.44%		Total			2473559		2156769	0	2156769
								12366797		8030998	5874229	2156769


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Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	2	3	4	4	5	6	7	8	9	10	11	12
				1.4	Chlorine Contact Tank 1%			852883				
7.50%	7.5000%	7.5000%	0.0000%	a	Excavation and dressing Complete			63966		63966	63966	0
10.00%	10.0000%	10.0000%	0.0000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			85288		85288	85288	0
30.00%	30.0000%	30.0000%	0.0000%	c	RCC Raft			255865		255865	255865	0
20.00%	16.9000%	0.0000%	16.9000%	d	Walls Half Height Complete			170577		144137	0	144137
20.00%	16.1000%	0.0000%	16.1000%	e	Walls Full Height Complete			170577		137314	0	137314
100.00%	80.50%	47.50%	33.00%		Total			852883		686570	405119	281451
				2	Buildings Structure Work @ 13.50%							
				2.1	Administration Building @ 3% & Blower and MCC House @ 3.5% Total is 6.5%			5543736				
5.00%	5.0000%	0.0000%	5.0000%	a	Excavation and dressing Complete			277187		277187	0	277187
7.00%	7.0000%	0.0000%	7.0000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			388062		388062	0	388062
20.00%	20.0000%	0.0000%	20.0000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			1108747		1108747	0	1108747
100.00%	32.0000%	0.0000%	32.0000%		Total			5543736	0	1773996	0	1773996
				2.2	Chlorination Building @ 1.5%			5543736				
5.00%	5.0000%	5.0000%	0.0000%	a	Excavation and dressing Complete			277187		277187	277187	0
7.00%	7.0000%	7.0000%	0.0000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			388062		388062	388062	0
20.00%	20.0000%	20.0000%	0.0000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			1108747		1108747	1108747	0
100.00%	32.0000%	32.0000%	0.0000%		Total			5543736	0	1773996	1773996	0
					A-Total For Civil Work					20005467	13575757	6429710
				B	Mechanical Works - Total 36%			30703771				
				6	Returned Activated and Surplus Sludge Pumps @ 2%			1705765				
75.00%	75.00%	75.00%	0.00%	6.1	On Supply of Material on site duly tested and inspected @ 75%			1279324		1279324	1279324	0
100.00%	75.00%	75.00%	0.00%					1705765	0	1279324	1279324	0






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and-Zone Salim Ali. Construction, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Bancwadi, Siddharth Garden, Zalta, Padegaon. CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Bancwadi, 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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Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Payment on the basis of actual measurements (Amount)		
								Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	2	3	4	4	5	6	7	8	9	10	11	12
				7	Chlorination system (Chlorinators) @ 2%			1705765				
75.00%	75.00%	75.00%	0.00%	7.1	On Supply of Material on site duly tested and inspected @ 75%			1279324		1279324	1279324	0
100.00%	75.00%	75.00%	0.00%		Total			1705765	0	1279324	1279324	0
					B-Total for Mechanical Work					2558648	2558648	0
					Total For Padegaon STP (A+B)					22564115	16134405	6429710




Authorized Signatory Contractor




Khilari Infrastructure Pvt. Ltd. & GECPL




Project Manager




Project Manager



Dy. Engineer



Executive Engineer



Executive Engineer

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