

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. :-

53

Zalta STP

Measurements of Nineth Running Account Bill						
PART-A for STP (Turnkey Work)						
d STP at Zalta 35 MLD						
ii CONSTRUCTION WORK PAYMENT SCHEDULE						
A Civil Work						
2 Buildings Structure Work						
2.1 & 2.4 Administration Building @ 3% & Blower and MCC House @ 3.5% Total is 6.5%						
f Brick Work Complete						
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	Ground Floor					
	C1 to C2	1	2.530	0.230	5.050	2.94
	C2 to C3	1	2.730	0.230	5.050	3.17
	C3 to C4	1	4.413	0.230	5.050	5.13
	C4 to C5	1	4.012	0.230	5.050	4.66
	C5 to C6	1	4.630	0.230	5.050	5.38
	TOILET	2	1.200	0.115	2.850	0.79
	TOILET	1	4.270	0.115	2.850	1.40
	C7 to C8	1	3.750	0.230	4.520	3.90
	C9 to C10	1	4.413	0.230	4.930	5.00
	C10 to C11	1	4.052	0.230	4.930	4.59
	C11 to C12	1	4.550	0.230	4.930	5.16
	C13 to C14	1	5.550	0.230	4.930	6.29
	C14 to C15	1	5.910	0.230	4.930	6.70
	C18 to C19	1	5.700	0.230	4.930	6.46
	C19 to C20	1	5.835	0.230	4.930	6.62
	C21 to C22	1	4.860	0.230	4.930	5.51
	C1 TO C7	1	4.105	0.230	5.050	4.77
	C7 TO C13	1	3.455	0.230	5.050	4.01
	C13 TO C18	1	4.250	0.230	5.050	4.94
	C2,C3 TO C8	1	4.255	0.230	5.050	4.94
	C8 TO C13,14	1	3.455	0.230	4.980	3.96
	C3 TO C9	1	6.135	0.230	5.050	7.13
	C14 TO C19	1	4.175	0.230	5.050	4.85
	C15 TO C20	1	3.950	0.230	5.050	4.59
	C11 TO C16	1	1.350	0.230	5.050	1.57
	C16 TO C21	1	3.950	0.230	5.050	4.59
	C17 TO C22	1	4.100	0.230	4.980	4.70
	C12 TO C17	1	1.500	0.230	4.980	1.72
	C6 TO C12	1	6.135	0.230	4.980	7.03
	TOILET	2	0.450	0.115	2.850	0.29
	TOILET	2	0.150	0.115	2.850	0.10
	First Floor					
	C1 to C2	1	2.530	0.230	3.970	2.31
	C2 to C3	1	2.730	0.230	3.970	2.49
	C3 to C4	1	4.413	0.230	3.970	4.03
	C4 to C5	1	4.012	0.230	3.970	3.66
	C5 to C6	1	4.630	0.230	3.970	4.23



Gore V.K

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

Book No. :-

Page No. :-

Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	TOILET	2	1.200	0.115	2.850	
	TOILET	1	4.270	0.115	2.850	0.79
	TOILET	1	2.215	0.115	2.850	1.40
	TOILET	1	1.500	0.115	2.850	0.73
	C7 to C8	1	3.750	0.230	3.970	0.49
	C9 to C10	1	4.413	0.230	3.970	3.42
	C10 to C11	1	4.052	0.230	3.970	4.03
	C11 to C12	1	4.550	0.230	3.970	3.70
	C13 to C14	1	5.550	0.230	3.970	4.15
	C14 to C15	1	5.910	0.230	3.970	5.07
	C18 to C19	1	5.700	0.230	3.970	5.40
	C19 to C20	1	5.835	0.230	3.970	5.20
	C21 to C22	1	4.860	0.230	3.970	5.33
	C1 TO C7	1	4.105	0.230	3.970	4.44
	C7 TO C13	1	3.455	0.230	3.970	3.75
	C13 TO C18	1	4.250	0.230	3.970	3.15
	C2,C3 TO C8	1	4.255	0.230	3.970	3.88
	C8 TO C13,14	1	3.455	0.230	3.970	3.89
	C3 TO C9	1	6.135	0.230	3.970	3.15
	C14 TO C19	1	4.175	0.230	3.970	5.60
	C15 TO C20	1	3.950	0.230	3.970	3.81
	C11 TO C16	1	1.350	0.230	3.970	3.61
	C16 TO C21	1	3.950	0.230	3.970	1.23
	C17 TO C22	1	4.100	0.230	3.970	3.61
	C12 TO C17	1	1.500	0.230	3.970	3.74
	C6 TO C12	1	6.135	0.230	3.970	1.37
	TOILET	2	0.450	0.115	3.970	5.60
	TOILET	2	0.150	0.115	3.970	0.41
	C16 TO C21	1	3.950	0.230	2.950	0.14
	C15 TO C16	1	2.400	0.230	2.950	2.68
	C15 TO C20	1	3.950	0.230	2.950	1.63
	PARAPET WALL					2.68
	C1 TO C7	1	4.105	0.150	1.000	
	C7 TO C13	1	3.455	0.150	1.000	0.62
	C13 TO C18	1	4.255	0.150	1.000	0.52
	C1 to C2	1	2.530	0.150	1.000	0.64
	C2 to C3	1	2.730	0.150	1.000	0.38
	C3 to C4	1	4.413	0.150	1.000	0.41
	C4 to C5	1	4.012	0.150	1.000	0.66
	C5 to C6	1	4.630	0.150	1.000	0.60
	C6 TO C12	1	6.135	0.150	1.000	0.69
	C12 TO C17	1	1.500	0.150	1.000	0.92
	C17 TO C22	1	4.100	0.150	1.000	0.23
	C21 to C22	1	4.860	0.150	1.000	0.62
	C19 to C20	1	5.835	0.150	1.000	0.73
	C18 to C19	1	5.700	0.150	1.000	0.88
	DEDUCTION					0.86
	RS	2	2.500	0.230	3.500	
	D1	4	1.200	0.230	2.400	-4.03
	D2	10	1.000	0.230	2.400	-2.65
	D3	2	2.000	0.230	2.400	-5.52
	D4	9	0.750	0.115	2.100	-2.21
	D5	2	1.000	0.230	2.400	-1.63
	W	10	1.800	0.230	1.500	-1.10
	W1	4	1.800	0.230	1.500	-6.21
	V	9	1.800	0.230	0.600	-2.48
	V1	2	1.800	0.230	0.600	-2.24
	V2	1	3.600	0.230	0.700	-0.50
	V3	1	4.052	0.230	0.600	-0.58
	V3	1	4.415	0.230	2.400	-0.56
	L	1	4.700	0.230	0.600	-2.44
	GD	9	0.750	0.230	0.750	-0.65
	GP1	2	2.600	0.230	2.400	-1.16
	GP2	3	4.483	0.230	3.100	-2.87
	GP2	1	6.060	0.230	3.100	-9.59
	Quantity executed upto RA Bill 08	0.00				-4.32
	Total Quantity	205.68				205.68
	Quantity executed upto date					205.68
	Percentage work done upto date					100.00%
2.2	Chlorination Building @ 1.5%					
f	Brick Work Complete					
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	C7 to C8	1	5.00	0.23	4.46	
	C7 to C5	1	4.85	0.23	4.46	5.12
	C8 to C6	1	4.85	0.23	4.46	4.97
	C5 to C6	1	5.00	0.23	4.46	4.97
	C5 to C3	1	3.30	0.12	1.28	5.12
	C3 to C1	1	3.30	0.12	1.28	0.48
	C1 to C2	1	1.80	0.12	1.28	0.48
	C2 to C4	1	3.30	0.12	1.28	0.26
	C4 to C6	1	3.30	0.12	1.28	0.48
	DEDUCTION					0.48
	DOOR	2	1.20	0.23	2.40	
	W	3	1.80	0.23	1.50	-1.32
	V	3	1.80	0.23	0.60	-1.86
	OP	1	1.25	0.12	1.00	-0.75
	Quantity executed upto RA Bill 08	0.00				-0.14
	Total Quantity	18.31				18.31
	Quantity executed upto date					18.31
	Percentage work done upto date					100.00%



Handwritten signature and initials
Gare V.K

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

Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
g Inside outside Plaster Complete						
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	External Plaster					
	C7 to C8	1	5.46		5.13	28.01
	C5 to C7	1	5.61		5.13	28.78
	C6 to C8	1	5.61		5.13	28.78
	C3 to C5	1	3.68		1.50	5.51
	C1 to C3	1	3.68		1.50	5.51
	C1 to C2	1	2.40		1.50	3.60
	C2 to C4	1	3.68		1.50	5.51
	C4 to C6	1	3.68		1.50	5.51
	BEAM RB-6,7	1	7.73		0.32	2.47
	BEAM RB-6,7 BOTTOM	1	6.59		0.30	1.98
	BEAM RB-12,13	1	7.73		0.32	2.47
	BEAM RB-12,13 BOTTOM	1	6.59		0.30	1.98
	BEAM RB-1	1	5.46		0.32	1.75
	BEAM RB-1 BOTTOM	1	4.86		0.30	1.46
	DOOR CHAJJA	2	1.50		0.60	1.80
	DOOR CHAJJA SIDE	2	0.60		0.10	0.12
	DOOR CHAJJA SIDE	1	1.50		0.10	0.15
	Internal Plaster					
	C7 to C8	1	5.00		4.50	22.50
	C5 to C7	1	5.00		4.50	22.50
	C6 to C8	1	5.00		4.50	22.50
	C6 to C5	2	5.00		4.50	45.00
	C5 to C1	1	7.39		1.00	7.39
	C5 to C1	1	7.39		0.12	0.85
	C2 to C6	1	7.39		1.00	7.39
	C2 to C6	1	7.39		0.12	0.85
	C1 to C2	1	1.80		1.00	1.80
	C1 to C2	1	1.80		0.12	0.21
	SLAB	1	5.00		5.00	25.00
	BEAM, RB-8	2	5.00		0.32	3.20
	BEAM	1	5.00		0.30	1.50
	C1, C2, C3, C4	4	1.36		3.18	17.30
	DOOR SIDE	4	2.40		0.23	2.21
	DOOR SIDE	2	1.20		0.23	0.55
	C3,C4	2	0.38		1.00	0.76
	C3,C4	4	0.15		1.00	0.60
	C1, C2	2	0.15		1.00	0.30
	C1, C2	2	0.23		1.00	0.46
	DEDUCTION					
	DOOR	2	1.20		2.40	-5.76
	W	3	1.80		1.50	-8.10
	V	3	1.80		0.60	-3.24
	OP	1	1.25		1.00	-1.25
	Quantity executed upto RA Bill 08	0.00				289.90
	Quantity executed in RA Bill 09					289.90
	Total Quantity	289.90				289.90
	Percentage work done upto date					100.0%
2.3 Centrifuse feed pump house and Centrifuse Building @ 1.5%						
d RCC Super Structure upto Lintel Level						
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	Column Plinth TO 1ST SLAB					
	C1	1	0.30	0.38	4.55	0.52
	C2	1	0.30	0.38	4.55	0.52
	C3	1	0.30	0.38	4.55	0.52
	C4	1	0.30	0.38	4.55	0.52
	C5	1	0.30	0.45	4.55	0.61
	C6	1	0.30	0.45	4.55	0.61
	C7	1	0.30	0.45	4.55	0.61
	C8	1	0.30	0.45	4.55	0.61
	C9	1	0.30	0.45	4.55	0.61
	C10	1	0.30	0.45	4.55	0.61
	C11	1	0.30	0.30	4.55	0.41
	C12	1	0.30	0.30	4.55	0.41
	Quantity executed upto RA Bill 08	0.00				6.57
	Quantity executed in RA Bill 09					6.57
	Total Quantity	6.57				6.57
	Percentage work done upto date					100.0%
e RCC Super Structure from Lintel Level to Roofslab Complete						
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	COLOUM 1st slab TO 2nd SLAB					



Gure v.v

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 in Aurangabad City.

Book No. :-

53

Page No. :-

Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	C 5	1	0.30	0.45	3.97	0.54
	C 6	1	0.30	0.45	3.97	0.54
	C 7	1	0.30	0.45	3.97	0.54
	C 8	1	0.30	0.45	3.97	0.54
	C 9	1	0.30	0.45	3.97	0.54
	C 10	1	0.30	0.45	3.97	0.54
	FLOOR BEAM					
	FB1	1	6.20	0.30	0.40	0.74
	FB2	1	6.36	0.30	0.40	0.76
	FB3	1	6.36	0.30	0.40	0.76
	FB4	1	6.36	0.30	0.40	0.76
	FB5	1	4.06	0.30	0.40	0.49
	FB6	1	2.97	0.30	0.40	0.36
	FB7	1	4.21	0.30	0.38	0.48
	FB8	1	3.21	0.30	0.38	0.37
	FB9	1	4.21	0.30	0.38	0.48
	FB10	1	3.21	0.30	0.38	0.37
	FB11	1	4.06	0.30	0.38	0.46
	FB12	1	3.21	0.30	0.38	0.37
	FB13	1	5.70	0.30	0.38	0.65
	FB14	1	5.24	0.30	0.40	0.63
	FB15	1	5.25	0.30	0.40	0.63
	FB16	1	2.40	0.30	0.45	0.32
	FB17	1	5.40	0.30	0.40	0.65
	FB18	1	5.24	0.30	0.40	0.63
	FB19	1	5.25	0.30	0.40	0.63
	FB20	1	5.70	0.30	0.38	0.65
	F.S-1	1	11.23	7.04	0.13	10.28
	F.S-2	1	6.30	8.23	0.15	7.78
	ROOF BEAM					
	RB1	1	4.06	0.30	0.40	0.49
	RB2	1	2.97	0.30	0.40	0.36
	RB3	1	4.21	0.30	0.40	0.51
	RB4	1	3.12	0.30	0.40	0.37
	RB5	1	4.06	0.30	0.40	0.49
	RB6	1	2.97	0.30	0.40	0.36
	RB7	1	5.70	0.30	0.40	0.68
	RB8	1	5.18	0.30	0.40	0.62
	RB9	1	5.70	0.30	0.40	0.68
	R.S-1	1	8.53	6.60	0.13	7.32
	STAIR					
	1,2,3 flight	3	2.80	1.20	0.15	1.51
	1,2,3 flight Rise	30	1.20	0.30	0.15	1.62
	1st flight Landing	1	0.90	1.20	0.15	0.16
	2,3 flight Landing bottom	2	2.40	1.20	0.15	0.86
	2 flight Landing bottom	1	2.40	1.43	0.15	0.51
	3 flight Landing bottom	1	1.20	1.43	0.15	0.26
	MB1	4	2.40	0.30	0.38	1.09
	Quantity executed upto RA Bill 08	0.00	Quantity executed in RA Bill 09			50.35
	Total Quantity	50.35	Quantity executed upto date			50.35
			Percentage work done upto date			100.00%
	f	Brick Work Complete				
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)
	GROUND FLOOR					
	C1 to C3	1	5.25	0.23	3.47	4.19
	C3 to C5	1	0.84	0.23	3.47	0.67
	C3 to C5	1	4.40	0.23	1.77	1.79
	C1 to C2	1	6.20	0.23	4.47	6.37
	C2 to C4	1	5.25	0.23	4.47	5.39
	C4 to C7	1	4.79	0.23	4.47	4.92
	C6 to C7	1	2.97	0.23	4.47	3.05
	C6 to C5	1	2.11	0.23	4.47	2.17
	C6 to C5	1	1.98	0.23	1.77	0.81
	C5 to C8	1	5.70	0.23	4.47	5.86
	C8 to C9	1	4.06	0.23	4.47	4.17
	C9 to C10	1	2.97	0.23	4.47	3.05
	FIRST FLOOR					
	C1 to C2	1	6.20	0.15	1.00	0.93
	C2 to C4	1	5.25	0.15	1.00	0.79
	C1 to C3	1	5.25	0.15	1.00	0.79
	C3 to C5	1	5.24	0.15	1.00	0.79
	C5 to C8	1	5.70	0.15	1.00	0.86
	C4 to C7	1	5.24	0.15	1.00	0.79
	C7 to C10	1	5.70	0.15	1.00	0.86
	C8 to C9	1	4.06	0.15	1.00	0.61
	C9 to C10	1	2.97	0.15	1.00	0.45
	C6 to C7	1	2.97	0.15	1.00	0.45
	C5 to C6	1	4.06	0.15	1.00	0.61
	DEDUCTION					



GORE V.K.

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. :-

58

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

Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)			
	PB 12	1	3.52	0.30	0.53				
	PB 13	1	4.56	0.30	0.53	0.56			
	PB 14	1	4.78	0.30	0.53	0.73			
	PB 15	1	4.64	0.30	0.53	0.76			
	PB 16	1	4.93	0.30	0.53	0.74			
	PB 17	1	4.64	0.30	0.53	0.78			
	PB 18	1	4.78	0.30	0.53	0.74			
	PB 19	1	4.56	0.30	0.53	0.76			
	PB 20	1	4.56	0.30	0.53	0.73			
	PB 21	1	4.56	0.30	0.53	0.73			
	Quantity executed upto RA Bill 08	0.00				0.73			
	Total Quantity	33.94				33.94			
						Quantity executed upto date			
						33.94			
						Percentage work done upto date			
						100.0%			
d RCC Super Structure upto Lintel Level									
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (m ³)			
	Column Plinth								
	C1	1	0.45	0.30	6.03				
	C2	1	0.45	0.30	6.03	0.81			
	C3	1	0.45	0.30	6.03	0.81			
	C4	1	0.45	0.30	6.03	0.81			
	C5	1	0.45	0.30	6.03	0.81			
	C6	1	0.45	0.30	6.03	0.81			
	C7	1	0.45	0.30	6.03	0.81			
	C8	1	0.45	0.30	6.03	0.81			
	C9	1	0.45	0.30	6.03	0.81			
	C10	1	0.45	0.30	6.03	0.81			
	C11	1	0.45	0.30	6.03	0.81			
	C12	1	0.45	0.30	6.03	0.81			
	C13	1	0.45	0.30	6.03	0.81			
	C14	1	0.45	0.30	6.03	0.81			
	C15	1	0.45	0.30	6.03	0.81			
	Quantity executed upto RA Bill 08	0.00				0.81			
	Total Quantity	12.21				12.21			
						Quantity executed upto date			
						12.21			
						Percentage work done upto date			
						100.0%			
B Mechanical Work @ 36%									
9 Interconnecting Air Piping									
9.1 On Supply of Material on site duly tested and inspected @ 75%									
Date of Measurement	Particulars of work					Total Wt in MT	Supplied Quantity in RMT		
	Sr.	Pipe ASL No.	Spec/Grade	WT	OD	Length (mtr)	Delivery Detail	Wt (MT)	Cummulative Qty (mtr)
	1		HFERW BLACK	5mm	165.1	144.480	LR No 5164 Dated	2.5	144.480
	2					234.000		13.27	
	Total Received Quantity (Rmt)					378.480		15.770	
	Air Piping for SBR-200mm Dia & 8mm thick M. S. Pipe ERW								
	Quantity executed upto RA Bill 06	0.00							0
	Total Quantity	19.79 MT						15.77	
								15.77	MT
								79.69%	
9.2 On Erection / Installation Complete @ 15%									
Date of Measurement	Particulars of work	No.	L (m)	B (m)	H (m)	Totals (RMT)			
	450 mm Dia.								
	C-Tech Basin 1 to 2	1	65.00			65.00			
	C-Tech Basin 2	1	35.00			35.00			
	C-Tech Basin 3	1	35.00			35.00			
	C-Tech Basin 3 to 4	1	65.00			65.00			
	Vertical Line	1	14.00			14.00			
	150 mm Dia.	1	144.00			144.00			
	Quantity executed upto RA Bill 08	0.00				144.00			
	Total Quantity	744.00				358.00			
						358.00			
						48.12%			



Garvik

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. :-

57

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

PART A - ABSTRACT OF COST

Name of Work :- Development of Underground Sewerage Collection system for Zone I to VI & Zone Salim Ali, Construction of sewage Treatment Plants, Construction of sewage pumping stations, Providing Rising Main GRP/DI pipe lines for Aurangabad City under UIDSSMT.

Date of Commencement - 01-07-2014

Stipulated Date of Completion - 01-07-2017

A & F Sanction No. & Date :

Technical Sanction No. & Date :



Serial No. of this Bill - 9 R.A. Bill Dt : 15.06.2016

Name of Contractor - M/s. Khilari Infrastructure Pvt Ltd.

Contract No., & Date - /AMC/WARD(B&C)/UIDSSMT/2014/184 Dt.01.07.2014

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
					PART-A for STP (Turnkey Work)							
					Name of Work - Designing, Constructing, Erecting and Commissioning of Sewage Treatment Plant based on Item No. 1 :- Designing (aesthetically), providing, constructing and giving satisfactory trials of modernised Sewage Treatment Plant consisting of receiving chamber, screen chamber, grit chamber, measuring flume, distribution chamber with primary and secondary treatment, etc.as detailed below.							
					Cyclic Activated Sludge Process							
					Moving Media Bio Reactor (MMBR) / FAB (Fluidised							
					Suppling & erecting approved make of oil immersed and naturally cooled indoor /outdoor type , copper wound transformer with delta conn. on HV side & star conn. on LV side with additional neutral brought out in load side , voltage rating 11/0.433 vV with tapping of +/- 2.5 % - 5 % continuously rated for full load with standered							
				d	STP at Zalta 35 MLD.			302157742				
				1	PRELIMINARY WORK @ 9.0 %			27194197				
4.00%	4.000%	4.000%	0.000%	1	Submission of process design.			12086310	6906463	12086310	12086310	0
2.00%	2.000%	2.000%	0.000%	2	Approval of process design (engineer \$ appd.)			6043155	3453231	6043155	6043155	0
2.50%	1.375%	1.375%	0.000%	3	Submission of RCC, Mechanical, electrical & instrumentation design			7553944		4154669	4154669	0
0.50%	0.150%	0.150%	0.000%	4	Approval of RCC, Mechanical, electrical & instrumentation design			1510789		453237	453237	0
9.00%	7.53%	7.03%	0.00%		Total			27194197		22737371	22737371	0

Gare v.k

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)

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Part rate	Payment on the basis of actual measurements (Amount)		
								Full Rate	8		9	Upto date Amount	10
1	2	3	4	4	5	6	7	8	9	10	11	12	
				II	CONSTRUCTION WORK PAYMENT SCHEDULE			105755210					
				A	Civil Works - Total 35%								
				I	Water Retaining Structure								
				1.1	Inlet chamber, fine Screen Chamber @ 0.5%			1510789					
7.50%	7.500%	7.500%	0.000%	a	Excavation and dressing Complete			113309		113309	113309	0	
10.00%	10.000%	10.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			151079		151079	151079	0	
30.00%	30.000%	30.000%	0.000%	c	RCC Raft			453237		453237	453237	0	
20.00%	20.000%	20.000%	0.000%	d	Walls Half Height Complete			302158		302158	302158	0	
20.00%	20.000%	20.000%	0.000%	e	Walls Full Height Complete			302158		302158	302158	0	
100.00%	87.50%	87.50%	0.00%		Total			1510789		1321941	1321941	0	
7.50%	7.500%	7.500%	0.000%	1.2	Degrating Units @ 0.5%			1510789					
10.00%	10.000%	10.000%	0.000%	a	Excavation and dressing Complete			113309		113309	113309	0	
30.00%	30.000%	30.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			151079		151079	151079	0	
20.00%	20.000%	20.000%	0.000%	c	RCC Raft			453237		453237	453237	0	
20.00%	20.000%	20.000%	0.000%	d	Walls Half Height Complete			302158		302158	302158	0	
20.00%	20.000%	20.000%	0.000%	e	Walls Full Height Complete			302158		302158	302158	0	
100.00%	87.50%	87.50%	0.00%		Total			1510789		1321941	1321941	0	
7.50%	7.500%	7.500%	0.000%	1.3	SBR Basin 14.5%			43812873					
10.00%	10.000%	10.000%	0.000%	a	Excavation and dressing Complete			3285965		3285965	3285965	0	
30.00%	30.000%	30.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			4381287		4381287	4381287	0	
20.00%	20.000%	20.000%	0.000%	c	RCC Raft			13143862		13143862	13143862	0	
20.00%	19.094%	19.094%	0.000%	d	Walls Half Height Complete			8762575		8762575	8762575	0	
5.00%	4.057%	4.057%	0.000%	e	Walls Full Height Complete			8762575		8762575	8762575	0	
100.00%	90.65%	90.65%	0.00%	f	Platforms / Walkway and Railing Complete			2190644		1777269	8365630	0	
					Total			43812873		39716588	39716588	0	
7.50%	7.500%	7.500%	0.000%	1.4	Chlorine Contact Tank 1%			3021577					
10.00%	10.000%	10.000%	0.000%	a	Excavation and dressing Complete			226618		226618	226618	0	
30.00%	30.000%	30.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			302158		302158	302158	0	
				c	RCC Raft			906473		906473	906473	0	

Gene v.k




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)

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Rate		Part rate	Payment on the basis of actual measurements (Amount)		
								Full Rate	8		9	Upto date Amount	10
1	2	3	4	4	5	6	7	8	9	10	11	12	
20.00%	20.000%	20.000%	0.000%	d	Walls Half Height Complete			604315		604315	604315	0	
20.00%	20.000%	20.000%	0.000%	e	Walls Full Height Complete			604315		604315	604315	0	
5.00%	5.000%	5.000%	0.000%	f	Platforms / Walkway and Railing Complete			151079		151079	151079	0	
100.00%	92.50%	92.50%	0.00%		Total			3021577		2794958	2794958	0	
				1.5	Gravity Sludge Thickner and Thickened Sludge Sump @ 0.75%			2266183					
7.50%	7.500%	7.500%	0.000%	a	Excavation and dressing Complete			169964		169964	169964	0	
10%	10.000%	0.000%	10.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			226618		226618	0	226618	
30%	30.000%	0.000%	30.000%	c	RCC Raft			679855		679855	0	679855	
20.00%	20.000%	0.000%	20.000%	d	Walls Half Height Complete			453237		453237	0	453237	
100.00%	67.500%	7.500%	60.000%		Total			2266183		1529674	169964	1359710	
				2	Buildings Structure Work @ 13.50%								
				2.1	Administration Building @ 3% & Blower and MCC House @ 3.5% Total is 6.5%			19640253					
5.00%	5.000%	5.000%	0.000%	a	Excavation and dressing Complete			982013		982013	982013	0	
7.00%	7.000%	7.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			1374818		1374818	1374818	0	
20.00%	20.000%	20.000%	0.000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			3928051		3928051	3928051	0	
15.00%	15.000%	15.000%	0.000%	d	RCC Super Structure upto Lintel Level			2946038		2946038	2946038	0	
15.00%	15.000%	15.000%	0.000%	e	RCC Super Structure from Lintel Level to roof slab			2946038		2946038	2946038	0	
10.00%	10.000%	0.000%	10.000%	f	Brick work Complete			1964025		1964025	0	1964025	
100.00%	72.000%	62.000%	10.000%		Total			19640253	0	14140983	12176958	1964025	
				2.2	Chlorination Building @ 1.5%			4532366					
5.00%	5.000%	5.000%	0.000%	a	Excavation and dressing Complete			226618		226618	226618	0	
7.00%	7.000%	7.000%	0.000%	b	PCC M15 for Bed Concrete / Levelling Course Complete			317266		317266	317266	0	
20.00%	20.000%	20.000%	0.000%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			906473		906473	906473	0	
15.00%	15.000%	15.000%	0.000%	d	RCC Super Structure upto Lintel Level			679855		679855	679855	0	
15.00%	15.000%	15.000%	0.000%	e	RCC Super Structure from Lintel Level to roof slab			679855		679855	679855	0	
10.00%	10.000%	0.000%	10.000%	f	Brick work Complete			453237		453237	0	453237	
8.00%	8.000%	0.000%	8.000%	g	Inside outside Plaster Complete			362589		362589	0	362589	
100.00%	80.000%	62.000%	18.000%		Total			4532366	0	3625893	2810067	815826	

Gore V.N.




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. :- 62
Page No. :-

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
				2.3	Centrifuge feed pump house and Centrifuge Building @ 1.5%			4532366				
5.00%	5.00%	5.00%	0.00%	a	Excavation and dressing Complete			226618		226618	226618	0
7.00%	7.00%	7.00%	0.00%	b	PCC M15 for Bed Concrete / Levelling Course Complete			317266		317266	317266	0
20.00%	20.00%	20.00%	0.00%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			906473		906473	906473	0
15.00%	15.00%	0.00%	15.00%	d	RCC Super Structure upto Lintel Level			679855		679855	0	679855
15.00%	15.00%	0.00%	15.00%	e	RCC Super Structure from Lintel Level to roof slab			679855		679855	0	679855
10.00%	10.00%	0.00%	10.00%	f	Brick work Complete			453237		453237	0	453237
100.00%	72.0000%	32.0000%	40.0000%		Total			4532366	0	3263304	1450357	1812947
				5	H.T. Substation Civil work @ 1%			3021577				
5.00%	5.00%	0.00%	5.00%	a	Excavation and dressing Complete			151079		151079	0	151079
7.00%	7.00%	0.00%	7.00%	b	PCC M15 for Bed Concrete / Levelling Course Complete			211510		211510	0	211510
20.00%	20.00%	0.00%	20.00%	c	RCC Raft / Footing, Piling and Column upto Plinth Level			604315		604315	0	604315
15.00%	15.00%	0.00%	15.00%	d	RCC Super Structure upto Lintel Level			453237		453237	0	453237
100.00%	47.0000%	0.0000%	47.0000%		Total			3021577	0	1420141	0	1420141
					A-Total for Civil Work			108776787		91872794	84500145	7372649
				B	Mechanical Works - Total 36%							
				3	Aeration Assembly (Including Diffusers and Air Grid), Coarse bubble diffusers in selector Zone @ 3%			9064732				
75.00%	75.00%	75.00%	0.00%	3.1	On Supply of Material on site duly tested and inspected @ 75%			6798549		6798549	6798549	0
100.00%	75.00%	75.00%	0.00%		Total			9064732	0	6798549	6798549	0
				4	Air Blowers for SBR Basin (Turbo) @ 2%			6043155				
75.00%	75.00%	75.00%	0.00%	4.1	On Supply of Material on site duly tested and inspected @ 75%			4532366		4532366	4532366	0
100.00%	75.00%	75.00%	0.00%		Total			6043155	0	4532366	4532366	0
				5	Treated Water Draw off Units (Decanters) @ 6%			18129465				
75.00%	75.00%	75.00%	0.00%	5.1	On Supply of Material on site duly tested and inspected @ 75%			13597098		13597098	13597098	0
100.00%	75.00%	75.00%	0.00%		Total			18129465	0	13597098	13597098	0





 GRC VIK

to

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. :-

63

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.	Rate		Partrate	Payment on the basis of actual measurements (Amount)		
							Full Rate	8		9	10	11
1	75.00%	75.00%	0.00%	4	Returned Activated and Surplus Sludge Pumps @ 2%	6	6043155					
	75.00%	75.00%	0.00%	6	On Supply of Material on site duly tested and inspected @ 75%		4532366			4532366		
100.00%	75.00%	75.00%	0.00%				6043155	0	4532366	4532366		0
	75.00%	75.00%	48.22%	7	Chlorination system (Chlorinators) @ 2%		6043155					
	75.00%	26.79%	48.22%	7.1	On Supply of Material on site duly tested and inspected @ 75%		4532366			1618659		2913707
100.00%	75.00%	26.79%	48.22%		Total		6043155	0	4532366	1618659		2913707
	75.00%	59.76%	0.00%	9	Interconnecting Air Piping @ 13%		39280506					
	15.00%	0.00%	0.00%	9.1	On Supply of Material on site duly tested and inspected @ 75%		29460380			23474031		5868508
	10.00%	0.00%	7.22%	9.2	On Errection / Installation Complete @ 15%		5892076			2835267	0	2835267
100.00%	66.98%	59.76%	7.22%	9.3	On Successful Commissioning/ Trial and Run @ 10%		39280506			26309298	17605523	8703775
					Total		39280506	0	26309298	17605523	48684561	11617482
					B-Total For Mechanical Work		30215774					
				C	Electrical Works - Total 10%		6043155					
				1	H.T.Substation @ 2%		1812946					
				a	Transformer @ 0.6%		1359710			1359710	1359710	0
75.00%	75.00%	75.00%	0.00%	a.1	On Supply of Material on site duly tested and inspected @ 75%		1812946			1359710	1359710	0
100.00%	75.00%	75.00%	0.00%		D.G.Set @ 0.9%		2719420					
				b	On Supply of Material on site duly tested and inspected @ 75%		2039565			2039565	2039565	0
75.00%	75.00%	75.00%	0.00%	b.1			2719420	0	2039565	2039565	2039565	0
100.00%	75.00%	75.00%	0.00%		H.T.Panel @ 0.3%		906473					
				c	On Supply of Material on site duly tested and inspected @ 75%		679855			679855	679855	0
75.00%	75.00%	75.00%	0.00%	c.1			906473	0	679855	679855	679855	0
100.00%	75.00%	75.00%	0.00%				906473	0	679855	679855	679855	0



[Signature]
Dy. C. M. G.

[Signature]
Gore v.r.k

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. :-

64

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
				4	Cabling (Plant and Building) @ 2%			6043155				
				a	Cable Tray @ 0.4%			1208631				
75.00%	75.00%	75.00%	0.00%	a.1	On Supply of Material on site duly tested and inspected @ 75%			906473		906473	906473	0
100.00%	75.00%	75.00%	0.00%		C-Total For Electrical Work			1208631	0	906473	906473	0
					Total For Zalta STP (A+B+C)			4985603		4985603	4985603	0
								157160440		138170309	18990131	0

Khilari Infra Pvt. Ltd.
Authorized Signatory
General Manager

Infrastructure Advisory Services
Financial Services
Project Engineer
RMC

Infrastructure Advisory Services
Financial Services
Project Manager
PMC

Jr. Engineer
AMC
Gare V.K.

Executive Engineer
AMC

Dy. Engineer
AMC