

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

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	SAN1TO SAN2										
	CH56.00	546.595	545.135	545.035			1.560	1.351			
	CH76.50	546.895	545.853	545.753			1.142				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			17.840	0.700	1.151	14.374	76.991	91.365	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.840	0.700	0.150	1.873	8.884	10.757	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			17.840	0.700	0.050	0.624	2.961	3.586	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			18.840	0.700	0.100	1.319	3.804	5.123	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.910	5.510	7.420	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			19.340			19.340	54.840	74.180	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							16.871			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	18.840	0.200	0.200	0.592			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.319			
								1.910			
								Net Qty = A - B	14.961	93.426	
	SAN2TO SAN3										
	CH76.50	546.895	545.853	545.753			1.142	1.111			
	CH102.50	547.405	546.425	546.325			1.080				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			23.800	0.700	0.911	15.177	91.365	106.542	
	(b) For Lift 1.5m to 3.0m	1			23.800	0.700	0.000	0.000	10.100	10.100	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.800	0.700	0.150	2.499	10.757	13.256	



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

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

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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	tains rrears	Page	Quan-	

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 rock etc complete.										
	(a) For Lift 0 to 1.5m	1			23.800	0.700	0.050	0.833		3.586	4.419
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			24.600	0.700	0.100	1.722		5.123	6.845
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.494		7.420	9.915
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	Item No. 30 :- Refilling the excavated trenches ...	1			25.100			25.100		74.180	99.28
	Total Excavation=							18.509			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	24.600	0.200	0.200	0.772			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.722			
								2.494			
	Net Qty = A - B							16.015		108.387	124.4



J

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrowadi (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 Nakshtrowadi (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. A/104/W.1/D.P.O.1000/2011/2012

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Sai vrundavan colony(Near best price)-CHEMBER Measurement

9th RA BILL MEASUREMENTS DWC CHEMBER SAI VRUNDAVAN COLONY (NEAR BEST PRICE)

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	DWC - 200mm Dia										
	Excavation of Chember - For 1.20 dia chamber (upto 2.0m depth)- 1.20+0.50+0.5+0.5=2.66m										
	Area for chember upto 2m=2.66*2.66=7.075m										
	Excavation of Chamber - For 0.9 mt.Dia of chamber up to Depth of 1.5mt.- 0.9+0.5+0.3+0.3=2.0m										
	Area for chember up to Depth of 2m= 2 * 2=4m										
	SAN1										
	CH56.00	546.595	545.135	544.885			1.710				
	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	7.075	1.300	7.220	0.000	7.220	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.210	1.166	0.000	1.166	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833	0.000	0.833	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.050	0.278	0.000	0.278	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.721	0.000	2.721	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						9.497				
	Deduction										
	Brick work	1.00			0.785	1.31	1.31	1.460	1.97		
	soling								0.00		
	PCC	1.00			0.785	1.96	1.96	0.25	0.75		
	Murrum bedding								0.00		
	Total (B)							2.72			
	Net Qty = A - B							6.78	0.000	6.776	
	SAN2										
	CH76.50	546.895	545.853	545.603			1.292				
	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	7.075	1.092	6.065	7.220	13.285	



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

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

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

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Sai vrundavan colony(Near best price)-CHEMBER Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		GL	No IL	EX.L	L	B		D	Page		Quantity
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833		0.833	1.666
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.050	0.278		0.278	0.555
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.158		2.721	4.878
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							7.176			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.042	1.40			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.16			
					Net Qty = A - B			5.02		6.776	11.794
	SAN3										
	CH102.50	547.405	546.425	546.175			1.230				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.030	3.234		13.285	16.5
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		1.166	11
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		1.666	2.2
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.050	0.157		0.555	
	Item No. : 11 Transportation of earth Transportation charges							1.513		4.878	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.862			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	0.980	1.04			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.51			
					Net Qty = A - B			2.35		11.794	



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

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

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

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

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Sai vrundavan colony(Near best price)-CHEMBER

9th R A BILL MEASUREMENTS CHEMBER DETAILS SAI VRUNDAVAN COLONY (NEAR BEST PRICE)

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 2.0 For per 50 cm	Total Rebate Qty for 50 cm
		No				
		GL	IL	DEPTH		
A	Item No. : 21 Providing and constructing on sewer.BBM manhole 1.2 m dia at bottom and 0.5 m dia at top and up to a depth of 2.0 M etc., complete					
1	SAN1	546.610	545.135	1.475	2	-0.525
2	SAN2	546.975	545.853	1.122	2	-0.878
	Total					-1.403
						-2.806
SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 For per 30 cm	Total Rebate Qty for 30 cm
		No				
		GL	IL	DEPTH		
B	Extra Item. No.02: Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete					
1	SAN3	547.515	546.425	1.090	1.5	-0.410
	Total					-0.410
						-1.367



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Sai vrundavan colony(Near best price)-Qty Abstract

QUANTITY ABSTRACT

SAI VRUNDAVAN COLONY(NEAR BEST PRICE)

SR NO	Discription	MB/PG	ITEM 1		ITEM 2	ITEM 4	ITEM 7	ITEM 11	ITEM 12		ITEM 13	ITEM 21	ITEM 21.1		ITEM 30	Extra Item 2		Extra Item 2.a	
			0-1.5	1.5-3.0					0-1.5	200mm			200mm	0-2 m		Rebate	0-1.5 m		Rebate
1	For Pipe		106.542	10.100	13.256	4.419	6.845	9.915	99.280	99.280	99.280				124.402				
2	For Manhole		16.519	1.166	2.137	0.712	6.391					2.000	-2.806		14.144	1.000		-1.367	
	Total		123.061	11.267	15.393	5.131	16.306	16.306	99.280	99.280	99.280	2.000	-2.806	138.546	1.000			-1.367	



PMC



CLIENT

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Ex. Engineer

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Dy. Engineer

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Jr. Engineer

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

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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Milind Nagar-1-250mm DWCMeasurement sheet

9th R A BILL MEASUREMENTS DWG PIPE MILIND NAGAR-01

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B		D	Page	
		GL	IL	EX.L						
	DWC - 250mm Dia									
	Width of Trench - For Lift 0 to 1.50m- 0.25+0.5=0.75m									
	For Lift 1.5 to 3.00m- 0.25+0.5+0.4=1.15m									
	For Lift 3.0 to 4.5m- 0.25+0.5+0.4+0.4=1.55m									
	MN0 TO MN01									
	CH0.00	567.000	566.250	566.150			0.850	0.835		
	CH18.00	567.110	566.390	566.290			0.820			
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			17.000	0.750	0.835	10.646	0.000	10.646
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			17.300	0.750	0.100	1.298	0.000	1.298
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.146	0.000	2.146
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			17.550			17.550	0.000	17.550
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation=							10.646		
	Deduction of 250mm dia pipe									
	pipe area	1.00		0.785	17.300	0.250	0.250	0.85		
	soling							0.00		
	PCC							0.00		
	Murram bedding							1.30		
								2.15		
								8.50	0.00	8.50
	Net Qty = A - B									
	MN01 TO MN02									
	CH18.00	567.110	566.390	566.290			0.820	0.870		
	CH32.50	567.290	566.470	566.370			0.920			
	Item No. 1 :- Excavation for foundation/pipe trenches in (a) For Lift 0 to 1.5m	1			12.500	0.750	0.810	7.594	10.646	18.240
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.									
	(a) For Lift 0 to 1.5m	1			12.500	0.750	0.060	0.563	0.000	0.563
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.100	0.750	0.100	0.983	1.298	2.280



J

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

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

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

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Milind Nagar-1-250mm DWCMeasurement sheet

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. : 11 Transportation of earth Transportation charges including loading & unloading						1.625		2.146	3.772	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			13.600		13.600		17.550	31.150	
	Item No. 30 :- Refilling the excavated trenches ...						8.156				
	Total Excavation=										
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	13.100	0.250	0.250	0.64			
	soling							0.00			
	PCC							0.98			
	Murum bedding							1.63			
	Net Qty = A - B						6.53		8.50	15.03	
	MN02 TO MN03										
	CH32.50	567.290	566.470	566.370			0.920	1.055			
	CH47.80	568.290	567.200	567.100			1.190				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.300	0.750	0.995	9.925	18.240	28.165	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.300	0.750	0.060	0.599	0.563	1.126	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.900	0.750	0.100	1.043	2.280	3.323	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.724	3.772	5.096	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			14.400			14.400	31.150	45.550	
	Item No. 30 :- Refilling the excavated trenches ...							10.524			
	Total Excavation=										
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	13.900	0.250	0.250	0.68			
	soling							0.00			
	PCC							1.04			
	Murum bedding							1.72			
	Net Qty = A - B						8.80		15.03		



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Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and 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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No	L	B	D	in m	in m	Page	

Page 3 of 3

Milind Nagar-1-250mm DWCMeasurement sheet

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B		D	Page	
		GL	IL	EX.L						
	MN03 TO MN04									
	CH47.80	568.290	567.200	567.100			1.190	1.190		
	CH64.40	568.740	567.650	567.550			1.190			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			14.600	0.750	1.130	12.374		28.165
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			14.600	0.750	0.060	0.657		1.161
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.200	0.750	0.100	1.140		3.323
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.886		5.496
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			15.700			15.700		45.550
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation=							13.031		
	Deduction of 250mm dia pipe									
	pipe area	1.00		0.785	15.200	0.250	0.250	0.75		
	soling							0.00		
	PCC							0.00		
	Murrum bedding							1.14		
								1.89		
								Net Qty = A - B		
								11.14		23.83
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.040					0.040
	Brick Wall Breaking Between MNO to MN01									
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			3.000	0.600	2.000	3.600		0.000



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

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Milind Nagar-1-250mm DWCCamber Measurement

9th R A BILL MEASUREMENTS OF CHEMBERS MILIND NAGAR-01

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Excavation of Chamber - For 0.9 dia chamber up to 1.5 mt depth - 0.9+0.5+0.3+0.3=2m										
	For Area of chamber up to 1.5m=2 X 2=4m										
	MN01										
	CH18.00	567.110	566.390	566.140			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.910	2.857		0.000	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.060	0.188		0.000	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.238		0.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.046			
	Deduction										
	Brick work	1.00			0.785	1.16	1.16	0.720		0.76	
	soling									0.00	
	PCC	1.00			0.785	1.56	1.56	0.25		0.48	
	Murrum bedding									0.00	
	Total (B)							1.24			
					Net Qty = A - B			1.81		0.00	
	MN02										
	CH32.50	567.290	566.470	566.220			1.070				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.010	3.171		2.857	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.060	0.188		0.188	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.344		1.238	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.360			
	Deduction										
	Brick work	1.00			0.785	1.16	1.16	0.820		0.87	
	soling									0.00	



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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 Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewerage 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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Milind Nagar-1-250mm DWCCamber Measurement

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	HL	EX.L							
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	Total (B)							1.34			
		Net Qty = A - B								1.81	3.82
	MN03										
	CH47.80	568.290	567.200	566.950			1.340				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.280	4.019		6.029	10.048
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.060	0.188		0.377	0.565
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.629		2.582	4.211
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.208			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.090	1.15			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	Total (B)							1.63			
		Net Qty = A - B								3.82	6.40
	MN04										
	CH54.40	568.740	567.650	567.400			1.340				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.280	4.019		10.048	14.067
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.060	0.188		0.565	0.754
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.629		4.211	5.840
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.208			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.090	1.15			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	Total (B)							1.63			
		Net Qty = A - B								6.40	8.98



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

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

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

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

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Milind Nagar-1-250mm DWCCHEMBER

9th R A BILL CHEMBER DETAILS MILIND NAGAR-01

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr	Total Rebate Qty for 30 cm	
		No					
		GL	IL	DEPTH	For per 30 cm		
A	Extra Item No. :2 Providing and constructing on sewer, BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete						
1	MN01	567.110	566.390	0.720	1.5	-0.780	
2	MN02	567.290	566.470	0.820	1.5	-0.680	
3	MN03	568.290	567.200	1.090	1.5	-0.410	
4	MN04	568.740	567.650	1.090	1.5	-0.410	
	Total					-2.280	-7.600



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

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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	ntaints Arrears	Page No.	Quan- tity	

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Milind Nagar-1-250mm DWCWALL Work

9th R A BILL MEASUREMENTS OF BBM TRENCH MILIND NAGAR-01

Date	Particulars of work	DETAILS				Content of arrears	Last measurement		Total Upto Date Quantity
		No	L	B	D		Page	Quantity	
A	UCR Wall of 0.6 m Thickness								
1	Extra Item No:, 5								
	Extra Item :5(c) - Construction of UCR masonry work in 1:6 CM								
	(a) Long Wall	1	3.000	0.600	2.000	3.600		0.000	3.600
						3.600		0.000	3.600



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Milind Nagar-1-250mm DWCCQuantity Abstract.

QUANTITY ABSTRACT

MILIND NAGAR-01

SR NO	Discription	MB/PG	ITEM 1		ITEM 2		ITEM 7		ITEM 11		ITEM 12		ITEM 13		ITEM 30	ITEM 35	Extra Item 2		Extra Item 2.a		Extra Item 5		
			0-1.5	0-1.5	0-1.5	0-1.5	0-1.5	0-1.5	250mm	250mm	250mm	250mm	0-1.5 m	Rebate			c	c R.R. (Labour Rate)					
1	For Pipe		40.539	5.418	4.463	7.382	61.250	61.250	61.250	34.975	0.040												
2	For Manhole		14.067	0.754		5.840				8.981							4.00	-7.60				3.60	
	Total		54.606	6.172	4.463	13.222	61.250	61.250	61.250	43.956	0.040					4.00	-7.60					3.60	



Authorized Signatory



Project Engineer

PMC



Project Manager

[Signature]

Jr. Engineer

CLIENT

[Signature]

Ex. Engineer

Last

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

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

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

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

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

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Pipe lying MB Osmanpura

9th R A BILL MEASUREMENTS DWC PIPE OSMANPURA

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 315mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
	OP 01 to OP 02										
	CH0.00	565.570	564.030	563.930			1.640	1.670			
	CH19.30	565.840	564.240	564.140			1.700				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.300	1.215	1.050	22.070	0.000	22.070	
	(b) For Lift 1.5m to 3.0m	1			17.300	0.815	0.170	2.397	0.000	2.397	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.300	1.215	0.300	6.306	0.000	6.306	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			17.300	1.215	0.150	3.153	0.000	3.153	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			18.300	0.815	0.100	1.491	0.000	1.491	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.917	0.000	2.917	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										
	Item No. 30 :- Refilling the excavated trenches ...	1			18.800			18.800	0.000	18.800	
	Total Excavation=							33.926			
	Deduction of 315mm dia pipe pipe area	1.000		0.785	18.300	0.315	0.315	1.425			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							1.491			
								2.917			
	Net Qty = A - B							31.009	0.000	31.009	
	OP 02 to OP 03										
	CH19.30	565.840	564.240	564.140			1.700	1.780			
	CH35.60	566.190	564.430	564.330			1.860				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										



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

DATE OF ESTIMATE: 01/07/2014

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Pipe lying MB Osmanpura

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			14.300	1.215	1.050	18.243		22.070	40.314
	(b) For Lift 1.5m to 3.0m	1			14.300	0.815	0.280	3.263		2.397	5.660
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			14.300	1.215	0.300	5.212		6.306	11.518
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			14.300	1.215	0.150	2.606		3.153	5.759
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			15.300	0.815	0.100	1.247		1.491	2.738
	Item No. : 11 Transportation of earth Transportation charges							2.439		2.917	5.356
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										
	Item No. 30 :- Refilling the excavated trenches ...	1			15.800			15.800		18.800	34.600
	Total Excavation=							29.325			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	15.300	0.315	0.315	1.192			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.247			
								2.439			
								Net Qty = A - B		26.886	57.896
	OP 03 to OP 04										
	CH35.60	566.190	564.430	564.330			1.860				
	CH70.80	566.990	564.810	564.710			2.280	2.070			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			33.200	1.215	1.050	42.355		40.314	82.669
	(b) For Lift 1.5m to 3.0m	1			33.200	0.815	0.570	15.423		5.660	21.083
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			33.200	1.215	0.300	12.101		11.518	23.620
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			33.200	1.215	0.150	6.051		5.759	11.810
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			34.200	0.815	0.100	2.787		2.738	5.526
	Item No. : 11 Transportation of earth Transportation charges							5.451		5.356	10.807
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										
		1			34.700			34.700		34.600	69.300



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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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Pipe lying MB Osmanpura

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						75.930				
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	34.200	0.315	0.315	2.664			
	soling							0.000			
	PCC							0.000			
	Murum bedding							2.787			
								5.451			
								Net Qty = A - B	70.479	57.896	128.374
	OP 04 to OP 05										
	CH70.80	566.990	564.810	564.710			2.280	2.155			
	CH91.70	567.525	565.595	565.495			2.030				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.900	1.215	1.050	24.112	82.669	106.780	
	(b) For Lift 1.5m to 3.0m	1			18.900	0.815	0.655	10.089	21.083	31.173	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.900	1.215	0.300	6.889	23.620	30.509	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.900	1.215	0.150	3.445	11.810	15.254	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			19.900	0.815	0.100	1.622	5.526	7.148	
	Item No. : 11 Transportation of earth Transportation charges							3.172	10.807	13.979	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			20.400			20.400	69.300	89.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							44.535			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	19.900	0.315	0.315	1.550			
	soling							0.000			
	PCC							0.000			
	Murum bedding							1.622			
								3.172			
								Net Qty = A - B	41.363	128.374	169.737
	OP 05 to OP 06										
	CH91.70	567.525	565.595	565.495			2.030	2.030			
	CH107.70	568.050	566.120	566.020			2.030				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			14.000	1.215	1.050	17.861	106.780	124.641	
	(b) For Lift 1.5m to 3.0m	1			14.000	0.815	0.530	6.047	31.173	37.220	



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

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

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Pipe lying MB Osmanpura

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			14.000	1.215	0.300	5.103		30.509	35.612
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			14.000	1.215	0.150	2.552		15.254	17.806
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.000	0.815	0.100	1.223		7.148	8.370
	Item No. : 11 Transportation of earth Transportation charges							2.391		13.979	16.370
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			15.500			15.500		89.700	105.200
	Item No. 30 :- Refilling the excavated trenches ...							31.562			
	Total Excavation=										
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	15.000	0.315	0.315	1.168			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.223			
								2.391			
								29.171		169.737	198.909
	OP 06 to OP 07										
	CH107.70	568.050	566.120	566.020				2.030	1.965		
	CH118.55	568.270	566.470	566.370				1.900			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. (a) For Lift 0 to 1.5m	1			8.850	1.215	1.050	11.290		124.641	135.411
	(b) For Lift 1.5m to 3.0m	1			8.850	0.815	0.465	3.354		37.220	40.579
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			8.850	1.215	0.300	3.226		35.612	38.838
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			8.850	1.215	0.150	1.613		17.806	19.421
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.850	0.815	0.100	0.803		8.370	9.173
	Item No. : 11 Transportation of earth Transportation charges							1.570		16.370	17.943
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.350			10.350		105.200	115.550
	Item No. 30 :- Refilling the excavated trenches ...							19.483			
	Total Excavation=										



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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)

Page 4

Pipe lying MB Osmanpura

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			14.000	1.215	0.300	5.103		30.509	35.612
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			14.000	1.215	0.150	2.552		15.254	17.806
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.000	0.815	0.100	1.223		7.148	8.370
	Item No. : 11 Transportation of earth Transportation charges							2.391		13.979	16.370
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			15.500			15.500		89.700	105.200
	Item No. 30 :- Refilling the excavated trenches ...							31.562			
	Total Excavation=										
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	15.000	0.315	0.315	1.168			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.223			
								2.391			
								29.171		169.737	198.909
	OP 06 to OP 07										
	CH107.70	568.050	566.120	566.020				2.030	1.965		
	CH118.55	568.270	566.470	566.370				1.900			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete. (a) For Lift 0 to 1.5m	1			8.850	1.215	1.050	11.290		124.641	135.931
	(b) For Lift 1.5m to 3.0m	1			8.850	0.815	0.465	3.354		37.220	40.574
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			8.850	1.215	0.300	3.226		35.612	38.837
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete. (a) For Lift 0 to 1.5m	1			8.850	1.215	0.150	1.613		17.806	19.419
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.850	0.815	0.100	0.803		8.370	9.173
	Item No. : 11 Transportation of earth Transportation charges							1.570		16.370	17.940
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.350			10.350		105.200	115.550
	Item No. 30 :- Refilling the excavated trenches ...							19.483			
	Total Excavation=										



2

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

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

Page 1

Manhole MB Osmanpura

9th R A BILL MEASURMENTS OF CHEMBERS OSMANPURA

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Excavation of Chamber - For 0.9 dia chamber up to 1.5 mt depth -0.9+0.5+0.3+0.3=2m Area for chamber up to 1.5m=2 X 2=4m										
	OP 01										
	CH0.00	565.570	564.030	563.780			1.790				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	0.000	3.297	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.290	0.911	0.000	0.911	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.300	0.942	0.000	0.942	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.000	0.471	
	Item No. : 11 Transportation of earth Transportation charges							2.104	0.000	2.104	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.621			
	Deduction										
	Brick work	1			0.785	1.160	1.160	1.540	1.627		
	soling								0.000		
	PCC	1			0.785	1.560	1.560	0.250	0.478		
	Murrum bedding								0.000		
	Total (B)							2.104			
					Net Qty = A - B			3.516	0.000	3.516	
	OP 02										
	CH19.30	565.840	564.240	563.990			1.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	3.297	6.594	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.350	1.099	0.911	2.111	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.300	0.942	0.942	1.854	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.471	0.471	
	Item No. : 11 Transportation of earth Transportation charges							2.168	2.104	4.272	



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

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

Page 2

Manhole MB Osmanpura

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						5.809				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.600	1.690			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)						2.168				
		Net Qty = A - B									
	OP 03						3.641		3.516	7.158	
	CH35.60	566.190	564.430	564.180			2.010				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	6.594	9.891	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.510	1.601	2.010	3.611	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.300	0.942	1.884	2.826	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	0.942	1.413	
	Item No. : 11 Transportation of earth Transportation charges							2.337	4.272	6.609	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=						6.311				
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.760	1.859			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)						2.337				
		Net Qty = A - B									
	OP 04						3.975		7.158	11.132	
	CH70.80	566.990	564.810	564.560			2.430				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	9.891	13.188	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.930	2.920	3.611	6.531	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.300	0.942	2.826	3.768	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	1.413	1.884	
	Item No. : 11 Transportation of earth Transportation charges							2.780	6.609	9.389	



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

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

Manhole MB Osmanpura

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upt Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=										
	Deduction						7.630				
	Brick work	1		0.785	1.160	1.160	2.180	2.303			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.780			
		Net Qty = A - B									
	OP 05						4.850		11.132	15.982	
	CH91.70	567.525	565.595	565.345			2.180				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	13.188	16.485	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.680	2.135	6.531	8.666	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.300	0.942	3.768	4.710	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	1.884	2.355	
	Item No. : 11 Transportation of earth Transportation charges							2.516	9.389	11.905	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=										
	Deduction						6.845				
	Brick work	1		0.785	1.160	1.160	1.930	2.039			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.516			
		Net Qty = A - B									
	OP 06						4.329		15.982	20.311	
	CH107.70	568.050	566.120	565.870			2.180				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	16.485	19.782	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.680	2.135	8.666	10.800	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0, to 1.5m	1			0.785	4.000	0.300	0.942	4.710	5.652	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	2.355	2.826	
	Item No. : 11 Transportation of earth Transportation charges							2.516	11.905	14.421	



J

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

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

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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	Contents of Arrears	Page No.	Quantity	
1	2	3	4	5	6	7	8	9	10

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Manhole MB Osmanpura

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B		D	Page	
		GL	IL	EX.L						
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=						6.845			
	Deduction									
	Brick work	1		0.785	1.160	1.160	1.930	2.039		
	soiling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murram bedding							0.000		
	Total (B)						2.516			
		Net Qty = A - B						4.329	20.311	24.640
	OP 07									
	CH118.55	568.270	566.470	566.220			2.050			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297	19.782	23.079
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.550	1.727	10.802	12.529
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.300	0.942	5.652	6.594
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471	2.826	3.297
	Item No. - 11 Transportation of earth Transportation charges							2.379	14.421	16.800
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation(A)=						6.437			
	Deduction									
	Brick work	1		0.785	1.160	1.160	1.800	1.901		
	soiling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murram bedding							0.000		
	Total (B)						2.379			
		Net Qty = A - B						4.058	24.640	28.698



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

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

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

Date of Measurement	Particulars of Work	Details					Last Measurement		Total up to Date
		No.	L	B	D	Contents of Arrears	Page No.	Quantity	
1	2	3	4	5	6	7	8	9	10

Page 1

Manhole Details Osmanpura

9th R A BILL MEASUREMENTS CHEMBER DETAILS

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30 cm
		No				
		GL	IL	DEPTH		
A	Extra Item No. 02 : Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete					
1	OSMANPURA					
1	OP 01	565.570	564.030	1.540	1.500	0.040
2	OP 02	565.840	564.240	1.600	1.500	0.100
3	OP 03	566.190	564.430	1.760	1.500	0.260
4	OP 04	566.990	564.810	2.180	1.500	0.680
5	OP 05	567.525	565.595	1.930	1.500	0.430
6	OP 06	568.050	566.120	1.930	1.500	0.430
7	OP 07	568.270	566.470	1.800	1.500	0.300
	TOTAL				2.240	7.467



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QUANTITY ABSTRACT														
OSMANPURA														
Sr. No.	Description	MB/PO	ITEM 1		ITEM 2	ITEM 4	ITEM 7	ITEM 11	ITEM 12		ITEM 30	ITEM 35	Extra Item 2 0-1.5 m	Extra Item 2.a Rebate
			0-1.5	1.5-3.0					315mm	315mm				
1	For Pipe		135.931	40.574	38.837	19.419	9.173	17.940	115.550	115.550	216.822	0.110		
2	For Manhole		23.079	12.529	6.594	3.297		16.800			28.698		7.000	7.467
	Total		159.010	53.102	45.431	22.716	9.173	34.740	115.550	115.550	245.520	0.110	7.000	7.467

CONTRACTOR

 Authorized Signatory

PMC

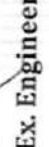
 Project Engineer

CLIENT

 Project Manager


 Jr. Engineer


 Dy. Engineer


 Ex. Engineer

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

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Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)
Authority No. AMC/Ward B&C/UIDSSM/I/2014/184 Date 01.07.2014

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

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Balaji Nagar Nathnagar Meas. DWC

9th R A BILL MEASUREMENTS DWC PIPE BALAJI NAGAR NATHNAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 200mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.200+0.5=0.700m										
	For Lift 1.5 to 3.00m- 0.200+0.5+0.4=1.100m										
	For Lift 3.0 to 4.5m- 0.200+0.5+0.4+0.4=1.500m										
	B1 to B2										
	CH0.00	581.367	579.867	579.767			1.600	1.710			
	CH11.60	581.607	579.887	579.787			1.820				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.600	1.100	1.350	14.256	0.000	14.256	
	(b) For Lift 1.5m to 3.0m	1			9.600	0.700	0.210	1.411	0.000	1.411	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.600	1.100	0.150	1.584	0.000	1.584	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.200	0.700	0.100	0.714	0.000	0.714	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.034	0.000	1.034	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.700			10.700	0.000	10.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							17.251			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	10.200	0.200	0.200	0.320			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.714			
								1.034			
	Net Qty = A - B							16.217	0.000	16.217	
	B2 to B3										
	CH11.60	581.607	579.887	579.787			1.820	1.675			
	CH21.70	581.717	580.287	580.187			1.530				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.100	1.100	1.350	12.029	14.256	26.285	
	(b) For Lift 1.5m to 3.0m	1			8.100	0.700	0.175	0.992	1.411	27.777	



2

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

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M. Khilari Infrastructure Pvt Ltd & GECPI (Joint Venture)

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Balaji Nagar NathnagarMeas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.100	1.100	0.150	1.337		1.584	2.921
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.700	0.700	0.100	0.609		0.714	1.323
	Item No. : 11 Transportation of earth Transportation charges							0.882		1.034	1.916
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.200			9.200		10.700	19.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							14.357			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	8.700	0.200	0.200	0.273			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.609			
								0.882			
								Net Qty = A - B		13.475	16.217
	B3 to B4										
	CH21.70	581.717	580.287	580.187			1.530				
	CH44.90	581.817	580.637	580.537			1.280	1.405			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			21.200	0.700	1.255	18.624		26.285	44.909
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			21.200	0.700	0.150	2.226		2.921	5.147
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			21.800	0.700	0.100	1.526		1.323	2.849
	Item No. : 11 Transportation of earth Transportation charges							2.211		1.916	4.127
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			22.300			22.300		19.900	42.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							20.850			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	21.800	0.200	0.200	0.685			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							1.526			
								2.211			
								Net Qty = A - B		18.640	29.692
										48.332	



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

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

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Balaji Nagar Nathnagar Meas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	B4 to B5										
	CH44.90	581.817	580.637	580.537			1.280	1.240			
	CH60.10	581.827	580.727	580.627			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.200	0.700	1.090	10.072		44.909	54.980
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.200	0.700	0.150	1.386		5.147	6.533
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			13.800	0.700	0.100	0.966		2.849	3.815
	Item No. : 11 Transportation of earth Transportation charges							1.399		4.127	5.526
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			14.300			14.300		42.200	56.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.458			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	13.800	0.200	0.200	0.433			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.966			
								1.399			
	Net Qty = A - B							10.058		48.332	58.390
	B5 to B6										
	CH60.10	581.827	580.727	580.627			1.200	1.155			
	CH67.40	581.857	580.847	580.747			1.110				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.300	0.700	1.005	3.729		54.980	58.709
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.300	0.700	0.150	0.557		6.533	7.090
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			5.900	0.700	0.100	0.413		3.815	4.228
	Item No. : 11 Transportation of earth Transportation charges							0.598		5.526	6.124
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.400			6.400		56.500	62.900



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

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

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Balaji Nagar NathnagarMeas. DWC

Date of Measurment

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						4.285				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.900	0.200	0.200	0.185			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.413			
							0.598				
							Net Qty = A - B	3.687	58.390	62.077	
	N1 to N2										
	CH0.00	581.827	580.027	579.927			1.900	1.885			
	CH13.00	581.907	580.137	580.037			1.870				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	1.150	1.585	20.050	58.709	78.759	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	1.150	0.150	1.898	7.089	8.987	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	1.150	0.150	1.898	0.000	1.898	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			11.600	0.750	0.100	0.870	4.228	5.098	
	Item No. : 11 Transportation of earth Transportation charges							1.439	6.125	7.564	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
	(a) For Lift 0 to 1.5m	1			12.100			12.100	0.000	12.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							23.845			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	11.600	0.250	0.250	0.569			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.870			
								1.439			
							Net Qty = A - B	22.406	62.077	84.483	
	N2 to N3										
	CR13.00	581.907	580.137	580.037			1.870	1.793			
	CR24.00	581.977	580.362	580.262			1.715				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			11.000	1.150	1.493	18.880	78.759	97.639	



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

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

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

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Balaji Nagar Nathnagar Meas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	1.150	0.150	1.898		8.987	10.884
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.000	1.150	0.150	1.898		1.898	3.795
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			11.600	0.750	0.100	0.870		5.098	5.968
	Item No. : 11 Transportation of earth Transportation charges							1.439		7.564	9.003
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
		1			12.100			12.100		12.100	24.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							22.675			
	Deduction of 250mm dia pipe										
	pipe area	1.000			0.785	11.600	0.250	0.250	0.569		
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.870			
								1.439			
								Net Qty = A - B		84.483	105.715
	N3 to N4										
	CH26.00	581.977	580.362	580.262				1.715			
	CH47.00	582.097	580.617	580.517				1.580	1.648		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.000	1.150	1.348	29.443		97.639	127.081
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.000	1.150	0.150	3.278		10.884	14.162
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			19.000	1.150	0.150	3.278		3.795	7.077
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			19.600	0.750	0.100	1.470		5.968	7.438
	Item No. : 11 Transportation of earth Transportation charges							2.432		9.003	11.431
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
		1			20.100			20.100		24.200	44.331



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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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Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						35.998				
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	19.600	0.250	0.250	0.962			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.470			
								2.432			
	Net Qty = A - B						33.566		105.719	139.285	
	N4 to N5										
	CH47.00	582.097	580.617	580.517			1.580				
	CH58.85	582.247	580.787	580.687			1.560	1.570			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.850	1.150	1.270	14.386	127.082	141.468	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.850	1.150	0.150	1.699	14.162	15.861	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.850	1.150	0.150	1.699	7.073	8.772	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			10.450	0.750	0.100	0.784	7.438	8.222	
	Item No. : 11 Transportation of earth Transportation charges							1.296	11.434	12.731	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										
	(a) For Lift 0 to 1.5m	1			10.950			10.950	44.300	55.250	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							17.784			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	10.450	0.250	0.250	0.513			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.784			
								1.296			
	Net Qty = A - B						16.488		139.285	155.773	
	N5 to N6										
	CH58.85	582.247	580.787	580.687			1.560	1.525			
	CH72.05	582.397	581.007	580.907			1.490				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			11.200	1.150	1.225	15.778	141.468	157.246	



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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 Nakshirawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshirawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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

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

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Balaji Nagar NathnagarMeas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	1.150	0.150	1.932		15.861	17.793
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	1.150	0.150	1.932		8.772	10.704
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.800	0.750	0.100	0.885		8.222	9.107
	Item No. : 11 Transportation of earth Transportation charges							1.464		12.731	14.195
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			12.300			12.300		55.250	67.550
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							19.642			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	11.800	0.250	0.250	0.579			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.885			
								1.464			
								Net Qty = A - B		155.773	173.951
	N4 to N4.1										
	CH0.00	582.097	580.617	580.517			1.580				
	CH14.40	582.397	580.947	580.847			1.550	1.565			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.700	1.100	1.350	18.860		157.246	176.106
	(b) For Lift 1.5m to 3.0m	1			12.700	0.700	0.065	0.578		2.403	2.981
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.700	1.100	0.150	2.096		17.793	19.889
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.000	0.700	0.100	0.910		9.107	10.017
	Item No. : 11 Transportation of earth Transportation charges							1.318		14.195	15.513
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.500			13.500		0.000	13.500



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

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Balaji Nagar NathnagarMeas. DWC

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=-						21.533				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	13.000	0.200	0.200	0.408			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.910			
								1.318			
								20.215	173.951	194.166	
	Net Qty = A - B										
	N4.1 to N4.2										
	CH14.40	582.397	580.947	580.847			1.550	1.455			
	CH27.60	582.447	581.187	581.087			1.360				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	0.700	1.305	10.231	176.106	186.337	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.200	0.700	0.150	1.176	19.888	21.064	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			11.800	0.700	0.100	0.826	10.017	10.843	
	Item No. : 11 Transportation of earth Transportation charges							1.197	15.513	16.710	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			12.300			12.300	13.500	25.800	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=-							11.407			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	11.800	0.200	0.200	0.371			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.826			
								1.197			
								10.211	194.166	204.376	
	Net Qty = A - B										
	N4.2 to N4.3										
	CH27.60	582.447	581.187	581.087			1.360	1.330			
	CH38.50	582.437	581.237	581.137			1.300				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc										
	(a) For Lift 0 to 1.5m	1			8.900	0.700	1.180	7.351	186.337	193.688	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.900	0.700	0.150	0.935	21.064	21.999	



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

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

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

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Balaji Nagar NathnagarMeas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.500	0.700	0.100	0.665		10.843	11.508
	Item No. : 11 Transportation of earth Transportation charges							0.963		16.710	17.673
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.000			10.000		25.800	35.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.286			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	9.500	0.200	0.200	0.298			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.665			
								0.963			
	Net Qty = A - B							7.323		204.376	211.699
	N4.3 to N4.4										
	CH38.50	582.437	581.237	581.137			1.300	1.315			
	CH51.10	582.467	581.237	581.137			1.330				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.700	1.165	8.644		193.688	202.332
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.600	0.700	0.150	1.113		21.999	23.112
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.200	0.700	0.100	0.784		11.508	12.292
	Item No. : 11 Transportation of earth Transportation charges							1.136		17.673	18.809
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			11.700			11.700		35.800	47.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							9.757			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	11.200	0.200	0.200	0.352			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.784			
								1.136			
	Net Qty = A - B							8.622		211.699	220.320



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

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

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	N4.4 to N4.5										
	CH51.10	582.467	581.237	581.137			1.330				
	CH63.80	582.567	581.417	581.317			1.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.700	0.700	1.140	8.539	202.332	210.871	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.700	0.700	0.150	1.124	23.112	24.235	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.300	0.700	0.100	0.791	12.292	13.083	
	Item No. : 11 Transportation of earth Transportation charges							1.146	18.809	19.954	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			11.800			11.800	47.500	59.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							9.662			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	11.300	0.200	0.200	0.355			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.791			
								1.146			
								Net Qty = A - B	8.516	220.320	228.837
	N4.5 to N4.6										
	CH63.80	582.567	581.417	581.317			1.250				
	CH76.60	582.537	581.527	581.427			1.110	1.180			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.800	0.700	1.030	7.787	210.871	218.658	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.800	0.700	0.150	1.134	24.235	25.369	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.400	0.700	0.100	0.798	13.083	13.881	
	Item No. : 11 Transportation of earth Transportation charges							1.156	19.954	21.110	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			11.900			11.900	59.300	71.200	



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

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

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

Balaji Nagar Nathnagar Meas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...							8.921			
	Total Excavation=										
	Deduction of 200mm dia pipe			0.785	11.400	0.200	0.200	0.358			
	pipe area	1.000						0.000			
	soling							0.000			
	PCC							0.798			
	Murram bedding							1.156			
	Net Qty = A - B							7.765	228.837	236.602	
	N4.6 to N4.7						1.110	1.105			
	CH76.60	582.537	581.527	581.427			1.100				
	CH93.60	582.637	581.637	581.537							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.955	10.028	218.658	228.685	
	(b) For Lift 1.5m to 3.0m	1			15.000	0.700	0.000	0.000	2.981	2.981	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.150	1.575	25.369	26.944	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.000	0.000	10.704	10.704	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			15.600	0.700	0.100	1.092	13.881	14.973	
	Item No. : 11 Transportation of earth Transportation charges							1.582	21.110	22.692	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			16.100			16.100	71.200	150.200	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia									67.558	
	Item No. 30 :- Refilling the excavated trenches ...							11.603			
	Total Excavation=										
	Deduction of 200mm dia pipe			0.785	15.600	0.200	0.200	0.490			
	pipe area	1.000						0.000			
	soling							0.000			
	PCC							1.092			
	Murram bedding							1.582			
	Net Qty = A - B							10.021	236.602	246.623	

