

**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.

Serial No. 2023

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EXL							
	Murum bedding						0.00				
	<b>Total (B)</b>						1.50				
		<b>Net Qty = A - B</b>							12.49	14.82	
	<b>MSB2</b>										
	<b>CH17.25</b>	577.625	576.685	576.435			1.190				
	Item No. 1 :- Excavation for										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.190	3.737	22.231	25.968	
	Item No. : 11 Transportation of							1.471	9.122	10.592	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.737			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.940	0.99			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							1.47			
		<b>Net Qty = A - B</b>							14.82	17.09	
	<b>MSB3</b>										
	<b>CH30.95</b>	577.815	576.825	576.575			1.240				
	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	1.240	3.894	25.968	29.861	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.523	10.592	12.116	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.894			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.990	1.05			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							1.52			
		<b>Net Qty = A - B</b>							17.09	19.45	
	<b>MSB4</b>										
	<b>CH42.05</b>	577.755	576.935	576.685			1.070				
	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	1.070	3.360	29.861	33.221	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.344	12.116	13.459	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.360			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.920	0.37			
	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 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							
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.34</b>			
<b>Net Qty = A - B</b>								<b>2.02</b>	<b>19.46</b>	<b>21.47</b>	
	MSB5										
	CH52.85	577.745	576.985	576.735			1.010				
	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	1.010	3.171	33.221	36.393	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.00	0.000	1.711	1.711	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.280	13.459	14.740	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.171</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.760	0.80			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.28</b>			
<b>Net Qty = A - B</b>								<b>1.89</b>	<b>21.47</b>	<b>23.36</b>	
	MH8.1										
	CH8.00	576.710	575.540	575.290			1.420				
	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	1.420	4.459	36.393	40.851	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.713	14.740	16.453	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.459</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.170	1.24			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.71</b>			
<b>Net Qty = A - B</b>								<b>2.75</b>	<b>23.36</b>	<b>26.11</b>	
	MH8.2										
	CH16.90	576.560	575.570	575.300			1.240				
	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	1.240	3.894	40.851	44.745	



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**Name of work:-** Development of Underground Sewerage Collection system for Zone I to V3 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/c Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

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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. : 11 Transportation of earth Transportation charges including loading & unloading							1.523		16.453	17.977
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.894			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.990	1.05			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							1.52			
		<b>Net Qty = A - B</b>							2.37	26.11	28.48
	MH8.3										
	CH30.95	576.510	575.580	575.330			1.180				
	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	1.180	3.705		44.745	48.450
	Item No. : 11 Transportation of earth Transportation charges							1.460		17.977	19.437
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.705			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.930	0.98			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							1.46			
		<b>Net Qty = A - B</b>							2.25	28.48	30.72
	MH8.4										
	CH44.15	576.790	575.710	575.460			1.330				
	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	1.330	4.176		48.450	52.626
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.618		19.437	21.055
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							4.176			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.080	1.14			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							1.62			
		<b>Net Qty = A - B</b>							2.56	30.72	33.28



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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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Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	MH8.5										
	CH52.60	576.990	575.720	575.470			1.520				
	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	1.500	4.710	52.626	57.336	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.02	0.063	1.711	1.774	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.819	21.055	22.874	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.773			
	Deduction										
	Brick work	1.00			0.785	1.16	1.16	1.270	1.34		
	soling							0.00			
	PCC	1.00			0.785	1.56	1.56	0.25	0.48		
	Murrum bedding							0.00			
	Total (B)							1.82			
					Net Qty = A - B			2.95	33.28	36.24	
	MH8.6										
	CH62.75	576.960	575.740	575.490			1.470				
	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	1.470	4.616	57.336	61.952	
	Item No. : 11 Transportation of earth Transportation charges							1.766	22.874	24.640	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.616			
	Deduction										
	Brick work	1.00			0.785	1.16	1.16	1.220	1.29		
	soling							0.00			
	PCC	1.00			0.785	1.56	1.56	0.25	0.48		
	Murrum bedding							0.00			
	Total (B)							1.77			
					Net Qty = A - B			2.85	36.24	39.09	
	MH8.7										
	CH74.95	577.000	575.770	575.520			1.480				
	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	1.480	4.647	61.952	66.599	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.777	24.640	26.417	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.647			
	Deduction										



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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							
	Brick work	1.00		0.785	1.16	1.16	1.230	1.30			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							1.78			
	<b>Net Qty = A - B</b>							2.87	39.09	41.96	
	MH8.8										
	CH15.35	577.195	575.880	575.630			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			0.785	4.000	1.500	4.710	66.599	71.309	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.07	0.204	1.774	1.978	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.867	26.417	28.284	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							4.914			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.315	1.39			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							1.87			
	<b>Net Qty = A - B</b>							3.05	41.96	45.00	
	MH8.9										
	CH24.20	577.275	575.955	575.705			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			0.785	4.000	1.500	4.710	71.309	76.019	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.07	0.220	1.978	2.198	
	Item No. : 11 Transportation of earth Transportation charges							1.872	28.284	30.156	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							4.930			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.320	1.39			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							1.87			
	<b>Net Qty = A - B</b>							3.06	45.00	48.06	
	MH8.10										
	CH37.00	577.405	576.145	575.895			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.500	4.710	76.019	80.729	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.07	0.231	2.198	2.429	



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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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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						1.809		30.156	31.964	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>4.741</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.260	1.33			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.81</b>			
		<b>Net Qty = A - B</b>						<b>2.93</b>	<b>48.06</b>	<b>50.99</b>	
	MH8.11										
	CH44.60	577.485	576.175	575.925			1.560				
	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	1.500	4.710	80.729	85.439	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.06	0.188	2.229	2.418	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.861	31.964	33.826	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.898</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.310	1.38			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.86</b>			
		<b>Net Qty = A - B</b>						<b>3.04</b>	<b>50.99</b>	<b>54.03</b>	
	MH8.12										
	CH51.85	577.645	576.225	575.975			1.670				
	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	1.500	4.710	85.439	90.149	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.17	0.534	2.418	2.952	
	Item No. : 11 Transportation of earth Transportation charges							1.978	33.826	35.803	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>5.244</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.420	1.50			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.98</b>			
		<b>Net Qty = A - B</b>						<b>3.27</b>	<b>54.03</b>	<b>57.30</b>	



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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 Nakshrawadi (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 Nakshrawadi (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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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. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						4.223				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.095	1.16			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>						1.63				
		<b>Net Qty = A - B</b>						2.59	63.27	65.86	
	MH8.16										
	CH94.55	578.335	577.295	577.045			1.290				
	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	1.290	4.051	103.573	107.624	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.576	41.107	42.683	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						4.051				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.040	1.10			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>						1.58				
		<b>Net Qty = A - B</b>						2.47	65.86	68.33	
	MH8.17										
	CH102.30	577.875	577.340	577.090			0.785				
	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	0.785	2.465	107.624	110.088	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.043	42.683	43.726	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						2.465				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.535	0.57			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>						1.04				
		<b>Net Qty = A - B</b>						1.42	68.33	69.75	



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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.

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	MH8.18										
	CH109.80	578.125	577.385	577.135			0.990				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.990	3.109	110.088	113.197	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial							1.259	43.726	44.985	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.109			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.740	0.78			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.26			
								Net Qty = A - B	1.85	69.75	71.60
	MH8.19										
	CH117.50	578.145	577.385	577.135			1.010				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.010	3.171	113.197	116.368	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.280	44.985	46.266	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.171			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.760	0.80			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.28			
								Net Qty = A - B	1.89	71.60	73.49
	MH8.20										
	CH126.50	578.245	577.485	577.235			1.010				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.010	3.171	116.368	119.540	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.280	46.266	47.546	



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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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Masnatpur-02- dwcChamber Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
MH8.12/1											
CH10.60		577.425	576.385	576.135			1.290				
	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	1.290	4.051	126.605	130.655	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.576	50.350	51.926	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.051</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.040	1.10			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.58</b>			
		<b>Net Qty = A - B</b>								79.65	82.12
MHB.12/2											
CH17.70		577.575	576.665	576.415			1.160				
	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	1.160	3.642	130.655	134.298	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated material for a lead beyond initial							1.439	51.926	53.365	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.642</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.910	0.96			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.44</b>			
		<b>Net Qty = A - B</b>								82.12	84.32
MH8.12/3											
CH25.60		577.805	576.835	576.585			1.220				
	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	1.220	3.831	134.298	138.129	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.502	53.365	54.867	



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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 Nakshrawadi (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 Nakshrawadi (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	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 ...										
	<b>Total Excavation(A)=</b>						<b>3.831</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.970	1.02			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>						<b>1.50</b>				
		<b>Net Qty = A - B</b>						<b>2.33</b>		84.32	86.65
	MH8.12/4										
	CH35.85	578.025	577.175	576.925			1.100				
	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	1.100	3.454	138.129	141.583	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.375	54.867	56.242	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>3.454</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.850	0.90			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>						<b>1.38</b>				
		<b>Net Qty = A - B</b>						<b>2.08</b>		86.65	88.73
	MH8.12/5										
	CH48.40	577.965	577.435	577.185			0.780				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.780	2.449	141.583	144.032	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.037	56.242	57.280	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>2.449</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.530	0.56			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>						<b>1.04</b>				
		<b>Net Qty = A - B</b>						<b>1.41</b>		88.73	90.14



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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							
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							<b>1.49</b>			
		Net Qty = A - B								94.78	97.09
	MH8.14/4										
	CH40.40	578.515	577.585	577.335				1.180			
	Item No. 1 :- Excavation for										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.180	3.705	155.461	159.167	
	Item No. : 11 Transportation of							1.460	61.765	63.225	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.705</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.930	0.98			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							<b>1.46</b>			
		Net Qty = A - B								97.09	99.33
	MH8.14/5										
	CH47.40	578.425	577.815	577.565				0.860			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.860	2.700	159.167	161.867	
	Item No. : 11 Transportation of							1.122	63.225	64.347	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.700</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.610	0.64			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							<b>1.12</b>			
		Net Qty = A - B								99.33	100.91
	MH9.1										
	CH5.80	577.425	575.885	575.635				1.790			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.500	4.710	161.867	166.577	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.29	0.911	3.391	4.302	
	Item No. : 11 Transportation of earth Transportation charges							2.104	64.347	66.451	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>5.621</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.540	1.63			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murram bedding							0.00			
	<b>Total (B)</b>							<b>2.10</b>			
		Net Qty = A - B								100.91	104.43



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

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

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

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Masnatpur-02- dwcChember Measurement

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	<b>MH9.5</b>										
	<b>CH44.30</b>	577.325	576.405	576.155			1.170				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.170	3.674	179.200	182.874	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.449	71.349	72.798	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.674</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.920	0.97			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.45</b>			
								<b>Net Qty = A - B</b>	<b>2.22</b>	<b>112.18</b>	<b>114.41</b>
	<b>MH9.6</b>										
	<b>CH54.60</b>	577.295	576.435	576.185			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			0.785	4.000	1.110	3.485	182.874	186.359	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.386	72.798	74.184	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.485</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.860	0.91			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.39</b>			
								<b>Net Qty = A - B</b>	<b>2.10</b>	<b>114.41</b>	<b>116.51</b>
	<b>MH9.7</b>										
	<b>CH63.85</b>	577.245	576.465	576.215			1.030				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.030	3.234	186.359	189.593	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.00	0.000	4.333	4.333	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.302	74.184	75.486	



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Name of work:- development of Underground Sewage 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, Zalata, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalata, 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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Masnatpur-02- dwcCHEMBER

**9th R A BILL MEASURMENTS CHEMBER DETAILS MASNATPUR-02**

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 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					
	<b>PART-I</b>					
1	MSP1	577.455	575.805	1.650	1.500	0.15
2	MSP2	577.435	575.930	1.505	1.500	0.00
3	MSP3	577.715	576.245	1.470	1.500	-0.03
4	MSP4	577.990	576.605	1.385	1.500	-0.12
5	MSB1	577.655	576.505	1.150	1.500	-0.35
6	MSB2	577.745	576.685	1.060	1.500	-0.44
7	MSB3	577.815	576.825	0.990	1.500	-0.51
8	MSB4	577.995	576.935	1.060	1.500	-0.44
9	MSB5	577.745	576.985	0.760	1.500	-0.74
						<b>-2.47</b>
						<b>-8.23</b>

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 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					
	<b>PART-II</b>					
1	MH8.1	576.710	575.540	1.170	1.500	-0.33
2	MH8.2	576.560	575.570	0.990	1.500	-0.51
3	MH8.3	576.510	575.580	0.930	1.500	-0.57
4	MH8.4	576.790	575.710	1.080	1.500	-0.42
5	MH8.5	576.990	575.720	1.270	1.500	-0.23
6	MH8.6	576.960	575.740	1.220	1.500	-0.28
7	MH8.7	577.000	575.770	1.230	1.500	-0.27
8	MH8.8	577.195	575.880	1.315	1.500	-0.18
9	MH8.9	577.275	575.955	1.320	1.500	-0.18
10	MH8.10	577.405	576.145	1.260	1.500	-0.24
11	MH8.11	577.485	576.175	1.310	1.500	-0.19
12	MH8.12	577.645	576.225	1.420	1.500	-0.08
13	MH8.13	577.735	576.345	1.390	1.500	-0.11
14	MH8.14	577.925	576.745	1.180	1.500	-0.32
15	MH8.15	578.160	577.065	1.095	1.500	-0.41
16	MH8.16	578.335	577.295	1.040	1.500	-0.46
17	MH8.17	577.875	577.340	0.535	1.500	-0.97
18	MH8.18	578.125	577.385	0.740	1.500	-0.76



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

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

Authority

Date of Measurement

Misnatpur-02- dwcQuantity Abstract

SR NO	Discription	MB/PG	ITEM 1		ITEM 7	ITEM 11	ITEM 12			ITEM 13			ITEM 30	Extra Item 2	Extra Item 2.a	Extra Item 9.1		Extra Item 9.2
			0-1.5	1.5-3.0			200mm	250mm	315mm	200mm	250mm	315mm				d	e	
1	For Pipe		342.859	1.483	30.828	52.102	88.200	95.050	69.350	88.200	95.050	69.350	292.040	48.00	-70.32	173.20		
2	For Manhole		189.593	4.333		75.416	88.200	95.050	69.350	88.200	95.050	69.350	118.441	48.00	-70.32	173.20		
	<b>Total</b>		532.452	5.816	30.828	127.518	176.400	190.100	138.700	176.400	190.100	138.700	410.480	96.00	-140.64	346.40	173.20	173.20

CONTRACTOR  
M/s Khilari Infrastructure Pvt. Ltd.  
Mumbai  
Authorized Signatory

Project Engineer

Project Manager

Jr. Engineer

CLIENT  
Dy. Engineer

Ex. Engineer

Total up to Date

10

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GSP-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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Masnatur 3Mes. masnatpur-3

**9th R A BILL MEASUREMENTS DWC PIPE MASNATPUR-3**  
**MEASUREMENTS**

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 & 200mm 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										
	MSP 1 to MSP 1.1										
	CH0.00	575.550	574.360	574.260			1.290	1.465			
	CH12.00	577.550	576.010	575.910			1.640				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			10.670	0.815	1.465	12.740	0.000	12.740	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.170	0.815	0.100	0.910	0.000	0.910	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							1.780	0.000	1.780	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			11.670			11.670	0.000	11.670	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>12.740</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	11.170	0.315	0.315	0.87			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.91			
								1.78			
								<b>10.96</b>	<b>0.00</b>	<b>10.959</b>	
	MSP 1.1 to MSP 1.2										
	CH12.00	577.550	576.010	575.910			1.640	1.630			
	CH22.70	577.640	576.120	576.020			1.620				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			8.040	1.215	1.500	14.653	12.740	27.393	
	(b) For Lift 1.5m to 3.0m	1			8.040	0.815	0.130	0.852	0.000	0.852	



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Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	MSP 1.3 to MSP 1.4										
	CH33.30	577.840	576.290	576.190			1.650	1.535			
	CH39.20	577.860	576.540	576.440			1.420				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			3.900	1.215	1.500	7.108		42.465	49.572
	(b) For Lift 1.5m to 3.0m	1			3.900	0.815	0.035	0.111		1.762	1.873
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.500	0.815	0.100	0.367		2.386	2.753
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.717		4.667	5.384
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			5.000			5.000		30.780	35.780
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>7.219</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	4.500	0.315	0.315	0.35			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.37			
								0.72			
								<b>Net Qty = A - B</b>			
								<b>6.50</b>		<b>39.56</b>	<b>46.061</b>
	MSP 1.4 to MSP 1.5										
	CH39.20	577.860	576.540	576.440			1.420	1.385			
	CH46.70	577.910	576.660	576.560			1.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	0.825	3.698		49.572	53.271
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	0.500	2.241		0.000	2.241
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	0.060	0.269		0.000	0.269
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.100	0.815	0.100	0.497		2.753	3.250
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.972		5.384	6.357



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Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main G.R.P.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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Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.65			
								0.94			
		Net Qty = A - B							7.25	68.71	75.959
	MSP 1.9 to MSP 1.10										
	CH81.80	578.580	577.400	577.300			1.280	1.293			
	CH88.80	578.710	577.505	577.405			1.305				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.733	2.564	70.287	72.851	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.500	1.750	12.784	14.534	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.060	0.210	1.534	1.744	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			5.600	0.700	0.100	0.392	5.548	5.940	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.568	10.519	11.087	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
	(a) For Lift 0 to 1.5m	1			6.100			6.100	9.800	15.900	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.524			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.600	0.200	0.200	0.18			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.39			
								0.57			
		Net Qty = A - B							3.96	75.96	79.915
	MSP 1.10 to MSP 1.11										
	CH88.80	578.710	577.505	577.405			1.305	1.233			
	CH98.70	578.800	577.740	577.640			1.160				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			7.900	0.700	0.673	3.719	72.851	76.570	



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Name of work: Development of Underground Sewage 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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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantit
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	MSP 1.13 to MSP 1.14										
	CH112.70	579.230	578.200	578.100			1.130	1.080			
	CH118.40	579.430	578.500	578.400			1.030				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			3.700	0.700	0.520	1.347	81.032	82.379	
	(b) For Lift 1.5m to 3.0m	1			3.700	0.700	0.000	0.000	1.873	1.873	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.700	0.700	0.500	1.295	20.799	22.094	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.700	0.700	0.060	0.155	2.496	2.651	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.300	0.700	0.100	0.301	7.319	7.620	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.436	13.085	13.521	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.800			4.800	37.100	41.900	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia								64.080	64.080	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=-							2.797			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	4.300	0.200	0.200	0.14			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.30			
								0.44			
								Net Qty = A - B			
								2.36	93.12	95.477	
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge	1						0.07	0.07	0.07	



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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/FR pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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Masnatpur 3Chamber masnatpur-3

**9th R A BILL MEASUREMENTS OF CHEMBERS MASNATPUT-3**

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 1.20 dia chamber (upto 2.0m depth)- 1.20+0.50+0.5+0.5=2.66m										
	Area for chamber upto 2m=2.66*2.66=7.075m										
	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										
	MSP 1.1										
	CH12.00	577.550	576.010	575.760			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	7.075	1.500	8.331	0.000	8.331	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.290	1.611	0.000	1.611	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.829	0.000	2.829	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>9.941</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.31	1.31	1.540	2.07			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>2.83</b>			
	<b>Net Qty = A - B</b>							<b>7.11</b>	<b>0.00</b>	<b>7.113</b>	
	MSP 1.2										
	CH22.70	577.640	576.120	575.870			1.770				
	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	1.500	8.331	8.331	16.662	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.270	1.500	1.611	3.110	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.802	2.829	5.630	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>9.830</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.31	1.31	1.520	2.05			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>2.80</b>			



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Name of work: Development of 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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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
		Net Qty = A - B						7.03		7.11	14.142
	<b>MSP 1.3</b>										
	<b>CH33.30</b>	577.840	576.290	576.040			1.800				
	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	1.500	4.710	16.662	21.372	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.300	0.942	3.110	4.052	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.115	5.630	7.745	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							5.652			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.550	1.64			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							2.11			
		Net Qty = A - B						3.54		14.14	17.679
	<b>MSP 1.4</b>										
	<b>CH39.20</b>	577.860	576.540	576.290			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			0.785	4.000	1.500	4.710	21.372	26.082	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.070	0.220	4.052	4.272	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.872	7.745	9.617	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							4.930			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.320	1.39			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							1.87			
		Net Qty = A - B						3.06		17.68	20.737
	<b>MSP 1.5</b>										
	<b>CH46.70</b>	577.910	576.660	576.410			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.940	2.952	26.082	29.033	
	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	0.500	1.570	0.000	1.570	



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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. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.060	0.188	0.000	0.188	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.798	9.617	11.415	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.710</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.250	1.32			
	soiling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.80</b>			
		<b>Net Qty = A - B</b>							<b>2.91</b>	<b>20.74</b>	<b>23.649</b>
	<b>MSP 1.6</b>										
	CH52.20	578.070	576.760	576.510			1.560				
	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	0.940	2.952	29.033	31.985	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.060	0.188	4.272	4.460	
	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	0.500	1.570	1.570	3.140	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.060	0.188	0.188	0.377	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.861	11.415	13.276	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.898</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.310	1.38			
	soiling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.86</b>			
		<b>Net Qty = A - B</b>							<b>3.04</b>	<b>23.45</b>	<b>26.686</b>
	<b>MSP 1.7</b>										
	CH55.70	578.100	576.860	576.610			1.490				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.930	2.920	31.985	34.905	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard 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 Nakshrawadi (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 Nakshrawadi (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/UDSSMT/2014/184 Date: 01.07.2014

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Masnatpur 3Chamber masnatpur-3

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.500	1.570		3.140	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	0.060	0.188		0.377	0.565
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.787		13.276	15.064
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.679</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.240	1.31			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.79</b>			
	<b>Net Qty = A - B</b>							<b>2.89</b>		<b>26.69</b>	<b>29.577</b>
	<b>MSP 1.8</b>										
	<b>CH71.10</b>	578.380	577.070	576.820			1.560				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.940	2.952		34.905	37.857
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.060	0.188		4.460	4.649
	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	0.500	1.570		4.710	6.280
	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	0.060	0.188		0.565	0.754
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.861		15.064	16.925
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.898</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.310	1.38			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murum bedding							0.00			
	<b>Total (B)</b>							<b>1.86</b>			
	<b>Net Qty = A - B</b>							<b>3.04</b>		<b>29.58</b>	<b>32.614</b>
	<b>MSP 1.9</b>										
	<b>CH81.80</b>	578.580	577.400	577.150			1.430				
	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	0.870	2.732		37.857	40.588



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Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salem. All 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 GSP-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 measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.500	1.570		6.280	7.850
	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	0.060	0.188		0.754	0.942
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.724		16.925	18.649
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.490</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.180	1.25			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.72</b>			
	<b>Net Qty = A - B</b>							<b>2.77</b>		<b>32.61</b>	<b>35.380</b>
	<b>MSP 1.10</b>										
	<b>CH88.80</b>	578.710	577.505	577.255			1.455				
	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	0.895	2.810		40.588	43.399
	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	0.500	1.570		7.850	9.420
	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	0.060	0.188		0.942	1.130
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.750		18.649	20.399
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.569</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.205	1.27			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.75</b>			
	<b>Net Qty = A - B</b>							<b>2.82</b>		<b>35.38</b>	<b>38.199</b>
	<b>MSP 1.11</b>										
	<b>CH98.70</b>	578.800	577.740	577.490			1.310				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.750	2.355		43.399	45.754



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

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Masnatpur 3Chember masnatpur-3

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			0.785	4.000	0.500	1.570		9.420	10.990
	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	0.060	0.188		1.130	1.319
	Item No. : 11 Transportation of earth Transportation charges including loading & charges including loading &							1.597		20.399	21.997
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.113</b>			
	<b>Deduction</b>										
	Brick work	1.00			0.785	1.16	1.16	1.060			
	soling							1.12			
	PCC	1.00			0.785	1.56	1.56	0.25			
	Murrum bedding							0.48			
	<b>Total (B)</b>							<b>0.00</b>			
								<b>1.60</b>			
								<b>2.52</b>			
	<b>MSP 1.12</b>										
	<b>CH105.70</b>	579.040	577.890	577.640						38.20	40.715
	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	0.840	2.638		45.754	48.391
	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	0.500	1.570		10.990	12.560
	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	0.060	0.188		1.319	1.507
	Item No. : 11 Transportation of earth Transportation charges including loading & charges including loading &							1.692		21.997	23.689
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.396</b>			
	<b>Deduction</b>										
	Brick work	1.00			0.785	1.16	1.16	1.150			
	soling							1.21			
	PCC	1.00			0.785	1.56	1.56	0.25			
	Murrum bedding							0.48			
	<b>Total (B)</b>							<b>0.00</b>			
								<b>1.69</b>			
								<b>2.70</b>			
	<b>MSP 1.13</b>										
	<b>CH112.70</b>	579.230	578.200	577.950						40.71	43.418
	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	0.720	2.261		48.391	50.652



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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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Masnatpur 3Chamber masnatpur-3

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.500	1.570	12.560	14.130	
	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	0.060	0.188	1.507	1.696	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.566	23.689	25.255	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.019</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.030	1.09			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.57</b>			
	<b>Net Qty = A - B</b>							<b>2.45</b>	<b>43.42</b>	<b>45.872</b>	
	<b>MSP 1.14</b>										
	<b>CH118.40</b>	579.430	578.500	578.250			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			0.785	4.000	0.620	1.947	50.652	52.599	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	4.649	4.649	
	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	0.500	1.570	14.130	15.700	
	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	0.060	0.188	1.696	1.884	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.460	25.255	26.714	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.705</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.930	0.99			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.46</b>			
	<b>Net Qty = A - B</b>							<b>2.25</b>	<b>45.87</b>	<b>48.117</b>	



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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/UIDSSM1/2014/184 Date 01.07.2014

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Masnatur 3CHEMBER

**9th R A BILL MEASURMENTS CHEMBER DETAILS**

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebat for 30
		No				
		GL	IL	DEPTH		
A	Extra Item. 02: Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up depth of 1.5 M etc., complete					
	MASNATPUR-3					
1	MSP 1.3	577.840	576.290	1.550	1.500	0.05
2	MSP 1.4	577.860	576.540	1.320	1.500	-0.18
3	MSP 1.5	577.910	576.660	1.250	1.500	-0.25
4	MSP 1.6	578.070	576.760	1.310	1.500	-0.19
5	MSP 1.7	578.100	576.860	1.240	1.500	-0.26
6	MSP 1.8	578.380	577.070	1.310	1.500	-0.19
7	MSP 1.9	578.580	577.400	1.180	1.500	-0.32
8	MSP 1.10	578.710	577.505	1.205	1.500	-0.29
9	MSP 1.11	578.800	577.740	1.060	1.500	-0.44
10	MSP 1.12	579.040	577.890	1.150	1.500	-0.35
11	MSP 1.13	579.230	578.200	1.030	1.500	-0.47
12	MSP 1.14	579.430	578.500	0.930	1.500	-0.57
	<b>TOTAL</b>					<b>-3.46</b>
						<b>-11.5</b>

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 2.0 mtr For per 50 cm	Total Rebate (C for 50 c
		No				
		GL	IL	DEPTH		
B	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	MSP 1.1	577.550	576.010	1.540	2.000	-0.46
2	MSP 1.2	577.640	576.120	1.520	2.000	-0.48
	<b>TOTAL</b>					<b>-0.94</b>
						<b>-1.88</b>



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Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim AE 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

Name of  
Author

Date of  
Measurement

1

Masnatur 3Quantity Abstract masnatpur-3

QUANTITY ABSTRACT

MASNATPUR-3

Sl. No	Description	MB/PG	ITEM 1		ITEM 2		ITEM 4		ITEM 7	ITEM 11	ITEM 12		ITEM 13		ITEM 21	ITEM 21.1	ITEM 30	ITEM 35	Extra Item 2 0-1.5 m	Extra Item 2.a Rebate		
			0-1.5	1.5-3.0	0-1.5	1.5-3.0	0-1.5	1.5-3.0			200mm	315mm	200mm	315mm							0-2 m	Rebate
1	For Pipe		82.379	1.873	22.094	0.000	2.651	7.620	13.521	41.900	64.080	41.900	64.080	41.900	64.080	2.000	-1.880	95.477	0.070			
2	For Manhole		52.599	4.649	15.700	0.000	1.884	0.000	26.714	41.900	64.080	41.900	64.080	41.900	64.080	2.000	-1.880	48.117	0.070	12.000		
	Total		134.978	6.522	37.794	0.000	4.535	7.620	40.235	41.900	64.080	41.900	64.080	41.900	64.080	2.000	-1.880	143.594	0.070	12.000		
																					-11.550	
																						-11.550



PMC



Jr. Engineer

CLIENT  
Dy-Engineer

Ex. Engineer

al up to  
Date

10

Name of Work: Development of Under-ground 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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Masnatpur-4Meas. DWC

**9th R A BILL MEASUREMENTS DWC PIPE MASNATPUR-04**

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Up to Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
Part-01	DWC - 250mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.250+0.5=0.750m										
	For Lift 1.5 to 3.00m- 0.250+0.5+0.4=1.150m										
	For Lift 3.0 to 4.5m- 0.250+0.5+0.4+0.4=1.550m										
	MSM 1 to MSM 1.1										
	CH0.00	577.320	575.030	574.930			2.390	2.285			
	CH12.60	577.600	575.520	575.420			2.180				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			11.270	1.150	1.100	14.257	0.000	14.257	
	(b) For Lift 1.5m to 3.0m	1			11.270	0.750	0.785	6.635	0.000	6.635	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.270	1.150	0.250	3.240	0.000	3.240	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.270	1.150	0.150	1.944	0.000	1.944	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.770	0.750	0.100	0.883	0.000	0.883	
	Item No. : 11 Transportation of earth Transportation charges							1.460	0.000	1.460	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			12.270			12.270	0.000	12.270	
	Item No. 30 :- Refilling the excavated trenches										
	Total Excavation:-							26.076			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	11.770	0.250	0.250	0.577			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.883			
								1.460			
								24.616	0.000	24.616	
	MSM 1.1 to MSM 1.2										
	CH12.60	577.600	575.520	575.420			2.180	2.090			
	CH18.80	577.690	575.790	575.690			2.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.540	1.150	1.100	4.478	14.257	18.735	
	(b) For Lift 1.5m to 3.0m	1			3.540	0.750	0.590	1.566	6.635	8.202	



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