

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

Pipe lying MB Chunabhathi (Gandhi Nagar)-02

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						5.654		102.247	107.901
	GC 09 to GC 10										
	CH79.30	573.559	572.689	572.589			0.970	1.055			
	CH87.95	573.849	572.809	572.709			1.140				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.650	0.700	0.805	3.747		103.769	107.516
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.650	0.700	0.150	0.698		18.503	19.201
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.650	0.700	0.100	0.466		9.635	10.101
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.250	0.700	0.100	0.508		15.580	16.087
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.735		24.007	24.742
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.750			7.750		34.850	141.850
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										98.300
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>4.911</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	7.250	0.200	0.200	0.228			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.508			
								<b>0.735</b>			
					Net Qty = A - B			<b>4.176</b>		107.901	112.077
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.250			0.25			0.25



TPM JC

**9th R A BILL MEASUREMENTS OF CHEMBERS CHUNABHATTI (GANDHI NAGAR)-02**

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										
<b>Part-01</b>	<b>CG 01</b>										
	<b>CH0.00</b>	570.384	569.299	569.049			1.335				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.135	3.564	0.000	3.564	
	<b>Item No. 2 :-</b> 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	0.000	0.471	
	<b>Item No. 4 :-</b> 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	0.000	0.157	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.624	0.000	1.624	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							4.192			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	1.085	1.146			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.624			
								<b>Net Qty = A - B</b>			
	<b>CG 02</b>							2.568	0.000	2.568	
	<b>CH13.00</b>	570.829	569.969	569.719			1.110				
	<b>Item No. 1 :-</b> 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	3.564	6.421	
	<b>Item No. 2 :-</b> 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	0.471	0.942	
	<b>Item No. 4 :-</b> 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	0.157	0.314	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.386	1.624	3.010	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.485			
	<b>Deduction</b>										



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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							
	Brick work	1		0.785	1.160	1.160	0.860	0.908			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	<b>Total (B)</b>							<b>1.386</b>			
		<b>Net Qty = A - B</b>						<b>2.099</b>		<b>2.568</b>	<b>4.668</b>
	CG 03										
	CH24.70	571.169	570.609	570.359			0.810				
	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	0.610	1.915		6.421	8.337
	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	0.150	0.471		0.942	1.413
	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		0.314	0.471
	Item No. : 11 Transportation of earth Transportation charges							1.069		3.010	4.079
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.543</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.560	0.592			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	<b>Total (B)</b>							<b>1.069</b>			
		<b>Net Qty = A - B</b>						<b>1.474</b>		<b>4.668</b>	<b>6.142</b>
	CG 04										
	CH31.90	571.389	570.779	570.529			0.860				
	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	0.660	2.072		8.337	10.409
	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	0.150	0.471		1.413	1.884
	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		0.471	0.628
	Item No. : 11 Transportation of earth Transportation charges							1.122		4.079	5.201
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.700</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.610	0.644			
	soling							0.000			



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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		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.122</b>			
		Net Qty = A - B								6.142	7.720
	<b>CG 05</b>										
	<b>CH43.10</b>	571.729	571.099	570.849			0.880				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.680	2.135		10.409	12.544
	<b>Item No. 2 :-</b> 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		1.884	2.355
	<b>Item No. 4 :-</b> 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		0.628	0.785
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.143		5.201	6.344
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.763</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.630	0.665			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.143</b>			
		Net Qty = A - B								7.720	9.341
	<b>CG 06</b>										
	<b>CH48.55</b>	571.969	571.119	570.869			1.100				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.900	2.826		12.544	15.370
	<b>Item No. 2 :-</b> 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		2.355	2.826
	<b>Item No. 4 :-</b> 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		0.785	0.942
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.375		6.344	7.719
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.454</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.850	0.898			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			



MPM JE



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Manhole MB Chunabhatti (Gandhi Nagar)-02

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>Total (B)</b>							1.375			
		<b>Net Qty = A - B</b>						2.079		9.341	11.419
	<b>CG 06/01</b>										
	<b>CH11.00</b>	572.299	571.749	571.499			0.800				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.600	1.884		15.370	17.254
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.826	3.140
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.942	1.256
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.059		7.719	8.778
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							2.512			
	<b>Deduction</b>										
	Brick work	1			0.785	1.160	1.160	0.581			
	soling							0.000			
	PCC	1			0.785	1.560	1.560	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.059			
		<b>Net Qty = A - B</b>						1.453		11.419	12.872
	<b>CG 06/02</b>										
	<b>CH15.65</b>	572.479	571.799	571.549			0.930				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.730	2.292		17.254	19.546
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.140	3.454
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.256	1.570
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.196		8.778	9.974
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							2.920			
	<b>Deduction</b>										
	Brick work	1			0.785	1.160	1.160	0.718			
	soling							0.000			
	PCC	1			0.785	1.560	1.560	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.196			
		<b>Net Qty = A - B</b>						1.724		12.872	14.597



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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. 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	0.920	2.889		24.676	27.565
	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	0.100	0.314		4.108	4.422
	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	0.100	0.314		2.224	2.538
	Item No. : 11 Transportation of earth Transportation charges							1.397		12.872	14.269
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.517</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.870	0.919			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.397</b>			
								<b>Net Qty = A - B</b>		<b>18.136</b>	<b>20.256</b>
	CG 06/06										
	CH43.65	573.829	572.919	572.669			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	0.960	3.014		27.565	30.580
	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	0.100	0.314		4.422	4.736
	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	0.100	0.314		2.538	2.852
	Item No. : 11 Transportation of earth Transportation charges							1.439		14.269	15.708
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.642</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.910	0.961			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.439</b>			
								<b>Net Qty = A - B</b>		<b>20.256</b>	<b>22.460</b>
	CG 06/07										
	CH50.65	574.259	573.269	573.019			1.240				



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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. 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		43.265	46.217
	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	0.100	0.314		5.992	6.306
	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	0.100	0.314		4.108	4.422
	Item No. : 11 Transportation of earth Transportation charges							1.418		21.674	23.092
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.580</b>			
	<b>Deduction</b>										
	Brick work	1			0.785	1.160	1.160	0.890		0.940	
	soling									0.000	
	PCC	1			0.785	1.560	1.560	0.250		0.478	
	Murrum bedding									0.000	
	<b>Total (B)</b>							<b>1.418</b>			
					Net Qty = A - B			<b>2.162</b>		<b>31.691</b>	<b>33.853</b>
	CG 06/13										
	CH79.95	575.299	574.399	574.149			1.150				
	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	0.950	2.983		46.217	49.200
	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	0.100	0.314		6.306	6.620
	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	0.100	0.314		4.422	4.736
	Item No. : 11 Transportation of earth Transportation charges							1.428		23.092	24.520
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.611</b>			
	<b>Deduction</b>										
	Brick work	1			0.785	1.160	1.160	0.900		0.951	
	soling									0.000	
	PCC	1			0.785	1.560	1.560	0.250		0.478	
	Murrum bedding									0.000	
	<b>Total (B)</b>							<b>1.428</b>			
					Net Qty = A - B			<b>2.183</b>		<b>33.853</b>	<b>36.036</b>
	CG 06/14										
	CH84.95	575.469	574.639	574.389			1.080				



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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 from Golwadi SDS to Nakshtrawadi (Kanchanwadi) STP and Ward No 98 to

Book No. :-  
Page No. :-

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Manhole MB Chunabhathi (Gandhi Nagar)-02

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>Item No. 1</b> :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.750	2.550		54.287	56.837
	<b>Item No. 2</b> :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.100	0.340		7.248	7.588
	<b>Item No. 4</b> :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.100	0.340		5.364	5.704
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.598		27.081	28.679
	<b>Item No. 30</b> :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.230			
	<b>Deduction</b>										
	Brick work	1			1.400	1.100	0.700	1.078			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.598			
	<b>Net Qty = A - B</b>							1.632		39.818	41.450
	<b>CG 06/13/01</b>										
	<b>CH8.70</b>	575.839	575.169	574.919			0.920				
	<b>Item No. 1</b> :- 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		56.837	59.097
	<b>Item No. 2</b> :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		7.588	7.902
	<b>Item No. 4</b> :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		5.704	6.018
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.185		28.679	29.864
	<b>Item No. 30</b> :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							2.889			
	<b>Deduction</b>										
	Brick work	1			0.785	1.160	1.160	0.670	0.708		
	soling							0.000			
	PCC	1			0.785	1.560	1.560	0.250	0.478		
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.185			
	<b>Net Qty = A - B</b>							1.703		41.450	43.153
	<b>CG 06/13/02</b>										
	<b>CH11.00</b>	575.959	575.209	574.959			1.000				



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Manhole MB Chunabhatti (Gandhi Nagar)-02

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. 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	0.800	2.512		59.097	61.609
	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	0.100	0.314		7.902	8.216
	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	0.100	0.314		6.018	6.332
	Item No. : 11 Transportation of earth Transportation charges							1.270		29.864	31.134
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.140</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.750	0.792			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.270</b>			
								<b>Net Qty = A - B</b>		<b>43.153</b>	<b>45.023</b>
	CG 06/15/01										
	CH8.70	576.969	576.389	576.139			0.830				
	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	0.630	1.978		61.609	63.588
	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	0.100	0.314		8.216	8.530
	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	0.100	0.314		6.332	6.646
	Item No. : 11 Transportation of earth Transportation charges							1.090		31.134	32.224
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.606</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.580	0.613			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.090</b>			
								<b>Net Qty = A - B</b>		<b>45.023</b>	<b>46.539</b>
Part-02	GC 01										
	CH0.00	572.669	571.769	571.519			1.150				



TPK





Date	Particulars of work	DETAILS						Content of arrears	Last measurment		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	0.150	0.471		9.472	9.943
	Item No. : 11 Transportation of earth Transportation charges							1.481		35.229	36.710
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.768</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.950	1.003			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.481</b>			
								<b>2.287</b>			
	<b>GC 04</b>									<b>51.197</b>	<b>53.483</b>
	CH34.05	572.949	572.109	571.859			1.090				
	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		73.604	76.556
	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		9.943	10.414
	Item No. : 11 Transportation of earth Transportation charges							1.365		36.710	38.075
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.423</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.840	0.887			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.365</b>			
								<b>2.058</b>		<b>53.483</b>	<b>55.541</b>
	<b>GC 05</b>										
	CH41.45	573.099	572.229	571.979			1.120				
	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	0.970	3.046		76.556	79.602
	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		10.414	10.885
	Item No. : 11 Transportation of earth Transportation charges							1.397		38.075	39.471



MPK JS

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>3.517</b>				
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.870	0.919			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	<b>Total (B)</b>						<b>1.397</b>				
							<b>Net Qty = A - B</b>	<b>2.120</b>	<b>55.541</b>	<b>57.661</b>	
	<b>GC 06</b>										
	<b>CH52.80</b>	573.119	572.329	572.079			1.040				
	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	0.790	2.481	79.602	82.082	
	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	0.150	0.471	10.885	11.356	
	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	0.100	0.314	6.646	6.960	
	Item No. : 11 Transportation of earth Transportation charges							1.312	39.471	40.783	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>3.266</b>				
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.790	0.834			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	<b>Total (B)</b>						<b>1.312</b>				
							<b>Net Qty = A - B</b>	<b>1.954</b>	<b>57.661</b>	<b>59.615</b>	
	<b>GC 08</b>										
	<b>CH67.40</b>	573.438	572.569	572.319			1.119				
	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	0.869	2.729	82.082	84.811	
	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	0.150	0.471	11.356	11.827	
	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	0.100	0.314	6.960	7.274	
	Item No. : 11 Transportation of earth Transportation charges							1.396	40.783	42.179	



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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 ...										
	<b>Total Excavation(A)=</b>							<b>3.514</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.869	0.918			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.396</b>			
		<b>Net Qty = A - B</b>						<b>2.118</b>			
	GC 09								59.615	61.733	
	CH79.30	573.559	572.689	572.439			1.120				
	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	0.870	2.732	84.811	87.543	
	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	11.827	12.298	
	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	0.100	0.314	7.274	7.588	
	Item No. : 11 Transportation of earth Transportation charges							1.397	42.179	43.575	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.517</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.870	0.919			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.397</b>			
		<b>Net Qty = A - B</b>						<b>2.120</b>			
	GC 10								61.733	63.853	
	CH87.95	573.849	572.809	572.559			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	1.040	3.266	87.543	90.808	
	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	12.298	12.769	
	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	0.100	0.314	7.588	7.902	
	Item No. : 11 Transportation of earth Transportation charges							1.576	43.575	45.152	



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Manhole Details Chunabhatti (Gandhi Nagar)-02

**9th R A BILL MEASUREMENTS CHEMBER DETAILS CHUNABHATTI (GANDHI NAGAR)-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			
<b>A</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	CHUNABHATTI (GANDHI NAGAR)-02						
1	CG 01	570.384	569.299	1.085	1.500	-0.415	
2	CG 02	570.829	569.969	0.860	1.500	-0.640	
3	CG 03	571.169	570.609	0.560	1.500	-0.940	
4	CG 04	571.389	570.779	0.610	1.500	-0.890	
5	CG 05	571.729	571.099	0.630	1.500	-0.870	
6	CG 06	571.969	571.119	0.850	1.500	-0.650	
7	CG 06/01	572.299	571.749	0.550	1.500	-0.950	
8	CG 06/02	572.479	571.799	0.680	1.500	-0.820	
9	CG 06/03	572.929	572.179	0.750	1.500	-0.750	
10	CG 06/05	573.519	572.649	0.870	1.500	-0.630	
11	CG 06/06	573.829	572.919	0.910	1.500	-0.590	
12	CG 06/07	574.259	573.269	0.990	1.500	-0.510	
13	CG 06/08	574.659	573.629	1.030	1.500	-0.470	
14	CG 06/09	574.819	573.849	0.970	1.500	-0.530	
15	CG 06/10	574.959	574.109	0.850	1.500	-0.650	
16	CG 06/11	575.009	574.119	0.890	1.500	-0.610	
17	CG 06/13	575.299	574.399	0.900	1.500	-0.600	
18	CG 06/14	575.469	574.639	0.830	1.500	-0.670	
19	CG 06/15	575.789	575.099	0.690	1.500	-0.810	
20	CG 06/13/01	575.839	575.169	0.670	1.500	-0.830	
21	CG 06/13/02	575.959	575.209	0.750	1.500	-0.750	
22	CG 06/15/01	576.969	576.389	0.580	1.500	-0.920	
23	GC 01	572.669	571.769	0.900	1.500	-0.600	
24	GC 02	572.929	571.889	1.040	1.500	-0.460	
25	GC 03	572.939	571.989	0.950	1.500	-0.550	
26	GC 04	572.949	572.109	0.840	1.500	-0.660	
27	GC 05	573.099	572.229	0.870	1.500	-0.630	
28	GC 06	573.119	572.329	0.790	1.500	-0.710	
29	GC 08	573.438	572.569	0.869	1.500	-0.631	
30	GC 09	573.559	572.689	0.870	1.500	-0.630	
31	GC 10	573.849	572.809	1.040	1.500	-0.460	
<b>TOTAL</b>						-20.826	-69.420
<b>B</b> Extra Item No. 03 : Providing and constructing on sewer.BBM manhole 0.9 m x 0.6 m and up to a depth of 1.5 M etc., complete							
1	CHUNABHATTI (GANDHI NAGAR)-02						
1	CG 06/04	573.069	572.349	0.720	1.500	-0.780	
2	CG 06/16	576.549	575.849	0.700	1.500	-0.800	
<b>TOTAL</b>						-1.580	-5.267

up to date

10

-69.420



mpk ge



Name of Work:- Development of Underground Sewerage Collection system for Zone 1 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)

Auth

Date of Measurement

Qty Chunabhatti (Gandhi Nagar)-02

**QUANTITY ABSTRACT**  
**CHUNABHATTI (GANDHI NAGAR)-02**

Sr. No.	Discription	MB/PG	ITEM 1		ITEM 2		ITEM 4		ITEM 7	ITEM 11	ITEM 12		ITEM 13		ITEM 30	ITEM 35	Extra Item 2		Extra Item 3		Extra Item 3.a	
			0-1.5	1.5-3.0	0-1.5	0-1.5	0-1.5	200mm			250mm	200mm	250mm	0-1.5 m			Rebate	0-1.5 m	Rebate			
1	For Pipe		107.516	0.000	19.201	10.101	16.087	24.742	141.850	98.300	141.850	98.300	112.077	0.250								
2	For Manhole		90.808	0.000	12.769	7.902	45.152	66.328	141.850	98.300	141.850	98.300	178.404	0.250								
	<b>Total</b>		198.325	0.000	31.970	18.003	69.893	112.077	141.850	98.300	141.850	98.300	178.404	0.250								

Page 1 of 1



PMC



Project Manager

*[Signature]*

Jr. Engineer

*[Signature]*

CLIENT

Dy. Engineer

*[Signature]*

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 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 & GECPI (Joint Venture)

SB Colony Near Shivsena Bhavan Meas. DWC

**9th RA BILL MEASUREMENTS DWC PIPE SB COLONY NEAR SHIVSENA BHAVAN**

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										
	Nalla to SB 01										
	CH0.00	565.305	563.325	563.225			2.080	2.070			
	CH3.10	565.405	563.445	563.345			2.060				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.500	1.215	1.500	2.734	0.000	2.734	
	(b) For Lift 1.5m to 3.0m	1			1.500	0.815	0.570	0.697	0.000	0.697	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.000	0.815	0.100	0.163	0.000	0.163	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.319	0.000	0.319	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			2.350			2.350	0.000	2.350	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>3.431</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1		0.785	2.000	0.315	0.315	0.156			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.163			
								<b>0.319</b>			
								<b>Net Qty = A - B</b>	<b>3.112</b>	<b>0.000</b>	<b>3.112</b>
	SB 01 to SB 02										
	CH3.10	565.405	563.445	563.345			2.060	2.240			
	CH12.40	565.765	563.445	563.345			2.420				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.100	1.215	1.500	11.117	2.734	13.851	
	(b) For Lift 1.5m to 3.0m	1			6.100	0.815	0.740	3.679	0.697	4.376	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.100	0.815	0.100	0.579	0.163	0.742	
	Item No. : 11 Transportation of earth Transportation charges							1.132	0.319	1.450	



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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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SB Colony Near Shivsena Bhavan 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							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.940	0.815	0.100	0.810		2.752	3.562
	Item No. : 11 Transportation of earth Transportation charges							1.584		5.383	6.967
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.440			10.440		36.820	47.260
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>20.155</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1		0.785	9.940	0.315	0.315	0.774			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.810			
								<b>1.584</b>			
	<b>SB 06 to SB 07</b>							<b>18.570</b>		<b>65.964</b>	<b>84.534</b>
	CH55.00	566.695	564.965	564.865							
	CH70.80	567.155	565.405	565.305				1.830			
								1.850			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.140	1.215	1.500	23.948		69.638	93.585
	(b) For Lift 1.5m to 3.0m	1			13.140	0.815	0.340	3.641		21.863	25.505
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			14.140	0.815	0.100	1.152		3.562	4.715
	Item No. : 11 Transportation of earth Transportation charges							2.254		6.967	9.221
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			14.640			14.640		47.260	61.900
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>27.589</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1		0.785	14.140	0.315	0.315	1.101			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.152			
								<b>2.254</b>			
	<b>SB 07 to SB 08</b>							<b>25.335</b>		<b>84.534</b>	<b>109.869</b>
	CH70.80	567.155	565.405	565.305							
	CH79.30	567.175	565.655	565.555				1.850			
								1.620		1.735	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.840	1.215	1.500	10.643		93.585	104.229



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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

1

SB Colony Near Shivsena BhavanCHEMBER 1.5

**9th R A BILL MEASURMENTS DWC CHEMBER SB COLONY NEAR SHIVSENA BHAVAN**

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 Chember - For 1.50 dia chamber (upto 5.0m depth)- 1.50+0.7+0.5+0.5=3.2m										
	Area for chember upto 5m=3.2*3.2=10.24m										
	<b>SB 01</b>										
	<b>CH3.10</b>	565.405	563.445	563.195			2.210				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.500	12.058	0.000	12.058	
	(b) For Lift 1.5 to 3.0m	1			0.785	10.240	0.710	5.707	0.000	5.707	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							5.821	0.000	5.821	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							17.765			
	<b>Deduction</b>										
	Brick work	1.00			0.785	1.53	1.460	2.68			
	Brick work	1.00			0.785	2.24	2.24	0.50		1.97	
	PCC	1.00			0.785	2.44	2.44	0.25		1.17	
	Murrum bedding							0.00			
	<b>Total (B)</b>							5.82			
	<b>Net Qty = A - B</b>							11.94	0.00	11.94	
	<b>SB 02</b>										
	<b>CH12.40</b>	565.765	563.445	563.195			2.570				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.500	12.058	12.058	24.115	
	(b) For Lift 1.5 to 3.0m	1			0.785	10.240	1.070	8.601	5.707	14.308	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							6.104	5.821	11.925	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							20.659			
	<b>Deduction</b>										
	Brick work	1.00			0.785	1.53	2.000	3.68			
	Brick work	1.00			0.785	2.24	2.24	0.32		1.26	
	PCC	1.00			0.785	2.44	2.44	0.25		1.17	
	Murrum bedding							0.00			
	<b>Total (B)</b>							6.10			
	<b>Net Qty = A - B</b>							14.55	11.94	26.50	
	<b>SB 03</b>										
	<b>CH23.40</b>	566.315	564.155	563.905			2.410				



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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.

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

2

SB Colony Near Shivsena Bhavan CHEMBER 1.5

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. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.500	12.058			
	(b) For Lift 1.5 to 3.0m	1			0.785	10.240	0.910	7.315	24.115	36.173	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							5.558	14.308	21.623	
	Item No. 30 :- Refilling the excavated trenches ...								11.925	17.483	
	<b>Total Excavation(A)=</b>							<b>19.373</b>			
	<b>Deduction</b>										
	Brick work	1.00			0.785	1.53	1.53	1.960			
	Brick work	1.00			0.785	2.24	2.24	0.20			
	PCC	1.00			0.785	2.44	2.44	0.25			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>5.56</b>			
								<b>13.81</b>			
	<b>Net Qty = A - B</b>								<b>26.50</b>	<b>40.31</b>	
	SB 04										
	CH29.40	566.375	564.245	563.995			2.380				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.500	12.058	36.173	48.230	
	(b) For Lift 1.5 to 3.0m	1			0.785	10.240	0.880	7.074	21.623	28.697	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							5.503	17.483	22.985	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>19.131</b>			
	<b>Deduction</b>										
	Brick work	1.00			0.785	1.53	1.53	1.930			
	Brick work	1.00			0.785	2.24	2.24	0.20			
	PCC	1.00			0.785	2.44	2.44	0.25			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>5.50</b>			
								<b>13.63</b>			
	<b>Net Qty = A - B</b>								<b>40.31</b>	<b>53.94</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 Vencture)

1

SB Colony Near Shivsena Bhavan Meas.Chember 1.2

**9th R A BILL MEASUREMENTS OF CHEMBERS SB COLONY NEAR SHIVSENA BHAVAN**

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 chember upto 2m=2.66*2.66=7.075m SB 05										
	CH43.40	566.635	564.505	564.255			2.380				
	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	48.230	56.561	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.880	4.887	28.697	33.584	
	Item No. : 11 Transportation of earth Transportation charges							3.623	22.985	26.609	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>13.218</b>			
	<b>Deduction</b>										
	Brick work	1			0.785	1.310	1.310	2.869			
	soling							0.000			
	PCC	1			0.785	1.960	1.960	0.754			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>3.623</b>			
					<b>Net Qty = A - B</b>			<b>9.595</b>	<b>53.942</b>	<b>63.537</b>	
	SB 06										
	CH55.00	566.695	564.965	564.715			1.980				
	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	56.561	64.892	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.480	2.666	33.584	36.250	
	Item No. : 11 Transportation of earth Transportation charges							3.084	26.609	29.693	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>10.997</b>			
	<b>Deduction</b>										
	Brick work	1			0.785	1.310	1.310	2.331			
	soling							0.000			
	PCC	1			0.785	1.960	1.960	0.754			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>3.084</b>			
					<b>Net Qty = A - B</b>			<b>7.912</b>	<b>63.537</b>	<b>71.449</b>	
	SB 07										
	CH70.80	567.155	565.405	565.155			2.000				



MH JE







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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SB Colony Near Shivsena BhavanQuantity Abstract

QUANTITY ABSTRACT

SB COLONY NEAR SHIVSENA BHAVAN

Sr. No.	Discription	ITEM 1		ITEM 7	ITEM 11	ITEM 12	ITEM 13	ITEM 21	ITEM 21.1	ITEM 23	ITEM 23.1		ITEM 30
		0-1.5	1.5-3.0								Rebate	Rebate	
1	For Pipe	104.229	26.623	5.272	10.311	69.240	315mm	0-2 m	Rebate	2-5 m			120.541
2	For Manhole	81.554	40.527		35.606			4.000	-1.740	4.000		-22.860	86.474
	Total	185.782	67.150	5.272	45.917	69.240	69.240	4.000	-1.740	4.000		-22.860	207.015

CONTRACTOR



PMC



CLIENT

*[Signature]*  
Jr. Engineer  
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 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)

AMC/Work Order/Contract/IDSSMT/2014/184 Date 01.07.2014

Page 1

Pipe Lying MB Kuwarfalli-300 DWC

*Na*

**9th R A BILL MEASUREMENTS DWC PIPE KUWARFALLI**

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 - 315 mm 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										
	KRB1 TO KRB2										
	CH0.00	586.434	584.574	584.474			1.960	1.685			
	CH13.50	586.634	585.324	585.224			1.410				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.500	1.215	1.150	16.068	0.000	16.068	
	(b) For Lift 1.5m to 3.0m	1			11.500	0.815	0.185	1.734	0.000	1.734	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.500	1.215	0.150	2.096	0.000	2.096	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.500	1.215	0.200	2.795	0.000	2.795	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.100	0.815	0.100	0.986	0.000	0.986	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.929	0.000	1.929	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			12.600			12.600	0.000	12.600	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							22.693			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	12.100	0.315	0.315	0.94			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.99			
								1.93			
								20.76	0.00	20.76	
	KRB2 TO KRB3										
	CH13.50	586.634	585.324	585.224			1.410	1.380			
	CH25.50	586.874	585.624	585.524			1.350				



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Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)  
 Project No. AMC/Ward R&C/HDSSMT/2014/184 Date 01.07.2014

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Pipe Lying MB Kuwarfalli-300 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							
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			10.000	0.815	1.030	8.395		16.068	24.463
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.000	0.815	0.150	1.223		2.096	3.318
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.000	0.815	0.200	1.630		2.795	4.425
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.600	0.815	0.100	0.864		0.986	1.850
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.690		1.929	3.618
	<b>Item No. 13 :-</b> (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			11.100			11.100		12.600	23.700
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							11.247			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	10.600	0.315	0.315	0.83			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.86			
								1.69			
								<b>Net Qty = A - B</b>		20.76	30.32
	<b>KRB3 TO KRB4</b>							9.56		20.76	30.32
	CH25.50	586.874	585.624	585.524			1.350				
	CH36.30	587.124	585.984	585.884			1.240	1.295			
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.815	0.945	6.778		24.463	31.240
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.815	0.150	1.076		3.318	4.394
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.815	0.200	1.434		4.425	5.859
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.400	0.815	0.100	0.766		1.850	2.616



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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

Page 3

Pipe Lying MB Kuwarfalli-300 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. : 11 Transportation of earth Transportation								1.498	3.618	5.116
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			9.900				9.900	23.700	33.600
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>								9.288		
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	9.400	0.315	0.315		0.73		
	soling								0.00		
	PCC								0.00		
	Murrum bedding								0.77		
									1.50		
									7.79	30.32	38.11
	<b>Net Qty = A - B</b>										
	KRB4 TO KRB5										
	CH36.30	587.124	585.984	585.884			1.240				
	CH48.20	587.284	586.209	586.109			1.175		1.208		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.900	0.815	0.858		6.919	31.240	38.159
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.900	0.815	0.150		1.210	4.394	5.604
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.900	0.815	0.200		1.614	5.859	7.473
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.500	0.815	0.100		0.856	2.616	3.472
	Item No. : 11 Transportation of earth Transportation charges including loading &								1.674	5.116	6.790
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			11.000				11.000	33.600	44.600
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>								9.743		
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	10.500	0.315	0.315		0.82		
	soling								0.00		
	PCC								0.00		
	Murrum bedding								0.86		
									1.67		



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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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Pipe Lying MB Kuwarfalli-300 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. : 11 Transportation of earth Transportation						1.658		8.687	10.345	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.900		10.900		57.000	67.900	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>						<b>9.425</b>				
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	10.400	0.315	0.315	0.81			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.85			
							<b>1.66</b>				
	<b>Net Qty = A - B</b>						<b>7.77</b>		<b>54.85</b>	<b>62.62</b>	
	<b>KRB7 TO KRB8</b>										
	CH73.30	587.724	586.584	586.484			1.240	1.340			
	CH80.80	588.024	586.684	586.584			1.440				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	0.990	4.438	52.133	56.571	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.500	0.815	0.150	0.672	8.184	8.856	
	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	0.200	0.897	10.912	11.808	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.100	0.815	0.100	0.497	5.289	5.787	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.972	10.345	11.317	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			6.600			6.600	67.900	74.500	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>						<b>6.007</b>				
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	6.100	0.315	0.315	0.48			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.50			
							<b>0.97</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.

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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Pipe Lying MB Kuwarfalli-300 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							
		Net Qty = A - B						5.03		62.62	67.65
	KRB8 TO KRB9										
	CH80.80	588.024	586.684	586.584			1.440	1.288			
	CH89.80	588.034	586.999	586.899			1.135				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.000	0.815	0.938	5.348		56.571	61.919
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.000	0.815	0.150	0.856		8.856	9.712
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			7.000	0.815	0.200	1.141		11.808	12.949
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)				7.600	0.815	0.100	0.619		5.787	6.406
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.211		11.317	12.528
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			8.100			8.100		74.500	82.600
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>7.345</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	7.600	0.315	0.315	0.59			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.62			
								<b>1.21</b>			
		Net Qty = A - B						6.13		67.65	73.79
	KRB9 TO KRB10										
	CH89.80	588.034	586.999	586.899			1.135	1.123			
	CH98.20	588.154	587.144	587.044			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			6.400	0.815	0.473	2.465		61.919	64.384
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.815	0.150	0.782		9.712	10.494



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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

		Details						Last 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							
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.815	0.300	1.565		0.000	1.565
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.815	0.200	1.043		12.949	13.993
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			7.000	0.815	0.100	0.571		6.406	6.976
	Item No. : 11 Transportation of earth Transportation							1.116		12.528	13.644
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			7.500			7.500		82.600	90.100
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>5.855</b>			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	7.000	0.315	0.315	0.55			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.57			
								<b>1.12</b>			
								<b>4.74</b>		<b>73.79</b>	<b>78.53</b>
	<b>Net Qty = A - B</b>										
	KRB10 TO KRB11										
	CH98.20	588.154	587.144	587.044			1.110	1.220			
	CH104.80	588.424	587.194	587.094			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			4.600	0.815	0.570	2.137		64.384	66.521
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.815	0.150	0.562		10.494	11.057
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.815	0.300	1.125		1.565	2.690
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.815	0.200	0.750		13.993	14.742
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.200	0.815	0.100	0.424		6.976	7.400



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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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Pipe Lying MB Kuwarfalli-300 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. : 11 Transportation of earth Transportation charges including loading &							0.829		13.644	14.473
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			5.700			5.700		90.100	95.800
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							4.574			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	5.200	0.315	0.315	0.41			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.42			
								0.83			
								<b>Net Qty = A - B</b>		78.53	82.27
	<b>KRB11 TO KRB12</b>										
	CH104.80	588.424	587.194	587.094			1.330				
	CH113.30	588.569	587.284	587.184			1.385	1.358			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			6.500	0.815	0.708	3.748		66.521	70.269
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	0.815	0.150	0.795		11.057	11.851
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	0.815	0.300	1.589		2.690	4.279
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	0.815	0.200	1.060		14.742	15.802
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.100	0.815	0.100	0.579		7.400	7.979
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.132		14.473	15.604
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			7.600			7.600		95.800	103.400
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							7.191			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	7.100	0.315	0.315	0.55			



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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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M. M. M. Infrastructures Pvt. Ltd. & GECPL (Joint Venture)

Pipe Lying MB Kuwarfalli-300 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							
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.58			
								1.13			
		Net Qty = A - B						6.06	82.27	88.33	
	<b>KRB12 TO KRB13</b>										
	CH113.30	588.569	587.284	587.184			1.385	1.218			
	CH118.50	588.784	587.834	587.734			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.200	0.815	0.568	1.480	70.269	71.749	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.200	0.815	0.150	0.391	11.851	12.243	
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			3.200	0.815	0.300	0.782	4.279	5.061	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.200	0.815	0.200	0.522	15.802	16.324	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.200	0.815	0.100	0.342	7.979	8.321	
	Item No. : 11 Transportation of earth Transportation							0.669	15.604	16.274	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			4.700			4.700	103.400	108.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							3.175			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	4.200	0.315	0.315	0.33			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.34			
								0.67			
		Net Qty = A - B						2.51	88.33	90.84	
	<b>KRB13 TO KRB14</b>										
	CH118.50	588.784	587.834	587.734			1.050	1.050			
	CH120.30	588.784	587.834	587.734			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.815	0.400	0.000	71.749	71.749	



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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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Pipe Lying MB Kuwarfalli-300 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							
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.815	0.150	0.000		12.243	12.243
	<b>Item No. 3 :-</b> Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.815	0.300	0.000		5.061	5.061
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.000	0.815	0.200	0.000		16.324	16.324
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.000	0.815	0.100	0.082		8.321	8.403
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							0.000		16.274	16.274
	<b>Item No. 13 :-</b> (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			1.500			1.500		108.100	109.600
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							0.000			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.00		0.785	0.000	0.315	0.315	0.00			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.00			
								0.00			
	<b>Net Qty = A - B</b>							0.00		90.84	90.84
	<b>KRB14 TO KRB15</b>										
	CH120.30	588.784	587.834	587.734			1.050	0.960			
	CH133.20	588.674	587.904	587.804			0.870				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			10.900	0.815	0.460	4.086		71.749	75.835
	<b>Item No. 3 :-</b> Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			10.900	0.815	0.300	2.665		5.061	7.726
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.900	0.815	0.200	1.777		16.324	18.100
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.500	0.815	0.100	0.937		8.403	9.340



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