

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.766</b>			
		<b>Net Qty = A - B</b>									
	<b>AND 05</b>							<b>2.850</b>	<b>8.976</b>	<b>11.825</b>	
	CH79.30	578.228	577.148	576.898			1.330				
	<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	1.080	3.391	15.339	18.730	
	<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	0.100	0.314	1.256	1.570	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							<b>1.618</b>	<b>7.282</b>	<b>8.900</b>	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.176</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	1.080	1.141			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							<b>1.618</b>			
		<b>Net Qty = A - B</b>									
	<b>AND 06</b>							<b>2.558</b>	<b>11.825</b>	<b>14.383</b>	
	CH85.90	578.083	577.208	576.958			1.125				
	<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	0.875	2.748	18.730	21.478	
	<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	0.100	0.314	1.570	1.884	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							<b>1.402</b>	<b>8.900</b>	<b>10.302</b>	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.533</b>			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.875	0.924			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			



TPK JLS

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 CDD/DL line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Manhole MB Anand Apart

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Murum bedding										
	<b>Total (B)</b>						0.000				
		<b>Net Qty = A - B</b>						1.402			
							2.131	14.383	16.514		
	AND 07										
	CH94.00	578.088	577.228	576.978			1.110				
	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	0.860	2.700	21.478	24.178	
	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	2.826	3.297	
	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	1.884	2.198	
	Item No. : 11 Transportation of earth Transportation charges							1.386	10.302	11.688	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						3.485				
	<b>Deduction</b>										
	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>						1.386				
		<b>Net Qty = A - B</b>						2.099	16.514	18.613	
	AND 08										
	CH111.00	578.158	577.278	577.028			1.130				
	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	0.880	2.763	24.178	26.941	
	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	3.297	3.768	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314	2.198	2.512	
	Item No. : 11 Transportation of earth Transportation charges							1.407	11.688	13.095	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						3.548				
	<b>Deduction</b>										
	Brick work	1			0.785	1.160	1.160	0.880	0.930		
	soling								0.000		
	PCC	1			0.785	1.560	1.560	0.250	0.478		
	Murum bedding								0.000		



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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							
	<b>Total (B)</b>						1.407				
		Net Qty = A - B						2.141		18.613	20.754
	<b>AND 09</b>										
	<b>CH118.20</b>	578.238	577.418	577.168			1.070				
	<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	0.820	2.575	26.941	29.516	
	<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	3.768	4.239	
	<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	2.512	2.826	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.344	13.095	14.439	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						3.360				
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.820	0.866			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>						1.344				
		Net Qty = A - B						2.016		20.754	22.770
	<b>AND 07/01</b>										
	<b>CH9.95</b>	577.998	577.388	577.138			0.860				
	<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	0.610	1.915	29.516	31.431	
	<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	4.239	4.710	
	<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	2.826	3.140	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.122	14.439	15.561	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						2.700				
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.610	0.644			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			



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

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Work No. MB-Road-400

Date	Particulars of work	DETAILS					Content of meters	Last measurement Page (Quantity)	Total upto Date Quantity	
		No			L	B				D
		GL	IL	EX.L						
	<b>Total (B)</b>						1.117			
		Net Qty = A - B					1.578	22770	24349	
	AND 07/02									
	CH15.35	577.988	577.398	577.148			0.840			
	<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	0.590	1.853	3140	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	0.000	
	<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	4710	
	<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	3140	
	<b>Item No. : 11</b> Transportation of earth Transportation charges						1.101	15.561	26.662	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...									
	<b>Total Excavation(A)=</b>						2.638			
	<b>Deduction</b>									
	Brick work	1		0.785	1.160	1.160	0.590	0.623		
	soling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murrum bedding							0.000		
	<b>Total (B)</b>						1.101			
		Net Qty = A - B					1.537	24349	25.885	



7/8/20





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

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Nageshwarwadi Bhoiwada Meas. Nageshwarwadi

*Fancy*

**9th R A BILL MEASUREMENTS DWC PIPE NAGESHWARWADI BHOIWADA**

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Up 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										
	B1 to B2										
	CH0.00	562.380	560.570	560.470			1.910				
	CH23.80	562.550	560.860	560.760			1.790	1850			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			21.140	1.215	1.150	29.538	0.000	29.538	
	(b) For Lift 1.5m to 3.0m	1			21.140	0.815	0.350	6.030	0.000	6.030	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			21.140	1.215	0.150	3.853	0.000	3.853	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			21.140	1.215	0.200	5.137	0.000	5.137	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			22.140	0.815	0.100	1.804	0.000	1.804	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							3.529	0.000	3.529	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			22.640			22.640	0.000	22.640	
	Item No. 30 :- Refilling the excavated trenches										
	Total Excavation=							44.558			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	22.140	0.315	0.315	1.725			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.804			
								3.529			
								41.029	0.000	41.029	

Net Qty = A - B



*MH 30*

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

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Nageshwarwadi Bhoiwada Meas. Nageshwarwadi

Date	Particulars of work	DETAILS						Content of meters	Last measurement		Total Qty Rate Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	B2 to B3										
	CH23.80	562.550	560.860	560.760			1.790				
	CH35.90	562.560	560.960	560.860			1.700	1.745			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.440	1.215	1.150	13.190			42.728
	(b) For Lift 1.5m to 3.0m	1			9.440	0.815	0.245	1.885			7.945
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.440	1.215	0.150	1.720			3.853
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.440	1.215	0.200	2.294			5.137
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.440	0.815	0.100	0.851			1.804
	Item No. : 11 Transportation of earth Transportation charges							1.664			3.529
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.940			10.940			22.640
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>19.089</b>			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	10.440	0.315	0.315	0.813			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.851			
								<b>1.664</b>			
								<b>Net Qty = A - B</b>			
								<b>17.425</b>			41.029
	B3 to B4										58.454
	CH35.90	562.560	560.960	560.860			1.700				
	CH49.50	562.590	561.080	560.980			1.610	1.655			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.940	1.215	1.150	15.286			42.728
	(b) For Lift 1.5m to 3.0m	1			10.940	0.815	0.155	1.382			7.945
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.940	1.215	0.150	1.944			5.573



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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

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Nageshwarwadi Bhoiwada Meas. Nageshwarwadi

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. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.940	1.215	0.200	2.658		7.431	10.089
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.940	0.815	0.100	0.973		2.655	3.628
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.903		5.193	7.096
	<b>Item No. 13 :- (d)Lowering &amp; Laying of Polyethylene DWC pipe of 315mm Dia</b>	1			12.440			12.440		33.580	46.020
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							21.320			
	<b>Deduction of 315mm dia pipe</b>										
	pipe area	1.000		0.785	11.940	0.315	0.315	0.930			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.973			
								1.903			
								<b>Net Qty = A - B</b>			
								19.417		58.454	77.871
	<b>B4 to B5</b>										
	<b>CH49.50</b>	562.590	561.080	560.980			1.610				
	<b>CH61.20</b>	562.610	561.080	560.980			1.630	1.620			
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.040	1.215	1.150	12.631		58.014	70.645
	(b) For Lift 1.5m to 3.0m	1			9.040	0.815	0.120	0.884		9.297	10.181
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.040	1.215	0.150	1.648		7.567	9.215
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.040	1.215	0.200	2.197		10.089	12.286
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.040	0.815	0.100	0.818		3.628	4.447
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.600		7.096	8.696
	<b>Item No. 13 :- (d)Lowering &amp; Laying of Polyethylene DWC pipe of 315mm Dia</b>	1			10.540			10.540		46.020	56.560



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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 STP for Aurangabad City.

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Date	Particulars of work	DETAILS					Contract of amount	Estt. amount Page Quantity	Total Estt. Date Quantity	
		No			L	B				D
		GL	IL	EX.L						
	Item No. 30 :- Refilling the excavated trenches ...									
	<b>Total Excavation=</b>						17.360			
	<b>Deduction of 315mm dia pipe</b>									
	pipe area	1.000		0.785	10.040	0.315	0.315	0.782		
	soling							0.000		
	PCC							0.000		
	Murum bedding							0.818		
								1.600		
								15.759		
								77.871		
	<b>B5 to B6</b>							92.219		
	CH61.20	562.610	561.080	560.980			1.630			
	CH79.30	562.660	561.290	561.190			1.470	1.550		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			15.440	1.215	1.150	21.574	70.645	
	(b) For Lift 1.5m to 3.0m	1			15.440	0.815	0.050	0.629	10.181	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			15.440	1.215	0.150	2.814	9.215	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			15.440	1.215	0.200	3.752	12.286	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)									
		1			16.440	0.815	0.100	1.340	4.447	
	Item No. : 11 Transportation of earth Transportation charges									
							2.620	8.696		
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia									
		1			16.940			16.940	56.560	
	Item No. 30 :- Refilling the excavated trenches ...									
	<b>Total Excavation=</b>							28.769		
	<b>Deduction of 315mm dia pipe</b>									
	pipe area	1.000		0.785	16.440	0.315	0.315	1.281		
	soling							0.000		
	PCC							0.000		
	Murum bedding							1.340		
								2.620		
								26.148		
								93.630		
								119.779		



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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

Book No. :- 092  
Page No. :-

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Nageshwarwadi Bhoiwada Meas. Nageshwarwadi

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B	D		Page	Quantity		
		GL	IL	EX.L								
	B6 to B7											
	CH79.30	562.660	561.290	561.190			1.470	1.465				
	CH94.90	562.720	561.360	561.260			1.460					
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			12.940	0.815	1.115	11.759		92.219	103.977	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			12.940	0.815	0.150	1.582		12.029	13.610	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			12.940	0.815	0.200	2.109		16.038	18.147	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)											
	(a) For Lift 0 to 1.5m	1			13.940	0.815	0.100	1.136		5.787	6.923	
	Item No. : 11 Transportation of earth Transportation charges							2.222		11.317	13.539	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			14.440			14.440		73.500	87.940	
	Item No. 30 :- Refilling the excavated trenches ...											
	<b>Total Excavation=</b>							<b>15.450</b>				
	<b>Deduction of 315mm dia pipe</b>											
	pipe area	1.000		0.785	13.940	0.315	0.315	1.086				
	soling							0.000				
	PCC							0.000				
	Murrum bedding							1.136				
								2.222				
								<b>Net Qty = A - B</b>		<b>13.228</b>	<b>119.779</b>	<b>133.007</b>
	B7 to B8											
	CH94.90	562.720	561.360	561.260			1.460	1.420				
	CH109.50	562.820	561.540	561.440			1.380					
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc											
	(a) For Lift 0 to 1.5m	1			11.940	0.815	1.070	10.412		103.977	114.390	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			11.940	0.815	0.150	1.460		13.610	15.070	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			11.940	0.815	0.200	1.946		18.147	20.093	



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

Book No. :  
Page No. : 030

Date	Particulars of work	DETAILS						Contracted amount	Estt. Measurement Page Quantity	Tender Date Quantity
		No			L	B	D			
		GL	IL	EX.L						
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.940	0.815	0.100	1.855	6.523	7.177
	Item No. : 11 Transportation of earth Transportation charges							2.063	10.000	10.000
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			13.440			13.440	87.940	100.000
	Item No. 30 :- Refilling the excavated trenches ...									
	<b>Total Excavation=</b>							<b>13.818</b>		
	<b>Deduction of 315mm dia pipe</b>									
	pipe area	1.000		0.785	12.940	0.315	0.315	1.008		
	soling							0.000		
	PCC							0.000		
	Murum bedding							1.055		
								<b>2.063</b>		
								<b>11.756</b>	<b>133.007</b>	<b>144.711</b>
	<b>Net Qty = A - B</b>									
	B8 to B9									
	CH109.50	562.820	561.540	561.440			1.380			
	CH120.70	562.920	561.690	561.590			1.330	1.355		
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.									
	(a) For Lift 0 to 1.5m	1			8.540	0.815	1.005	6.995	114.390	121.385
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.									
	(a) For Lift 0 to 1.5m	1			8.540	0.815	0.150	1.044	15.070	16.114
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			8.540	0.815	0.200	1.392	20.093	21.485
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.540	0.815	0.100	0.778	7.977	8.755
	Item No. : 11 Transportation of earth Transportation charges							1.521	15.480	17.001
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.040			10.040	100.300	110.340
	Item No. 30 :- Refilling the excavated trenches ...									
	<b>Total Excavation=</b>							<b>9.420</b>		
	<b>Deduction of 315mm dia pipe</b>									
	pipe area	1.000		0.785	9.540	0.315	0.315	0.743		



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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 (Kachanwadi), 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

Book No :-  
Page No :-

094

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.778			
								1.521			
	Net Qty = A - B								7.910	144.762	152.673
	B9 to B10										
	CH120.70	562.920	561.690	561.590			1.330	1.290			
	CH133.70	563.120	561.970	561.870			1.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.670	0.815	0.940	8.174	121.385	129.559	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.670	0.815	0.150	1.304	16.114	17.419	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.670	0.815	0.200	1.739	21.485	23.225	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.470	0.815	0.100	0.935	8.755	9.690	
	Item No. : 11 Transportation of earth Transportation charges							1.828	17.122	18.950	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			11.970			11.970	111.420	123.390	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.218			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	11.470	0.315	0.315	0.893			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.935			
								1.828			
	Net Qty = A - B								9.390	152.673	162.062
	B10 to B11										
	CH133.70	563.120	561.970	561.870			1.250	1.175			
	CH151.10	563.300	562.300	562.200			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			15.700	0.750	0.825	9.714	129.559	139.273	



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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 at

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Date	Particulars of work	DETAILS						Content of meters	Estt measurement		Total Estt 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			15.700	0.750	0.150	1.766		27.428	28.185	
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			15.700	0.750	0.200	2.355		29.285	25.590	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.000	0.750	0.100	1.200		5.690	31.700	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.985		18.950	21.400	
	<b>Item No. 13 :-</b> (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			16.500			16.500		0.000	16.500	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...											
	<b>Total Excavation=</b>							13.836				
	<b>Deduction of 250mm dia pipe</b>											
	pipe area	1.000		0.785	16.000	0.250	0.250	0.785				
	soling							0.000				
	PCC							0.000				
	Murrum bedding							1.200				
								1.985				
								<b>Net Qty = A - B</b>		11.851	162.062	173.913
	<b>B8 to B8.1</b>											
	CH0.00	562.820	561.540	561.440			1.380					
	CH26.00	562.600	561.580	561.480			1.120	1.250				
	<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			24.150	0.700	0.900	15.215		139.273	154.488	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			24.150	0.700	0.150	2.536		19.285	21.721	
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			24.150	0.700	0.200	3.381		25.590	28.961	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			24.450	0.700	0.100	1.712		31.290	33.002	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							2.679		23.185	23.414	



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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

Book No. :-

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Nageshwarwadi Bhoiwada Meas. Nageshwarwadi

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. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			24.950			24.950		0.000	24.950
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>21.131</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	24.450	0.200	0.200	0.768			
	soling							0.000			
	PCC							0.000			
	Murum bedding							1.712			
								<b>2.479</b>			
								<b>Net Qty = A - B</b>			
								<b>18.652</b>		<b>173.913</b>	<b>192.565</b>
	<b>B8.1 to B8.2</b>										
	CH26.00	562.600	561.580	561.480			1.120	1.160			
	CH37.20	562.700	561.600	561.500			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.700	0.810	5.216		154.488	159.704
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.700	0.150	0.966		21.721	22.687
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.200	0.700	0.200	1.288		28.961	30.249
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.800	0.700	0.100	0.686		12.601	13.287
	Item No. : 11 Transportation of earth Transportation charges							0.994		23.414	24.408
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.300			10.300		24.950	35.250
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>7.470</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	9.800	0.200	0.200	0.308			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.686			
								<b>0.994</b>			
								<b>Net Qty = A - B</b>			
								<b>6.477</b>		<b>192.565</b>	<b>199.042</b>
	<b>B8.2 to B8.3</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 CRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Nageshwarwadi Bhoiwada Mess, Nageshwarwadi

Date	Particulars of work	DETAILS						Content of cans	Estt measurement Page/Quantity	Rate Base Quantity
		No			L	B	D			
		GL	IL	EX.L						
	CH37.20	562.700	561.600	561.500			1.200			
	CH47.00	562.650	561.850	561.750			0.900	1.850		
	<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			7.800	0.700	0.700	3.822	199.700	392.700
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			7.800	0.700	0.150	0.819	22.667	23.886
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			7.800	0.700	0.200	1.092	30.249	31.341
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.400	0.700	0.100	0.588	13.287	13.875
	<b>Item No. : 11</b> Transportation of earth Transportation charges							0.852	24.408	25.260
	<b>Item No. 13 :-</b> (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.900			8.900	35.250	44.150
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...									
	<b>Total Excavation=</b>							5.733		
	<b>Deduction of 200mm dia pipe</b>									
	pipe area	1.000		0.785	8.400	0.200	0.200	0.264		
	soling							0.000		
	PCC							0.000		
	Murrum bedding							0.588		
								0.852		
								<b>Net Qty = A - B</b>	4.881	199.642
	<b>B8.3 to B8.4</b>									
	CH47.00	562.650	561.850	561.750			0.900			
	CH55.00	562.680	562.030	561.930			0.750	0.825		
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc									
	(a) For Lift 0 to 1.5m	1			6.000	0.700	0.475	1.995	163.526	165.521
	(b) For Lift 1.5m to 3.0m	1			6.000	0.700	0.000	0.000	58.800	59.400
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			6.000	0.700	0.150	0.630	28.506	29.136
	<b>Item No. 4 :-</b> Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			6.000	0.700	0.200	1.300	31.341	32.181



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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 nine line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Nageshwarwadi Bhoiwada-Chember Nageshwarwadi

**9th R A BILL MEASUREMENTS OF CHEMBERS NAGESHWARWADI BHOIWADA**

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										
	<b>B1</b>										
	<b>CH0.00</b>	562.380	560.570	560.320			2.060				
	<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	7.075	1.150	6.387	0.000	6.387	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.560	3.110	0.000	3.110	
	<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	7.075	0.150	0.833	0.000	0.833	
	<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	7.075	0.200	1.111	0.000	1.111	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							3.192	0.000	3.192	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							11.441			
	<b>Deduction</b>										
	Brick work	1		0.785	1.310	1.310	1.810	2.438			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murrum bedding							0.000			
	<b>Total (B)</b>							3.192			
	<b>Net Qty = A - B</b>							8.249	0.000	8.249	
	<b>B2</b>										
	<b>CH23.80</b>	562.550	560.860	560.610			1.940				
	<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	7.075	1.150	6.387	6.387	12.774	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.440	2.444	3.110	5.554	



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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							
	<b>B4</b>										
	<b>CH49.50</b>	562.590	561.080	560.830			1.760				
	<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	7.075	1.150	6.387	19.161	25.548	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.260	1.444	7.498	8.942	
	<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	7.075	0.150	0.833	2.499	3.332	
	<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	7.075	0.200	1.111	3.332	4.443	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							2.788	9.132	11.920	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							9.775			
	<b>Deduction</b>										
	Brick work	1		0.785	1.310	1.310	1.510	2.034			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murrum bedding							0.000			
	<b>Total (B)</b>							2.788			
	<b>Net Qty = A - B</b>							6.987	23.358	30.345	
	<b>B5</b>										
	<b>CH61.20</b>	562.610	561.080	560.830			1.780				
	<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	7.075	1.150	6.387	25.548	31.935	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.280	1.555	8.942	10.497	
	<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	7.075	0.150	0.833	3.332	4.165	
	<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	7.075	0.200	1.111	4.443	5.554	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							2.815	11.920	14.735	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							9.886			
	<b>Deduction</b>										
	Brick work	1		0.785	1.310	1.310	1.530	2.061			



784/5

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling										
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murum bedding							0.000			
	<b>Total (B)</b>							2.815			
		Net Qty = A - B									
	<b>B6</b>							7.071	30.345	37.416	
	CH79.30	562.660	561.290	561.040			1.620				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.150	6.387	31.935	38.322	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.120	0.666	10.497	11.163	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833	4.165	4.998	
	<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	7.075	0.200	1.111	5.554	6.665	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							2.599	14.735	17.335	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							8.997			
	<b>Deduction</b>										
	Brick work	1		0.785	1.310	1.310	1.370	1.846			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murum bedding							0.000			
	<b>Total (B)</b>							2.599			
		Net Qty = A - B									
	<b>B7</b>							6.398	37.416	43.813	
	CH94.90	562.720	561.360	561.110			1.610				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.150	6.387	38.322	44.709	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.110	0.611	11.163	11.774	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833	4.998	5.832	
	<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	7.075	0.200	1.111	6.665	7.775	
	<b>Item No. : 11</b> Transportation of earth Transportation charges							2.586	17.335	19.921	



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Date	Particulars of work	DETAILS					Content of amount	Last measurement		Total upto Date Quantity	
		GL	No		L	B		D	Page		Quantity
			IL	EXL							
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						8.542				
	<b>Deduction</b>										
	Brick work	1		0.785	1.310	1.310	1.360	1.832			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murram bedding							0.000			
	<b>Total (B)</b>							2.586			
				Net Qty = A - B				6.356			
	<b>B8</b>										
	CH109.50	562.820	561.540	561.290			1.530				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.150	6.387	44.709		
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.030	0.167	11.774		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833	5.832		
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111	7.775		
	Item No. : 11 Transportation of earth Transportation charges							2.478	19.921		
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							8.497			
	<b>Deduction</b>										
	Brick work	1		0.785	1.310	1.310	1.280	1.724			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murram bedding							0.000			
	<b>Total (B)</b>							2.478			
				Net Qty = A - B				6.019	50.169		
	<b>B9</b>										
	CH120.70	562.920	561.690	561.440			1.480				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.130	6.276	50.846		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833	6.005		
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.200	1.111	8.006		



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Nageshwarwadi Bhoiwada-Chember Nageshwarwadi

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 charges							2.411		22.399	24.810
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>										
	<b>Deduction</b>							8.220			
	Brick work	1		0.785	1.310	1.310	1.230	1.657			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murum bedding							0.000			
	<b>Total (B)</b>							2.411			
								5.809		56.188	61.997
	<b>B10</b>										
	<b>CH133.70</b>	563.120	561.970	561.720			1.400				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.050	3.297		57.372	60.669
	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		7.498	7.969
	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	0.200	0.628		9.997	10.625
	Item No. : 11 Transportation of earth Transportation charges							1.692		24.810	26.502
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>										
	<b>Deduction</b>							4.396			
	Brick work	1		0.785	1.160	1.160	1.150	1.215			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	<b>Total (B)</b>							1.692			
								2.704		61.997	64.701
	<b>B8.1</b>										
	<b>CH26.00</b>	562.600	561.580	561.330			1.270				
	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	0.920	2.889		60.669	63.557
	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		7.969	8.440



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

Book No. :-  
Page No. :105

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Nageshwarwadi Bhowade-Chamber Nageshwarwadi

Date	Particulars of work	DETAILS					Content of meters	Last measurement		Total upto Date Quantity
		GL	No IL	EX.L	L	B		D	Page	
	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	0.200	0.628	38.625	39.253
	Item No. : 11 Transportation of earth Transportation charges							1.555	26.360	26.915
	Item No. 30 :- Refilling the excavated trenches ...									
	<b>Total Excavation(A)=</b>							3.988		
	<b>Deduction</b>									
	Brick work	1		0.785	1.160	1.160	1.020	1.077		
	soling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murum bedding							0.000		
	<b>Total (B)</b>							1.555		
								<b>Net Qty = A - B</b>	2.433	64.701
	<b>B8.2</b>									
	<b>CH37.20</b>	562.700	561.600	561.350			1.350			
	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	1.000	3.140	63.557	66.697
	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	8.440	8.911
	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	0.200	0.628	11.253	11.881
	Item No. : 11 Transportation of earth Transportation charges							1.640	28.057	29.697
	Item No. 30 :- Refilling the excavated trenches ...									
	<b>Total Excavation(A)=</b>							4.239		
	<b>Deduction</b>									
	Brick work	1		0.785	1.160	1.160	1.100	1.162		
	soling							0.000		
	PCC	1		0.785	1.560	1.560	0.250	0.478		
	Murum bedding							0.000		
	<b>Total (B)</b>							1.640		
								<b>Net Qty = A - B</b>	2.599	67.134
	<b>B8.3</b>									
	<b>CH47.00</b>	562.650	561.850	561.600			1.050			
	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	0.700	2.198	66.697	68.895



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

Book No. :-  
Page No. :-

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Nageshwarwadi Bhoiwada-Chember Nageshwarwadi

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			0.785	4.000	0.150	0.471		8.911	9.382
	<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	0.200	0.628		11.881	12.509
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.323		29.697	31.019
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							3.297			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.800	0.845			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.323			
		Net Qty = A - B						1.974		69.733	71.707
	<b>B8.4</b>										
	<b>CH55.00</b>	562.680	562.030	561.780			0.900				
	<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	0.550	1.727		68.895	70.622
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000		11.941	11.941
	<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		9.382	9.853
	<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	0.200	0.628		12.509	13.137
	<b>Item No. : 11</b> Transportation of earth Transportation charges							1.164		31.019	32.184
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							2.826			
	<b>Deduction</b>										
	Brick work	1		0.785	1.160	1.160	0.650	0.687			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	<b>Total (B)</b>							1.164			
		Net Qty = A - B						1.662		71.707	73.369



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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, 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.

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

QUANTITY ABSTRACT  
NAGESHWARWADI BHOIWADA

Sr. No.	Description	MB/PG	ITEM 1		ITEM 2		ITEM 4		ITEM 7		ITEM 11		ITEM 12				ITEM 13		ITEM 21		ITEM 30		ITEM 35		Extra Item 2		Extra Item 2.a Rebate
			0-1.5	1.5-3.0	0-1.5	0-1.5	0-1.5	0-1.5	200mm	250mm	315mm	200mm	250mm	315mm	200mm	250mm	315mm	0-2 m	Rebate	ITEM 30	ITEM 35	0-1.5 m	RR (3450)	Rebate			
1	For Pipe		165.521	10.810	24.136	32.181	14.337	14.337	25.929	51.250	16.500	16.500	123.390	16.500	123.390	16.500	123.390	16.500	123.390	9.000	-9.240	206.719	0.100	1.000	4.000	-5.560	
2	For Manhole		70.622	11.941	9.853	13.137	14.337	14.337	32.184	51.250	16.500	16.500	123.390	16.500	123.390	16.500	123.390	16.500	123.390	9.000	-9.240	280.088	0.100	1.000	4.000	-5.560	
	Total		236.143	22.751	33.989	45.318	14.337	14.337	58.113	51.250	16.500	16.500	123.390	16.500	123.390	16.500	123.390	16.500	123.390	9.000	-9.240	280.088	0.100	1.000	4.000	-5.560	



PMC



Project Engineer



Authorized Signatory

*[Signature]*  
Project Manager

Project Manager

CLIENT

*[Signature]*  
By-Engineer

By-Engineer

By-Engineer

By-Engineer

Sl. No.	Description	Quantity	Rate	Amount	Date	Total up to Date
9						
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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Rokdiya Hanuman Temple 300mm-MB RCC

**9th R A BILL MEASUREMENTS**

**ROKDIYA HANUMAN COLONY**

Date	Particulars of work	DETAILS					Content of area	Last measurement		TOTAL TO DATE	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	<b>RCC 300mm Dia</b>										
	<b>Width of Trench - For</b>										
	Bottom Lift 0.00-1.50m- 0.3+0.08+0.08+0.5=0.96m										
	From Bottom Lift 1.50m-3.00m- 0.3+0.08+0.08+0.5+0.4=1.36m										
	From Bottom Lift 3.00m-4.50m- 0.3+0.08+0.08+0.5+0.4+0.4 = 1.76m										
	<b>RHC 01 to RHC 02</b>										
	<b>CH0.00</b>	584.478	582.458	582.258			2.22	2.425			
	<b>CH18.50</b>	585.218	582.788	582.588			2.63				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			15.84	1.360	1.500	32.314	0.000	32.314	
	(b) For Lift 1.5m to 3.0m	1			15.84	0.960	0.925	14.066	0.000	14.066	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.84	0.960	0.200	3.041	0.000	3.041	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including							4.837	0.000	4.837	
	<b>Item No.17 :-Extra item</b> Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			17.5			17.500	0.000	17.500	
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							46.380			
	<b>Deduction</b>										
	pipe area	1		0.785	15.84	0.380	0.380	1.796			
	soling							0.000			
	PCC							0.000			
	Murum bedding							3.041			
	<b>Total = B</b>							4.837			
	<b>Net Qty = A - B</b>							41.543	0.000	41.543	
	<b>RHC 02 to RHC 03</b>										
	<b>CH18.50</b>	585.218	582.788	582.588			2.63	2.635			
	<b>CH39.50</b>	585.398	582.958	582.758			2.64				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			18.34	1.360	1.500	37.414	32.314	69.727	
	(b) For Lift 1.5m to 3.0m	1			18.34	0.960	1.135	19.983	14.066	34.049	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc	1			18.34	0.960	0.200	3.521	3.041	6.562	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including							5.600	4.837	10.437	
	<b>Item No.17 :-Extra item</b> Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			20.0			20.000	17.500	37.500	
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							57.397			
	<b>Deduction</b>										
	pipe area	1		0.785	18.34	0.380	0.380	2.879			
	soling							0.000			
	PCC							0.000			



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

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Rokdiya Hanuman Temple 300mm-MB RCC

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murum bedding							3.521			
	<b>Total = B</b>							<b>5.600</b>			
		<b>Net Qty = A - B</b>						<b>51.797</b>		<b>41.543</b>	<b>93.339</b>
	<b>RHC 03 to RHC 04</b>										
	CH39.50	585.398	582.958	582.758			2.64	2.570			
	CH48.00	585.528	583.228	583.028			2.50				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			5.84	1.360	1.500	11.914	69.727	81.641	
	(b) For Lift 1.5m to 3.0m	1			5.84	0.960	1.070	5.999	34.049	40.048	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.84	0.960	0.200	1.121	6.563	7.684	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including							1.783	10.437	12.220	
	<b>Item No.17 :-Extra item</b> Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			7.5			7.500	37.500	45.000	
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>17.912</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	5.84	0.380	0.380	0.662			
	soling							0.000			
	PCC							0.000			
	Murum bedding							1.121			
	<b>Total = B</b>							<b>1.783</b>			
		<b>Net Qty = A - B</b>						<b>16.129</b>		<b>93.339</b>	<b>109.469</b>
	<b>RHC 04 to RHC 05</b>										
	CH48.00	585.528	583.228	583.028			2.50	2.095			
	CH56.50	585.868	584.378	584.178			1.69				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			5.84	1.360	1.500	11.914	81.641	93.554	
	(b) For Lift 1.5m to 3.0m	1			5.84	0.960	0.595	3.336	40.048	43.384	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.84	0.960	0.200	1.121	7.684	8.805	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including							1.783	12.220	14.004	
	<b>Item No.17 :-Extra item</b> Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			7.5			7.500	45.000	52.500	
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>15.249</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	5.84	0.380	0.380	0.662			
	soling							0.000			
	PCC							0.000			
	Murum bedding							1.121			
	<b>Total = B</b>							<b>1.783</b>			
		<b>Net Qty = A - B</b>						<b>13.466</b>		<b>109.469</b>	<b>122.935</b>
	<b>RHC 05 to RHC 06</b>										
	CH56.50	585.868	584.378	584.178			1.69	1.835			
	CH62.50	586.308	584.528	584.328			1.98				



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

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

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Rokdiya Hanuman Temple 300mm-MB RCC

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all typesof soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			3.34	1.360	1.500	6.814		93.354	100.368
	(b) For Lift 1.5m to 3.0m	1			3.34	0.960	0.335	1.074		47.384	47.960
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.34	0.960	0.200	0.641		9.446	12.248
	<b>Item No. : 11</b> Transportation of earth Transportation charges including							1.020		14.004	15.023
	<b>Item No.17 :-Extra item</b> Lowering & Laying RCC NP3 class pipe of 300mm Dia	1					5.0	5.000		52.500	57.500
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							7.888			
	<b>Deduction</b>										
	pipe area	1		0.785	3.34	0.380	0.380	0.379			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.641			
	<b>Total = B</b>							1.020			
								<b>Net Qty = A - B</b>		6.868	122.935
	<b>RHC 06 to RHC 07</b>									122.935	129.803
	CH62.50	586.308	584.528	584.328			1.98				
	CH79.75	587.508	586.188	585.988			1.52	1.750			
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all typesof soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			14.59	1.360	1.500	29.764		100.368	130.132
	(b) For Lift 1.5m to 3.0m	1			14.59	0.960	0.250	3.502		44.458	47.960
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			14.59	0.960	0.200	2.801		9.446	12.248
	<b>Item No. : 11</b> Transportation of earth Transportation charges including							4.455		15.023	19.479
	<b>Item No.17 :-Extra item</b> Lowering & Laying RCC NP3 class pipe of 300mm Dia	1					16.3	16.250		57.500	73.750
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							33.265			
	<b>Deduction</b>										
	pipe area	1		0.785	14.59	0.380	0.380	1.654			
	soling							0.000			
	PCC							0.000			
	Murum bedding							2.801			
	<b>Total = B</b>							4.455			
								<b>Net Qty = A - B</b>		28.810	159.613
	<b>RHC 07 to RHC 08</b>									159.613	159.613
	CH79.75	587.508	586.188	585.988			1.52				
	CH87.00	588.033	586.633	586.433			1.60	1.560			
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all typesof soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			4.59	1.360	1.500	9.364		130.132	139.495
	(b) For Lift 1.5m to 3.0m	1			4.59	0.960	0.060	0.254		47.960	48.214



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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

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Rokdiya Hanuman Temple 300mm-MB RCC

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.59	0.960	0.200	0.881		12.248	13.129
	Item No. : 11 Transportation of earth Transportation charges including							1.402		19.479	20.880
	Item No.17 :-Extra item Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			6.3			6.250		73.750	80.000
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>9.628</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	4.59	0.380	0.380	0.520			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.881			
	<b>Total = B</b>							<b>1.402</b>			
	<b>Net Qty = A - B</b>							<b>8.226</b>		<b>158.613</b>	<b>166.839</b>
	<b>RHC 08 to RHC 09</b>										
	CH87.00	588.033	586.633	586.433			1.60	1.630			
	CH100.50	589.063	587.603	587.403			1.66				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			10.84	1.360	1.500	22.114		139.495	161.609
	(b) For Lift 1.5m to 3.0m	1			10.84	0.960	0.130	1.353		48.224	49.577
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.84	0.960	0.200	2.081		13.129	15.210
	Item No. : 11 Transportation of earth Transportation charges including							3.310		20.880	24.190
	Item No.17 :-Extra item Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			12.5			12.500		80.000	92.500
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>23.466</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	10.84	0.380	0.380	1.229			
	soling							0.000			
	PCC							0.000			
	Murum bedding							2.081			
	<b>Total = B</b>							<b>3.310</b>			
	<b>Net Qty = A - B</b>							<b>20.156</b>		<b>166.839</b>	<b>186.995</b>
	<b>RHC 09 to RHC 10</b>										
	CH100.50	589.063	587.603	587.403			1.66	1.675			
	CH115.25	589.903	588.413	588.213			1.69				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			12.09	1.360	1.500	24.664		161.609	186.272
	(b) For Lift 1.5m to 3.0m	1			12.09	0.960	0.175	2.031		49.577	51.608
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.09	0.960	0.200	2.321		15.210	17.532
	Item No. : 11 Transportation of earth Transportation charges including							3.692		24.190	27.882



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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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Rokdiya Hanuman Temple Meas. DWC

**9th R A BILL MEASUREMENTS DWC PIPE ROKDIYA HANUMAN COLONY**

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	DWC - 200mm Dia										
	Width of Trench -										
	For Lift 0 to 1.50m- 0.200+0.5=0.700m										
	For Lift 1.5 to 3.00m- 0.200+0.5+0.4=1.100m										
	For Lift 3.0 to 4.5m- 0.200+0.5+0.4+0.4=1.500m										
	RCH 01 to RCH 02										
	CH0.00	581.088	579.188	579.088			2.000	1.855			
	CH3.40	580.998	579.388	579.288			1.710				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.4	1.100	1.400	2.156	228.786	230.942	
	(b) For Lift 1.5m to 3.0m	1			1.4	0.700	0.355	0.348	55.409	55.757	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.4	1.100	0.100	0.154	0.000	0.154	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.0	0.700	0.100	0.140	21.533	21.673	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.203	34.245	34.448	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			2.50			2.500	0.000	2.500	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>2.658</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	2.000	0.200	0.200	0.063			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.140			
								0.203			
								<b>2.455</b>	<b>249.950</b>	<b>252.405</b>	
	RCH 02 to RCH 03										
	CH3.40	580.998	579.388	579.288			1.710	1.330			
	CH17.70	580.678	579.828	579.728			0.950				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.3	0.700	1.230	10.590	230.942	241.532	



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

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Rokdiya Hanuman Temple Meas. DWC

Date	Particulars of work	DETAILS						Content of returns	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			12.3	0.700	0.100	0.861		0.154	1.015
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.9	0.700	0.100	0.903		21.673	22.576
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							1.308		34.448	35.756
	<b>Item No. 13 :-</b> (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.40			13.400		2.500	15.900
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>11.451</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	12.900	0.200	0.200	0.405			
	soling							0.000			
	PCC							0.903			
	Murrum bedding							1.308			
	<b>Net Qty = A - B</b>							<b>10.143</b>		252.405	262.548
	<b>RCH 03 to RCH 04</b>										
	CH17.70	580.678	579.828	579.728				0.950	0.910		
	CH24.95	580.788	580.018	579.918				0.870			
	<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			5.3	0.700	0.810	2.977		241.532	244.509
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			5.3	0.700	0.100	0.368		1.015	1.383
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.9	0.700	0.100	0.410		22.576	22.985
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							0.593		35.756	36.350
	<b>Item No. 13 :-</b> (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.35			6.350		15.900	22.250
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>3.344</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	5.850	0.200	0.200	0.134			
	soling							0.000			
	PCC							0.900			
	Murrum bedding							0.410			



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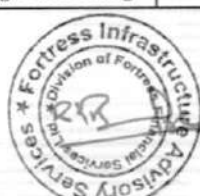
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**Name of Agency:-** M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Vencture)

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Rokdiya Hanuman Temple 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							
							0.593				
		Net Qty = A - B					2.751		262.548	265.299	
	<b>RCH 04 to RCH 05</b>										
	CH24.95	580.788	580.018	579.918			0.870				
	CH34.95	581.098	580.308	580.208			0.890	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			8.0	0.700	0.780	4.368	244.509	248.877	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.0	0.700	0.100	0.560	1.383	1.943	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			8.6	0.700	0.100	0.602	22.985	23.587	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							0.872	36.350	37.222	
	<b>Item No. 13 :-</b> (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.10			9.100	22.250	31.350	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>						4.928				
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	8.600	0.200	0.200	0.270			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.602			
								0.872			
		Net Qty = A - B					4.056		265.299	269.355	
	<b>RCH 05 to RCH 06</b>										
	CH34.95	581.098	580.308	580.208			0.890				
	CH39.05	581.138	580.298	580.198			0.940	0.915			
	<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			2.1	0.700	0.815	1.198	248.877	250.075	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.1	0.700	0.100	0.147	1.943	2.090	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)										
	(a) For Lift 0 to 1.5m	1			2.7	0.700	0.100	0.189	23.587	23.776	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							0.274	37.222	37.495	



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

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Rokdiya Hanuman Temple Meas. DWC

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Up-to Date Quantity	
		GL	No		L	B		D	Page		Quantity
			IL	EX.L							
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			3.20				3200	31.350	34.550
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>								<b>1.345</b>		
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	2.700	0.200	0.200		0.085		
	soling								0.000		
	PCC								0.000		
	Murum bedding								0.189		
									<b>0.274</b>		
	<b>Net Qty = A - B</b>								<b>1.071</b>	269.355	270.426
	<b>RCH 06 to RCH 07</b>										
	CH39.05	581.138	580.298	580.198			0.940		0.950		
	CH46.65	581.348	580.488	580.388			0.960				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.6	0.700	0.850		3.332	250.075	253.407
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.6	0.700	0.100		0.392	2.090	2.482
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.2	0.700	0.100		0.434	23.776	24.210
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading								0.629	37.495	38.124
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.70				6.700	34.550	41.250
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>								<b>3.724</b>		
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	6.200	0.200	0.200		0.195		
	soling								0.000		
	PCC								0.000		
	Murum bedding								0.434		
									0.629		
	<b>Net Qty = A - B</b>								<b>3.095</b>	270.426	273.522
	<b>RCH 07 to RCH 08</b>										
	CH46.65	581.348	580.488	580.388			0.960		0.980		
	CH54.35	581.568	580.668	580.568			1.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.7	0.700	0.880		3.511	253.407	256.918



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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

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Rokdiya Hanuman Temple 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							
	(b) For Lift 1.5m to 3.0m	1			5.7	0.700	0.000	0.000		55.757	55.757
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.7	0.700	0.100	0.399		2.482	2.881
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.3	0.700	0.100	0.441		24.210	24.651
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.639		38.124	38.763
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.80			6.800		41.250	48.050
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>3.910</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	6.300	0.200	0.200	0.198			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.441			
								<b>0.639</b>			
	<b>Net Qty = A - B</b>							<b>3.271</b>		<b>273.522</b>	<b>276.793</b>
	<b>RCH 08 to RCH 09</b>										
	CH54.35	581.568	580.668	580.568			1.000	0.960			
	CH64.75	581.708	580.888	580.788			0.920				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.4	0.700	0.860	5.057		256.918	261.975
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.4	0.700	0.100	0.588		2.881	3.469
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.0	0.700	0.100	0.630		24.651	25.281
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.913		38.763	39.675
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.50			9.500		48.050	57.550
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>5.645</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	9.000	0.200	0.200	0.283			
	soling							0.000			
	PCC							0.000			



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

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Rokdiya Hanuman Temple Mezz. 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							
	Murum bedding							0.630			
								0.913			
		Net Qty = A - B						4.732	276.745	281.525	
	<b>RCH 09 to RCH 10</b>										
	CH64.75	581.708	580.888	580.788			0.920	0.850			
	CH73.25	581.768	581.088	580.988			0.780				
	<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			6.5	0.700	0.750	3.413	261.975	265.388	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.5	0.700	0.100	0.455	3.469	3.924	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc	1			7.1	0.700	0.100	0.497	25.281	25.778	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							0.720	39.675	40.395	
	<b>Item No. 13 :-</b> (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.60			7.600	57.550	65.150	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							3.868			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	7.100	0.200	0.200	0.223			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.497			
								0.720			
		Net Qty = A - B						3.148	281.525	284.673	
	<b>RCH 10 to RCH 11</b>										
	CH73.25	581.768	581.088	580.988			0.780	0.785			
	CH81.35	581.958	581.268	581.168			0.790				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			6.1	0.700	0.685	2.925	265.388	268.313	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.1	0.700	0.100	0.427	3.924	4.351	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.7	0.700	0.100	0.469	25.778	26.247	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading							0.679	40.395	41.075	
	<b>Item No. 13 :-</b> (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.20			7.200	65.150	72.350	



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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						3.352				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	6.700	0.200	0.200	0.210			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.469			
								0.679			
								Net Qty = A - B			
								2.673	284.673	287.345	
	RCH 11 to RCH 12										
	CH81.35	581.958	581.268	581.168			0.790				
	CH88.60	581.998	581.398	581.298			0.700	0.745			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc (a) For Lift 0 to 1.5m										
		1			5.3	0.700	0.645	2.370	268.313	270.683	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m										
		1			5.3	0.700	0.100	0.368	4.351	4.718	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)										
		1			5.9	0.700	0.100	0.410	26.247	26.657	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.593	41.075	41.668	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia										
		1			6.35			6.350	72.350	78.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.738			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.850	0.200	0.200	0.184			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.410			
								0.593			
								Net Qty = A - B			
								2.145	287.345	289.490	
	RCH 12 to RCH 13										
	CH88.60	581.998	581.398	581.298			0.700				
	CH99.30	582.123	581.418	581.318			0.805	0.753			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc (a) For Lift 0 to 1.5m										
		1			8.7	0.700	0.653	3.974	270.683	274.657	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m										
		1			8.7	0.700	0.100	0.609	4.718	5.327	



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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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Rokdiya Hanuman Temple Meas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.3	0.700	0.100	0.651		26.657	27.308
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.943		41.658	42.611
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.80			9.800		78.700	88.500
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>4.583</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	9.300	0.200	0.200	0.292			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.651			
								<b>0.943</b>			
								<b>Net Qty = A - B</b>			
								<b>3.640</b>		<b>289.490</b>	<b>293.130</b>
	<b>RCH 13 to RCH 14</b>										
	CH99.30	582.123	581.418	581.318			0.805				
	CH107.90	582.118	581.458	581.358			0.760	0.783			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc (a) For Lift 0 to 1.5m	1			6.6	0.700	0.683	3.153		274.657	277.810
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete. (a) For Lift 0 to 1.5m	1			6.6	0.700	0.100	0.462		5.327	5.789
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.2	0.700	0.100	0.504		27.308	27.812
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.730		42.611	43.341
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.70			7.700		88.500	96.200
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>3.615</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.000		0.785	7.200	0.200	0.200	0.226			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.504			
								<b>0.730</b>			
								<b>Net Qty = A - B</b>			
								<b>2.885</b>		<b>293.130</b>	<b>296.015</b>
	<b>RCH 14 to RCH 15</b>										
	CH107.90	582.118	581.458	581.358			0.760				
	CH120.30	582.178	581.478	581.378			0.800	0.780			



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