

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			6.000	0.740	0.100	0.444		4.000	4.444
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.672		6.053	6.725
	Extra Item No. 9.2 (c):- Lowering & Laying of SWG pipe of 200mm Dia	1			6.500			6.500		56.550	63.050
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							2.987			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.00		0.785	6.000	0.220	0.220	0.23			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.44			
								0.67			
								<b>Net Qty = A - B</b>		26.54	28.86
	<b>NYH 07 to NYH 08</b>										
	CH68.45	608.022	607.512	607.412			0.610	0.610			
	CH76.35	608.022	607.512	607.412			0.610				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.900	0.740	0.300	1.310		14.204	15.514
	(b) For Lift 1.5m to 3.0m	1			5.900	0.740	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.900	0.740	0.310	1.353		18.868	20.222
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.500	0.740	0.100	0.481		4.444	4.925
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.728		6.725	7.453
	Extra Item No. 9.2 (c):- Lowering & Laying of SWG pipe of 200mm Dia	1			7.000			7.000		63.050	70.050
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							2.663			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.00		0.785	6.500	0.220	0.220	0.25			
	soling							0.00			



*[Handwritten signature]*

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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Nyay Nagar DWC-Meas. SW

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							0.00			
	Murrum bedding							0.48			
								0.73			
		Net Qty = A - B						1.94	28.86	30.79	
	<b>NYH 08 to NYH 09</b>										
	CH76.35	608.022	607.512	607.412			0.610	0.655			
	CH83.75	608.282	607.682	607.582			0.700				
	<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			5.400	0.740	0.300	1.199	15.514	16.713	
	(b) For Lift 1.5m to 3.0m	1			5.400	0.740	0.000	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			5.400	0.740	0.355	1.419	20.222	21.640	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.000	0.740	0.100	0.444	4.925	5.369	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							0.672	7.453	8.125	
	<b>Extra Item No. 9.2 (c):-</b> Lowering & Laying of SWG pipe of 200mm Dia	1			6.500			6.500	70.050	76.550	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							2.617			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.00		0.785	6.000	0.220	0.220	0.23			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.44			
								0.67			
		Net Qty = A - B						1.95	30.79	32.74	
	<b>NYH 09 to NYH 10</b>										
	CH83.75	608.282	607.682	607.582			0.700	0.520			
	CH95.25	608.542	608.302	608.202			0.340				
	<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			9.500	0.740	0.520	3.656	16.713	20.369	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.500	0.740	0.000	0.000	21.640	21.640	



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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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Nyay Nagar DWC-Meas. SW

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. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.500	0.740	0.000	0.000		2.509	2.509
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.100	0.740	0.100	0.747		5.369	6.116
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.131		8.125	9.256
	Extra Item No. 9.2 (c):- Lowering & Laying of SWG pipe of 200mm Dia	1			10.600			10.600		76.550	87.150
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>3.656</b>			
	<b>Deduction of 200mm dia pipe</b>										
	pipe area	1.00		0.785	10.100	0.220	0.220	0.38			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.75			
								<b>1.13</b>			
								<b>2.52</b>		<b>32.74</b>	<b>35.26</b>



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Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Safim 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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Nyay Nagar DWC-Mes. 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							
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.86			
								1.41			
		Net Qty = A - B						18.19		95.62	113.810
	NY 5 to NY 6										
	CH65.30	602.912	601.132	601.032			1.880	1.790			
	CH75.80	603.982	602.382	602.282			1.700				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.500	1.150	1.500	14.663	48.775	63.438	
	(b) For Lift 1.5m to 3.0m	1			8.500	0.750	0.290	1.849	0.000	1.849	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.100	0.750	0.100	0.683	10.594	11.276	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.129	16.663	17.792	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.600			9.600	61.700	71.300	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							16.511			
	Deduction										
	pipe area	1.00		0.785	9.100	0.250	0.250	0.45			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.68			
								1.13			
		Net Qty = A - B						15.38		113.81	129.193
	NY 6 to NY 7										
	CH75.80	603.982	602.382	602.282			1.700	1.453			
	CH88.50	603.922	602.817	602.717			1.205				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.700	0.750	1.353	10.858	63.438	74.296	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.700	0.750	0.100	0.803	3.927	4.730	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			11.300	0.750	0.100	0.848	11.276	12.124	



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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

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Nyay Nagar DWC-Mes. 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 &						1.402		17.792	19.194	
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			11.800		11.800		71.300	83.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>						<b>11.660</b>				
	<b>Deduction</b>										
	pipe area	1.00		0.785	11.300	0.250	0.250	0.55			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.85			
							<b>1.40</b>				
							<b>10.26</b>		129.19	139.451	
	<b>Net Qty = A - B</b>										
	NY 7 to NY 8										
	CH88.50	603.922	602.817	602.717			1.205				
	CH94.80	603.932	602.937	602.837			1.095	1.150			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.300	0.700	1.050	3.161	74.296	77.456	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.300	0.700	0.100	0.301	4.730	5.034	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.900	0.700	0.100	0.343	12.124	12.467	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.497	19.194	19.691	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.400			5.400	0.000	5.400	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>						<b>3.462</b>				
	<b>Deduction</b>										
	pipe area	1.00		0.785	4.900	0.200	0.200	0.15			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.34			
							<b>0.50</b>				
	<b>Net Qty = A - B</b>						<b>2.96</b>		139.45	142.416	



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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							
	Extra Work:- Breaking of Septic Tank RCC Slab	1			2.200	1.200	0.150	0.396		0.000	0.396
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.600	0.700	0.100	0.602		12.887	13.489
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.872		20.299	21.171
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.100			9.100		11.900	21.000
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia							0.000		83.100	83.100
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							<b>5.684</b>			
	<b>Deduction</b>										
	pipe area	1.00		0.785	8.600	0.200	0.200	0.27			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.60			
								<b>0.87</b>			
								<b>4.81</b>		146.08	150.891



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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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Nyay Nagar DWC-Chember Nyay Nagar

**9th R A BILL MEASURMENTS OF CHEMBERS NYAY NAGAR**

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		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										
	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 chember up to 1.5m=2 X 2=4m										
	<b>NY 1</b>										
	<b>CH0.00</b>	600.817	599.537	599.287			1.530				
	<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	0.285	0.895	0.000	0.895	
	<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	1.175	3.690	0.000	3.690	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.030	0.094	0.000	0.094	
	<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	0.040	0.126	0.000	0.126	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.830	0.000	1.830	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>4.804</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.280	1.35			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>						<b>1.83</b>				
		<b>Net Qty = A - B</b>						<b>2.97</b>	<b>0.000</b>	<b>2.975</b>	
	<b>NY 2</b>										
	<b>CH10.40</b>	601.427	599.837	599.587			1.840				
	<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	0.600	1.884	0.895	2.779	



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

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Nyay Nagar DWC-Chember Nyay Nagar

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>NY 4</b>										
	<b>CH52.50</b>	602.202	600.942	600.692			1.510				
	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	4.161	6.139	
	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	0.870	2.732	9.656	12.387	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.010	0.031	1.680	1.711	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.809	5.959	7.768	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>4.741</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.260	1.33			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>						<b>1.81</b>				
							<b>Net Qty = A - B</b>	<b>2.93</b>	<b>9.851</b>	<b>12.784</b>	
	<b>NY 5</b>										
	<b>CH65.30</b>	602.912	601.132	600.882			2.030				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.500	4.710	6.139	10.849	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.530	1.664	0.000	1.664	
	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	0.000	0.000	0.314	0.314	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.358	7.768	10.125	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>						<b>6.374</b>				
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.780	1.88			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>						<b>2.36</b>				
							<b>Net Qty = A - B</b>	<b>4.02</b>	<b>12.784</b>	<b>16.800</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

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Nyay Nagar DWC-Chember Nyay Nagar

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
NY 6											
CH75.80		603.982	602.382	602.132			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			0.785	4.000	1.400	4.396	10.849	15.245	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.350	1.099	1.664	2.763	
	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	0.314	0.628	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.168	10.125	12.293	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>5.809</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.600	1.69			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>2.17</b>			
		<b>Net Qty = A - B</b>							<b>3.64</b>	<b>16.800</b>	<b>20.441</b>
NY 7											
CH88.50		603.922	602.817	602.567			1.355				
	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	1.255	3.941	15.245	19.185	
	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	0.628	0.942	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.645	12.293	13.938	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.255</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.105	1.17			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.64</b>			
		<b>Net Qty = A - B</b>							<b>2.61</b>	<b>20.441</b>	<b>23.051</b>



*[Handwritten signature]*

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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Page No. :-

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Nyay Nagar DWC-Chember Nyay Nagar

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
NY 8											
CH94.80		603.932	602.937	602.687			1.245				
	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	1.145	3.595	19.185	22.781	
	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	0.942	1.256	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.529	13.938	15.466	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.909</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.995	1.05			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.53</b>			
		<b>Net Qty = A - B</b>							<b>2.38</b>	<b>23.051</b>	<b>25.432</b>
NY 9											
CH102.20		604.117	603.052	602.802			1.315				
	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	1.215	3.815	22.781	26.596	
	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	1.256	1.570	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.603	15.466	17.069	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>4.129</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	1.065	1.12			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.60</b>			
		<b>Net Qty = A - B</b>							<b>2.53</b>	<b>25.432</b>	<b>27.959</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 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

Book No. :-

Page No. :-

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Nyay Nagar DWC-Chamber Nyay Nagar

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>NY 10</b>											
<b>CH112.20</b>		604.117	603.352	603.102			1.015				
	<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	0.915	2.873	26.596	29.469	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	2.763	2.763	
	<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	0.000	0.000	12.387	12.387	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000	1.711	1.711	
	<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 including loading &							1.286	17.069	18.355	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>3.187</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.765	0.81			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.29</b>			
								<b>1.90</b>			
									<b>27.959</b>	<b>29.860</b>	
	<b>SW PIPE - 200 mm Dia</b>	<b>NYAY NAGAR NEAR HANUMAN TEMPLE</b>									
	<b>NYH 01</b>										
	<b>CH0.00</b>	607.052	606.147	605.897			1.155				
	<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	0.400	1.256	29.469	30.725	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	2.763	2.763	
	<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	0.605	1.900	12.387	14.287	
	<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	0.150	0.471	1.884	2.355	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.434	18.355	19.788	



*[Handwritten signature]*







**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 GRPDI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Nyay Nagar DWC-Chember Nyay Nagar

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>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	0.750	2.355		19.091	21.446	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.323		23.524	24.846	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...											
	<b>Total Excavation(A)=</b>							3.297				
	<b>Deduction</b>											
	Brick work	1.00		0.785	1.16	1.16	0.800	0.85				
	soling							0.00				
	PCC	1.00		0.785	1.56	1.56	0.25	0.48				
	Murrum bedding							0.00				
	<b>Total (B)</b>							1.32				
		<b>Net Qty = A - B</b>							1.97		37.518	39.492
	<b>NYH 06</b>											
	<b>CH61.05</b>	608.242	607.457	607.207			1.035					
	<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	0.300	0.942		35.121	36.063	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000		2.763	2.763	
	<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	0.735	2.308		21.446	23.754	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.307		24.846	26.153	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...											
	<b>Total Excavation(A)=</b>							3.250				
	<b>Deduction</b>											
	Brick work	1.00		0.785	1.16	1.16	0.785	0.83				
	soling							0.00				
	PCC	1.00		0.785	1.56	1.56	0.25	0.48				
	Murrum bedding							0.00				
	<b>Total (B)</b>							1.31				
		<b>Net Qty = A - B</b>							1.94		39.492	41.435
	<b>NYH 07</b>											
	<b>CH68.45</b>	608.022	607.512	607.262			0.760					
	<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	4.000	0.300	0.942		36.063	37.005	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000		2.763	2.763	



*[Handwritten signature]*



Date	Particulars of work	DETAILS					Content of arrears	Last measurment		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	0.460	1.444	23.754	25.199	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.016	26.153	27.169	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.386</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.510	0.54			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.02</b>			
		<b>Net Qty = A - B</b>							<b>1.37</b>	<b>41.435</b>	<b>42.806</b>
	<b>NYH 08</b>										
	<b>CH76.35</b>	608.022	607.512	607.262			0.760				
	<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	4.000	0.300	0.942	37.005	37.947	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	2.763	2.763	
	<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	0.460	1.444	25.199	26.643	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading &							1.016	27.169	28.186	
	<b>Item No. 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation(A)=</b>							<b>2.386</b>			
	<b>Deduction</b>										
	Brick work	1.00		0.785	1.16	1.16	0.510	0.54			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	<b>Total (B)</b>							<b>1.02</b>			
		<b>Net Qty = A - B</b>							<b>1.37</b>	<b>42.806</b>	<b>44.176</b>
	<b>NYH 09</b>										
	<b>CH83.75</b>	608.282	607.682	607.432			0.850				
	<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			0.785	4.000	0.300	0.942	37.947	38.889	
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000	2.763	2.763	



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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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9th R A BILL MEASURMENTS CHEMBER DETAILS

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30	
		No					
		CTL	IL	DEPTH			
	Extra Item No. :2 Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete						
A	NYAY NAGAR						
1	NY 1	600.817	599.537	1.280	1.500	-0.22	-3.67
2	NY 2	601.427	599.837	1.590	1.500	0.09	
3	NY 3	601.927	600.512	1.415	1.500	-0.08	
4	NY 4	602.202	600.942	1.260	1.500	-0.24	
5	NY 5	603.312	601.132	2.180	1.500	0.68	
6	NY 6	603.982	602.382	1.600	1.500	0.10	
7	NY 7	604.062	602.817	1.245	1.500	-0.25	
8	NY 8	604.072	602.937	1.135	1.500	-0.37	
9	NY 9	604.247	603.052	1.195	1.500	-0.31	
10	NY 10	604.352	603.352	1.000	1.500	-0.50	
	TOTAL					-1.10	-3.67
A	NYAY NAGAR NEAR HANUMAN TEMPLE						
1	NYH 01	607.052	606.147	0.905	1.500	-0.60	-20.73
2	NYH 02	607.392	606.672	0.720	1.500	-0.78	
3	NYH 03	607.432	606.682	0.750	1.500	-0.75	
4	NYH 04	607.902	607.002	0.900	1.500	-0.60	
5	NYH 05	608.052	607.252	0.800	1.500	-0.70	
6	NYH 06	608.242	607.457	0.785	1.500	-0.72	
7	NYH 07	608.352	607.512	0.840	1.500	-0.66	
8	NYH 08	608.502	607.512	0.990	1.500	-0.51	
9	NYH 09	608.852	607.682	1.170	1.500	-0.33	
10	NYH 10	609.222	608.302	0.920	1.500	-0.58	
	TOTAL				1.500	-6.22	-20.73



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

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

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

Date of Measurement
1

Nyay Nagar DWC-Quantity Abstract

**9th RA QUANTITY ABSTRACT**  
**NYAY NAGAR**

SR NO	Description	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 2.a	Extra Item		Extra Item No. 9.2
			0-1.5	1.5-3.0	0-1.5	1.5-3.0				200mm	250mm	200mm	250mm					No. 9.1	c	
1	For Pipe		86.473	1.849	75.456	2.315	6.365	13.489	21.171	21.000	83.100	21.000	83.100	150.891	0.100		Rebate	c	87.15	87.15
2	For Manhole		40.427	2.763	28.370	1.711	3.297	30.028	30.028					46.541		20.000	-24.400			
	<b>Total</b>		126.901	4.612	103.826	4.026	9.662	13.489	51.199	21.000	83.100	21.000	83.100	197.431	0.100	20.000	-24.400	87.15	87.15	87.15

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CONTRACTOR



PMC



Jr. Engineer

Dy. Engineer

CLIENT

Ex. Engineer

Tot: E