

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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Navabpura 400mm RCC. NAVABPURA-400mm

9th R A BILL MEASUREMENTS
BRANCH SEWER AT " NAVABPURA "

Date	Particulars of work	DETAILS						Content of area	Last measurment		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
BRANCH SEWER AT " NAVABPURA-400mm Dia"											
	Width of Trench - For Bottom Lift 0.00-1.50m- 0.4+0.15+0.15+0.5=1.2m										
	From Bottom Lift 1.50m-3.00m- 0.4+0.15+0.15+0.5+0.4=1.6m										
	From Bottom Lift 3.00m-4.50m- 0.4+0.15+0.15+0.5+0.4+0.4=2.0m										
	NP 16										
	CH222.50	587.851	584.991	584.791			3.06	3.220			
	CH238.80	588.280	585.100	584.900			3.38				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1				13.10	2.000	0.500	13.100	0.000	13.100
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1				13.10	2.000	0.900	23.580	0.000	23.580
	(b) For Lift 1.5m to 3.0m	1				13.10	1.600	1.500	31.440	0.000	31.440
	(c) For Lift 3.0m to 4.5m	1				13.10	1.200	0.220	3.458	0.000	3.458
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1				13.10	2.000	0.100	2.620	0.000	2.620
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1				13.10	1.200	0.200	3.144	0.000	3.144
	Item No. 11 Disposal of excavated material including loading the								6.255	0.000	6.255
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1				15.00			15.000	0.000	15.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A								74.198		
	Deduction										
	pipe area	1		0.785		13.10	0.550	0.550	3.11		
	soling								0.00		
	PCC								0.00		
	Murum bedding								3.14		
	Total = B								6.25		
		Net Qty = A - B							67.94	0.000	67.944
	NP 17										
	CH238.80	588.280	585.200	585.000			3.28	3.290			
	CH260.10	588.530	585.430	585.230			3.30				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1				18.10	2.000	0.400	14.480	13.100	27.580
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1				18.10	2.000	1.000	36.200	23.580	59.780
	(b) For Lift 1.5m to 3.0m	1				18.10	1.600	1.400	40.544	31.440	71.984
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1				18.10	2.000	0.100	3.620	2.620	6.240
	(b) For Lift 1.5m to 3.0m	1				18.10	1.600	0.100	2.896	0.000	2.896
	(c) For Lift 3.0m to 4.5m	1				18.10	1.200	0.290	6.299	0.000	6.299
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1				18.10	1.200	0.200	4.344	3.144	7.488



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Navabpura 400mm RCC, NAVABPURA-400mm



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Name of work :- Development of Underground Sewage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at 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

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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurment		TOTAL T DATE
		No	GL	IL	EXL	L	B	D	Page	Quantity	
	(a) For Lift 0 to 1.5m	1				19.05	1.600	0.100	3.048		15.7
	(b) For Lift 1.5m to 3.0m	1				19.05	1.200	0.535	12.230	12.736	40.2
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1				19.05	1.200	0.200	4.572	17.232	21.8
	Item No. 11 Disposal of excavated material including loading the								9.096	34.282	43.3
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1				20.00			20.000	77.500	97.50
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A								69.380		
	Deduction										
	pipe area	1			0.785	19.05	0.550	0.550	4.52		
	soling								0.00		
	PCC								0.00		
	Murum bedding								4.57		
	Total = B								9.10		
	Net Qty = A - B								60.28	305.624	365.90
	CH324.55	588.410	586.120	585.920				2.49	2.495		
	CH332.70	588.530	586.230	586.030				2.50			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1				6.55	1.600	0.800	8.384	73.700	82.084
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1				6.55	1.600	0.600	6.288	147.276	153.564
	(b) For Lift 1.5m to 3.0m	1				6.55	1.200	0.995	7.821	122.484	130.305
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1				6.55	1.600	0.100	1.048	15.784	16.832
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1				6.55	1.200	0.200	1.572	21.804	23.376
	Item No. 11 Disposal of excavated material including loading the								3.127	43.377	46.505
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1				7.50			7.500	97.500	105.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A								23.541		
	Deduction										
	pipe area	1			0.785	6.55	0.550	0.550	1.56		
	soling								0.00		
	PCC								0.00		
	Murum bedding								1.57		
	Total = B								3.13		
	Net Qty = A - B								20.41	365.908	386.321
	NP 20										
	CH332.70	588.530	586.430	586.230				2.30	2.500		
	CH348.35	589.010	586.510	586.310				2.70			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1				14.05	1.600	0.700	15.736	82.084	97.820
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										



Signature

Name of work:- Development of Sewerage Collection system for Zone I to VI and Zone Salim Ali Garden, 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.

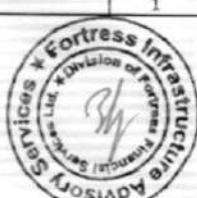
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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurment		TOTAL TO DATE
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	(a) For Lift 0 to 1.5m	1			14.05	1.600	0.700	15.736		153.564	169.300
	(b) For Lift 1.5m to 3.0m	1			14.05	1.200	0.600	10.116		130.305	140.421
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			14.05	1.600	0.100	2.248		16.832	19.080
	(b) For Lift 1.5m to 3.0m	1			14.05	1.200	0.400	6.744		40.284	47.028
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			14.05	1.200	0.200	3.372		23.376	26.748
	Item No. 11 Disposal of excavated material including loading the							6.708		46.505	53.213
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			15.00			15.000		105.000	120.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							50.580			
	Deduction										
	pipe area	1		0.785	14.05	0.550	0.550	3.34			
	soling							0.00			
	PCC							0.00			
	Murum bedding							3.37			
	Total = B							6.71			
	Net Qty = A - B							43.87		386.321	430.193
	CH348.35	589.010	586.510	586.310			2.70	2.825			
	CH371.50	589.375	586.625	586.425			2.95				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			21.55	1.600	0.400	13.792		97.820	111.612
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			21.55	1.600	1.000	34.480		169.300	203.780
	(b) For Lift 1.5m to 3.0m	1			21.55	1.200	0.700	18.102		140.421	158.523
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			21.55	1.600	0.100	3.448		19.080	22.528
	(b) For Lift 1.5m to 3.0m	1			21.55	1.200	0.625	16.163		47.028	63.191
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			21.55	1.200	0.200	5.172		26.748	31.920
	Item No. 11 Disposal of excavated material including loading the							10.289		53.213	63.503
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			22.50			22.500		120.000	142.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							85.984			
	Deduction										
	pipe area	1		0.785	21.55	0.550	0.550	5.12			
	soling							0.00			
	PCC							0.00			
	Murum bedding							5.17			
	Total = B							10.29			
	Net Qty = A - B							75.70		430.193	505.888
	NP 21										
	CH371.50	589.375	586.975	586.775			2.60	2.698			
	CH389.65	589.931	587.335	587.135			2.80				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.55	1.600	0.400	10.592		111.612	122.204



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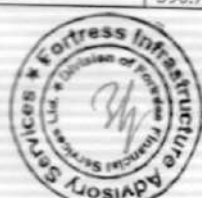
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Navabpura 400mm RCC, NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurment		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.55	1.600	1.000	26.480		203.780	230.260
	(b) For Lift 1.5m to 3.0m	1			16.55	1.200	0.300	5.958		158.523	164.481
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			16.55	1.600	0.100	2.648		22.528	25.176
	(b) For Lift 1.5m to 3.0m	1			16.55	1.200	0.898	17.834		63.191	81.025
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.55	1.200	0.200	3.972		31.920	35.892
	Item No.: 11 Disposal of excavated material including loading the							7.902		63.503	71.405
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			17.50			17.500		142.500	160.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							63.512			
	Deduction										
	pipe area	1		0.785	16.55	0.550	0.550	3.93			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							3.97			
	Total = B							7.90			
		Net Qty = A - B						55.61		505.888	561.498
	CH389.65	589.931	587.335	587.135			2.80	2.923			
	CH407.80	590.485	587.635	587.435			3.05				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.55	1.600	0.400	10.592		122.204	132.796
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.55	1.600	1.000	26.480		230.260	256.740
	(b) For Lift 1.5m to 3.0m	1			16.55	1.200	0.600	11.916		164.481	176.397
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			16.55	1.600	0.100	2.648		25.176	27.824
	(b) For Lift 1.5m to 3.0m	1			16.55	1.200	0.823	16.345		81.025	97.370
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			16.55	1.200	0.200	3.972		35.892	39.864
	Item No.: 11 Disposal of excavated material including loading the							7.902		71.405	79.307
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			17.50			17.500		160.000	177.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							67.981			
	Deduction										
	pipe area	1		0.785	16.55	0.550	0.550	3.93			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							3.97			
	Total = B							7.90			
		Net Qty = A - B						60.08		561.498	621.577
	NP 22										
	CH407.80	590.485	587.835	587.635			2.85	2.927			
	CH420.95	590.715	587.912	587.712			3.00				



Signature

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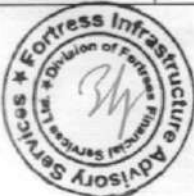
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Navabpura 400mm RCC. NAVABPURA-400mm

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. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.55	1.600	0.500	9.240		132.796	142.036
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.55	1.600	0.900	16.632		256.740	273.372
	(b) For Lift 1.5m to 3.0m	1			11.55	1.200	0.900	12.474		176.397	188.871
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.55	1.600	0.100	1.848		27.824	29.672
	(b) For Lift 1.5m to 3.0m	1			11.55	1.200	0.527	7.304		97.370	104.674
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			11.55	1.200	0.200	2.772		39.864	42.636
	Item No.: 11 Disposal of excavated material including loading the							5.515		79.307	84.821
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			12.50			12.500		177.500	190.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							47.498			
	Deduction										
	pipe area	1		0.785	11.55	0.550	0.550	2.74			
	soling							0.00			
	PCC							0.00			
	Murum bedding							2.77			
	Total = B							5.51			
		Net Qty = A - B						41.98		621.577	663.561
	CH420.95	590.715	587.912	587.712			3.00	3.082			
	CH434.10	590.945	587.985	587.785			3.16				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.55	1.600	0.500	9.240		142.036	151.276
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.55	1.600	0.900	16.632		273.372	290.004
	(b) For Lift 1.5m to 3.0m	1			11.55	1.200	1.100	15.246		188.871	204.117
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			11.55	1.600	0.100	1.848		29.672	31.520
	(b) For Lift 1.5m to 3.0m	1			11.55	1.200	0.400	5.544		104.674	110.218
	(c) For Lift 3.0m to 4.5m	1			11.55	1.200	0.082	1.137		6.299	7.435
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			11.55	1.200	0.200	2.772		42.636	45.408
	Item No.: 11 Disposal of excavated material including loading the							5.515		84.821	90.336
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			12.50			12.500		190.000	202.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							49.647			
	Deduction										
	pipe area	1		0.785	11.55	0.550	0.550	2.74			
	soling							0.00			
	PCC							0.00			
	Murum bedding							2.77			
	Total = B							5.51			
		Net Qty = A - B						44.13		663.561	707.693
	NP 23										



Signature

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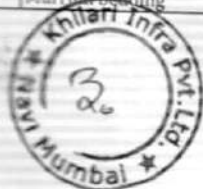
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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurment		TOTAL TO DATE
		GL	IL	EX.L	L	B	D		Page	Quantity	
	CH434.10	590.945	587.985	587.785			3.16				
	CH480.40	591.095	588.115	587.915			3.18	3.170			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			43.10	2.000	0.500	43.100		151.276	194.376
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			43.10	2.000	0.900	77.580		290.004	367.584
	(b) For Lift 1.5m to 3.0m	1			43.10	1.600	1.000	68.960		204.117	273.077
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			43.10	2.000	0.100	8.620		31.520	40.140
	(b) For Lift 1.5m to 3.0m	1			43.10	1.600	0.500	34.480		110.218	144.698
	(c) For Lift 3.0m to 4.5m	1			43.10	1.200	0.170	8.792		7.435	16.228
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			43.10	1.200	0.200	10.344		45.408	55.752
	Item No. 11 Disposal of excavated material including loading the							20.579		90.336	110.915
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			45.00			45.000		202.500	247.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							241.532			
	Deduction										
	pipe area	1		0.785	43.10	0.550	0.550	10.23			
	soling							0.00			
	PCC							0.00			
	Murum bedding							10.34			
	Total = B							20.58			
	Net Qty = A - B							220.95		707.693	928.646
	NP 24										
	CH480.40	591.095	588.115	587.915			3.18				
	CH499.20	591.200	588.155	587.955			3.25	3.213			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.60	2.000	0.700	21.840		194.376	216.216
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.60	2.000	0.700	21.840		367.584	389.424
	(b) For Lift 1.5m to 3.0m	1			15.60	1.600	1.500	37.440		273.077	310.517
	(c) For Lift 3.0m to 4.5m	1			15.60	1.200	0.213	3.987		3.458	7.446
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.60	2.000	0.100	3.120		40.140	43.260
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.60	1.200	0.200	3.744		55.752	59.496
	Item No. 11 Disposal of excavated material including loading the							7.448		110.915	118.363
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			17.50			17.500		247.500	265.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							88.227			
	Deduction										
	pipe area	1		0.785	15.60	0.550	0.550	3.70			
	soling							0.00			
	PCC							0.00			
	Murum bedding							3.74			



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

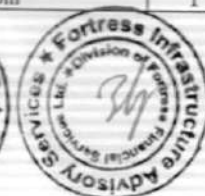
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Navabpura 400mm RCC, NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	H		Page	Quantity	
	Deduction										
	pipe area	1		0.785	28.10	0.550	0.550	6.67			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.74			
	Total = B							13.42			
								146.58		1166.059	1312.643
	NP 27										
13/05/2016	CH561.80	592.080	589.360	589.160			2.92	3.145			
	CH595.60	592.660	589.490	589.290			3.37				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			30.60	2.000	0.750	45.900		322.996	368.896
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			30.60	2.000	0.650	39.780		440.004	479.784
	(b) For Lift 1.5m to 3.0m	1			30.60	1.600	1.370	67.075		440.901	507.976
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			30.60	2.000	0.100	6.120		54.500	60.620
	(b) For Lift 1.5m to 3.0m	1			30.60	1.600	0.130	6.365		144.698	151.063
	(c) For Lift 3.0m to 4.5m	1			30.60	1.200	0.145	5.324		16.228	21.552
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			30.60	1.200	0.200	7.344		72.984	80.328
	Item No. 11 Disposal of excavated material including loading the							14.610		145.196	159.807
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			32.50			32.500		325.000	357.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							170.564			
	Deduction										
	pipe area	1		0.785	30.60	0.550	0.550	7.27			
	soling							0.00			
	PCC							0.00			
	Murum bedding							7.34			
	Total = B							14.61			
								155.95		1312.643	1468.597
	NP 28										
14/05/2016	CH595.60	592.660	589.580	589.380			3.28	3.305			
	CH626.90	592.830	589.700	589.500			3.33				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	2.000	0.400	22.480		368.896	391.376
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	2.000	1.000	56.200		479.784	535.984
	(b) For Lift 1.5m to 3.0m	1			28.10	1.600	0.500	22.480		507.976	530.456
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	2.000	0.100	5.620		60.620	66.240
	(b) For Lift 1.5m to 3.0m	1			28.10	1.600	0.850	38.216		151.063	189.279
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			28.10	1.600	0.150	6.744		0.000	6.744
	(c) For Lift 3.0m to 4.5m	1			28.10	1.200	0.305	10.285		0.000	10.285



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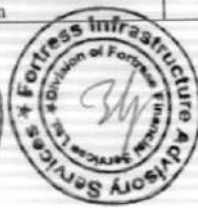
Name of work:- Development of Sewerage Collection system for Zone I to VI and Zone Salim Ali, Construction, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, 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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Navabpura 400mm RCC. NAVABPURA-400mm

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	1			28.10	1.200	0.200	6.744		80.328	87.072
	Item No.: 11 Disposal of excavated material including loading the							13.417		159.807	173.223
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			30.00			30.000		357.500	387.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							162.025			
	Deduction										
	pipe area	1		0.785	28.10	0.550	0.550	6.67			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.74			
	Total = B							13.42			
		Net Qty = A - B						148.61		1468.597	1617.205
	NP 29										
17/05/2016	CH626.90	592.830	590.260	590.060			2.77	2.815			
	CH650.70	592.950	590.290	590.090			2.86				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			20.60	1.600	0.675	22.248		391.376	413.624
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			20.60	1.600	0.725	23.896		535.984	559.880
	(b) For Lift 1.5m to 3.0m	1			20.60	1.200	0.875	21.630		530.456	552.086
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			20.60	1.600	0.100	3.296		66.240	69.536
	(b) For Lift 1.5m to 3.0m	1			20.60	1.200	0.440	10.877		189.279	200.155
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			20.60	1.200	0.200	4.944		87.072	92.016
	Item No.: 11 Disposal of excavated material including loading the							9.836		173.223	183.059
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			22.50			22.500		387.500	410.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							81.947			
	Deduction										
	pipe area	1		0.785	20.60	0.550	0.550	4.89			
	soling							0.00			
	PCC							0.00			
	Murum bedding							4.94			
	Total = B							9.84			
		Net Qty = A - B						72.11		1617.205	1689.316
	NP 30										
19/05/2016	CH650.70	592.950	590.290	590.090			2.86	2.930			
	CH682.00	593.210	590.410	590.210			3.00				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.800	35.968		413.624	449.592
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.600	26.976		559.880	586.856
	(b) For Lift 1.5m to 3.0m	1			28.10	1.200	1.100	37.092		552.086	589.178
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.100	4.496		69.536	74.032



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, Erecting, 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 Nakshirawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(b) For Lift 1.5m to 3.0m	1			28.10	1.200	0.330	11.128		200.155	211.283
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			28.10	1.200	0.200	6.744		92.016	98.760
	Item No.: 11 Disposal of excavated material including loading the							13.417		183.059	196.476
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			30.00			30.000		410.000	440.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							115.660			
	Deduction										
	pipe area	1		0.785	28.10	0.550	0.550	6.67			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.74			
	Total = B							13.42			
				Net Qty = A - B				102.24		1689.316	1791.559
21/05/2016	NP 31										
	CH682.00	593.210	590.410	590.210			3.00	3.100			
	CH713.30	593.530	590.530	590.330			3.20				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	1.200	53.952		449.592	503.544
	(b) For Lift 1.5m to 3.0m	1			28.10	1.200	0.200	6.744		4.496	11.240
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.200	8.992		586.856	595.848
	(b) For Lift 1.5m to 3.0m	1			28.10	1.200	1.300	43.836		589.178	633.014
	(c) For Lift 3.0m to 4.5m	1			28.10	1.200	0.100	3.372		34.017	37.389
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.100	4.496		74.032	78.528
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			28.10	1.200	0.200	6.744		98.760	105.504
	Item No.: 11 Disposal of excavated material including loading the							13.417		196.476	209.893
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			30.00			30.000		440.000	470.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							121.392			
	Deduction										
	pipe area	1		0.785	28.10	0.550	0.550	6.67			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.74			
	Total = B							13.42			
				Net Qty = A - B				107.98		1791.559	1899.535
22/05/2016	NP 32										
	CH713.30	593.530	590.830	590.630			2.90	3.075			
	CH744.60	594.010	590.960	590.760			3.25				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	1.200	53.952		503.544	557.496
	(b) For Lift 1.5m to 3.0m	1			28.10	1.200	0.300	10.116		11.240	21.356
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										



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

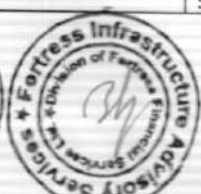
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Name of Agency:- M/s Khilari Infrastructure Pvt Ltd. & GFCPL (Joint Venture)

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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		GL	No IL	EXL	L	B	D		Page	Quantity	
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.200	8.992		595.848	604.840
	(b) For Lift 1.5m to 3.0m	1			28.10	1.200	1.200	40.464		633.014	673.478
	(c) For Lift 3.0m to 4.5m	1			28.10	1.200	0.075	2.529		37.389	39.918
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			28.10	1.600	0.100	4.496		78.528	83.024
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			28.10	1.200	0.200	6.744		105.504	112.248
	Item No.: 11 Disposal of excavated material including loading the							13.417		209.893	223.309
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			30.00			30.000		470.000	500.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							120.549			
	Deduction										
	pipe area	1		0.785	28.10	0.550	0.550	6.67			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.74			
	Total = B							13.42			
	Net Qty = A - B							107.13		1899.535	2006.667
	NP 33										
23/05/2016	CH744.60	594.010	590.960	590.760			3.25	3.275			
	CH773.40	594.170	591.070	590.870			3.30				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	2.000	1.200	61.440		557.496	618.936
	(b) For Lift 1.5m to 3.0m	1			25.60	1.600	0.200	8.192		21.356	29.548
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	2.000	0.200	10.240		604.840	615.080
	(b) For Lift 1.5m to 3.0m	1			25.60	1.600	1.300	53.248		673.478	726.726
	(c) For Lift 3.0m to 4.5m	1			25.60	1.200	0.275	8.448		39.918	48.366
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	2.000	0.100	5.120		83.024	88.144
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			25.60	1.200	0.200	6.144		112.248	118.392
	Item No.: 11 Disposal of excavated material including loading the							12.223		223.309	235.532
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			27.50			27.500		500.000	527.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							146.688			
	Deduction										
	pipe area	1		0.785	25.60	0.550	0.550	6.08			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.14			
	Total = B							12.22			
	Net Qty = A - B							134.46		2006.667	2141.132
	NP 34										
25/05/2016	CH773.40	594.170	591.070	590.870			3.30	3.350			
	CH799.70	594.360	591.160	590.960			3.40				



Signature

Name of work:- Development of Underground Sewage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi, Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, 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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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.10	2.000	1.200	55.440		618.936	674.376
	(b) For Lift 1.5m to 3.0m	1			23.10	1.600	0.500	18.480		29.548	48.028
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.10	2.000	0.200	9.240		615.080	624.320
	(b) For Lift 1.5m to 3.0m	1			23.10	1.600	1.000	36.960		726.726	763.686
	(c) For Lift 3.0m to 4.5m	1			23.10	1.200	0.350	9.702		48.366	58.068
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			23.10	2.000	0.100	4.620		88.144	92.764
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			23.10	1.200	0.200	5.544		118.392	123.936
	Item No. 11 Disposal of excavated material including loading the							11.029		235.532	246.562
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			25.00			25.000		527.500	552.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							134.442			
	Deduction										
	pipe area	1		0.785	23.10	0.550	0.550	5.49			
	soling							0.00			
	PCC							0.00			
	Murum bedding							5.54			
	Total = B							11.03			
								Net Qty = A - B			
								123.41		2141.132	2264.544
	NP 35										
27/05/2016	CH799.70	594.360	591.160	590.960			3.40				
	CH826.00	594.260	591.260	591.060			3.20	3.300			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.10	2.000	1.200	55.440		674.376	729.816
	(b) For Lift 1.5m to 3.0m	1			23.10	1.600	0.400	14.784		48.028	62.812
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			23.10	2.000	0.200	9.240		624.320	633.560
	(b) For Lift 1.5m to 3.0m	1			23.10	1.600	1.100	40.656		763.686	804.342
	(c) For Lift 3.0m to 4.5m	1			23.10	1.200	0.300	8.316		58.068	66.384
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			23.10	2.000	0.100	4.620		92.764	97.384
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			23.10	1.200	0.200	5.544		123.936	129.480
	Item No. 11 Disposal of excavated material including loading the							11.029		246.562	257.591
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			25.00			25.000		552.500	577.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							133.056			
	Deduction										
	pipe area	1		0.785	23.10	0.550	0.550	5.49			
	soling							0.00			
	PCC							0.00			



Signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali Constructing, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, Chik (Aarey), Constriction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Aarey), 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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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murrum bedding							5.54			
	Total = B							11.03			
		Net Qty = A - B						122.03		2264.544	2386.571
	NP 36										
28/05/2016	CH826.00	594.260	591.260	591.060			3.20	3.000			
	CH854.80	593.970	591.370	591.170			2.80				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	1.200	49.152		729.816	778.968
	(b) For Lift 1.5m to 3.0m	1			25.60	1.200	0.400	12.288		62.812	75.100
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	0.200	8.192		633.560	641.752
	(b) For Lift 1.5m to 3.0m	1			25.60	1.200	1.100	33.792		804.342	838.134
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	0.100	4.096		97.384	101.480
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			25.60	1.200	0.200	6.144		129.480	135.624
	Item No.: 11 Disposal of excavated material including loading the							12.223		257.591	269.814
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			27.50			27.500		577.500	605.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							107.520			
	Deduction										
	pipe area	1		0.785	25.60	0.550	0.550	6.08			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							6.14			
	Total = B							12.22			
		Net Qty = A - B						95.30		2386.571	2481.868
	NP 37										
03/06/2016	CH854.80	593.970	591.370	591.170			2.80	2.750			
	CH883.60	593.960	591.460	591.260			2.70				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	1.200	49.152		778.968	828.120
	(b) For Lift 1.5m to 3.0m	1			25.60	1.200	0.200	6.144		75.100	81.244
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	0.200	8.192		641.752	649.944
	(b) For Lift 1.5m to 3.0m	1			25.60	1.200	1.050	32.256		838.134	870.390
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	0.100	4.096		101.480	105.576
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			25.60	1.200	0.200	6.144		135.624	141.768
	Item No.: 11 Disposal of excavated material including loading the							12.223		269.814	282.037
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			27.50			27.500		605.000	632.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							99.840			
	Deduction										
	pipe area	1		0.785	25.60	0.550	0.550	6.08			



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, Erecting, 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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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.14			
	Total = B							12.22			
								87.62		2481.868	2569.485
	NP 38										
04/06/2016	CH883.60	593.960	591.460	591.260			2.70	2.600			
	CH912.40	593.880	591.580	591.380			2.50				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	1.200	49.152		828.120	877.272
	(b) For Lift 1.5m to 3.0m	1			25.60	1.200	0.300	9.216		81.244	90.460
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	0.200	8.192		649.944	658.136
	(b) For Lift 1.5m to 3.0m	1			25.60	1.200	0.800	24.576		870.390	894.966
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			25.60	1.600	0.100	4.096		105.576	109.672
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			25.60	1.200	0.200	6.144		141.768	147.912
	Item No. 11 Disposal of excavated material including loading the							12.223		282.037	294.260
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			27.50			27.500		632.500	660.000
	Item No 30 :- Refilling the excavated trenches ...							95.232			
	Total Excavation = A										
	Deduction										
	pipe area	1		0.785	25.60	0.550	0.550	6.08			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.14			
	Total = B							12.22			
								83.01		2569.485	2652.494
	NP 39										
06/06/2016	CH912.40	593.880	591.580	591.380			2.50	2.300			
	CH931.20	593.560	591.660	591.460			2.10				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.60	1.600	1.200	29.952		877.272	907.224
	(b) For Lift 1.5m to 3.0m	1			15.60	1.200	0.200	3.744		90.460	94.204
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.60	1.600	0.200	4.992		658.136	663.128
	(b) For Lift 1.5m to 3.0m	1			15.60	1.200	0.600	11.232		894.966	906.198
	(c) For Lift 3.0m to 4.5m	1			15.60	1.200	0.000	0.000		66.384	66.384
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.60	1.600	0.100	2.496		109.672	112.168
	(b) For Lift 1.5m to 3.0m	1			15.60	1.200	0.000	0.000		211.283	211.283
	(c) For Lift 3.0m to 4.5m	1			15.60	1.200	0.000	0.000		21.552	21.552
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(a) For Lift 0m to 1.5m	1			15.60	1.600	0.000	0.000		0.000	0.000
	(b) For Lift 1.5m to 3.0m	1			15.60	1.200	0.000	0.000		6.744	6.744
	(c) For Lift 3.0m to 4.5m	1			15.60	1.200	0.000	0.000		10.285	10.285



Signature

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

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

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

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Navabpura 400mm RCC. NAVABPURA-400mm

Date	Particulars of work	DETAILS						Content of area	Last measurment		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			15.60	1.200	0.200	3.744		147.912	151.656
	Item No.: 11 Disposal of excavated material including loading the							7.448		294.260	301.709
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			17.50			17.500		660.000	677.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							52.416			
	Deduction										
	pipe area	1		0.785	15.60	0.550	0.550	3.70			
	soling							0.00			
	PCC							0.00			
	Murum bedding							3.74			
	Total = B							7.45			
		Net Qty = A - B						44.97		2652.494	2697.461



[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, Erecting, 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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Navabpura 400mm RCC. 300mm, 250mm Dia

9th R A BILL MEASUREMENTS
BRANCH SEWER AT " NAVABPURA "

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	300mm dia-RCC										
	Width of Trench - For										
	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										
	NP20 to NP20.1										
	CH0.00	588.530	586.830	586.630			1.900	1.875			
	CH18.80	588.575	586.925	586.725			1.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.87	1.360	1.100	23.742		907.224	930.966
	(b) For Lift 1.5m to 3.0m	1			15.87	0.960	0.075	1.143		94.204	95.347
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.87	1.360	0.300	6.475		663.128	669.603
	(b) For Lift 1.5m to 3.0m	1			15.87	0.960	0.300	4.571		906.198	910.769
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.87	1.360	0.100	2.158		112.168	114.326
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.87	0.960	0.200	3.047		151.656	154.703
	Item No. : 11 Transportation of earth Transportation charges including							4.846		301.709	306.555
	Extra item no.:-9.4) Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			17.50			17.500		0.000	17.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							38.088			
	Deduction										
	pipe area	1		0.785	15.87	0.380	0.380	1.80			
	soling							0.00			
	PCC							0.00			
	Murum bedding							3.05			
	Total = B							4.85			
	Net Qty = A - B							33.24		2697.461	2730.703
	250mm dia -RCC										
	Width of Trench - For										
	Bottom Lift 0.00-1.50m- 0.25+0.08+0.08+0.5=0.91m										
	From Bottom Lift 1.50m-3.00m- 0.25+0.08+0.08+0.5+0.4=1.31m										
	From Bottom Lift 3.00m-4.50m- 0.25+0.08+0.08+0.5+0.4+0.4=1.71m										
	NP20.1 to NP20.2										
	CH18.80	588.575	586.925	586.725			1.850	1.725			
	CH24.85	588.475	587.075	586.875			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.54	1.310	1.100	5.101		930.966	936.067
	(b) For Lift 1.5m to 3.0m	1			3.54	0.910	0.225	0.725		95.347	96.071



Signature

Name of work:- Design, Construction, Erection, Testing and Commissioning of Sewage Treatment and Zone Salim Ali, Construction, 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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Navabpura 400mm RCC. 300mm, 250mm Dia

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. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.54	1.310	0.300	1.391		669.603	670.994
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.54	1.310	0.100	0.464		114.326	114.790
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.54	0.910	0.200	0.644		154.703	155.347
	Item No. : 11 Transportation of earth Transportation charges including							0.947		306.555	307.501
	Extra item no.:-9. 4) Lowering & Laying RCC NP3 class pipe of 250mm Dia	1			5.00			5.000		0.000	5.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							7.681			
	Deduction										
	pipe area	1		0.785	3.54	0.330	0.330	0.30			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.64			
	Total = B							0.95			
				Net Qty = A - B				6.73		2730.703	2737.438
	NP20.2 to NP20.3										
	CH24.85	588.475	587.075	586.875			1.600	1.350			
	CH30.75	588.575	587.675	587.475			1.100				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.54	0.910	0.950	3.060		936.067	939.127
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.54	0.910	0.300	0.966		670.994	671.961
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.54	0.910	0.100	0.322		114.790	115.112
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete. (bedding)	1			3.54	0.910	0.200	0.644		155.347	155.992
	Item No. : 11 Transportation of earth Transportation charges including							0.947		307.501	308.448
	Extra item no.:-9. 4) Lowering & Laying RCC NP3 class pipe of 250mm Dia	1			5.00			5.000		5.000	10.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							4.349			
	Deduction										
	pipe area	1		0.785	3.54	0.330	0.330	0.30			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.64			
	Total = B							0.95			
				Net Qty = A - B				3.40		2737.438	2740.839
	NP20.3 to NP20.4										
	CH30.75	588.575	587.675	587.475			1.100	1.120			
	CH30.15	588.665	587.725	587.525			1.140				



Signature

Name of work:- Development of Underground Sewage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, 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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Navabpura 400mm RCC, 300mm, 250mm Dia

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. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.04	0.910	0.720	3.957		939.127	943.084
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.04	0.910	0.300	1.649		671.961	673.610
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.04	0.910	0.100	0.550		115.112	115.662
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete. (bedding)	1			6.04	0.910	0.200	1.099		155.992	157.091
	Item No. : 11 Transportation of earth Transportation charges including							1.616		308.448	310.064
	Extra item no.-9. 4) Lowering & Laying RCC NP3 class pipe of 250mm Dia	1			7.50			7.500		10.000	17.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							6.156			
	Deduction										
	pipe area	1		0.785	6.04	0.330	0.330	0.52			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.10			
	Total = B							1.62			
				Net Qty = A - B				4.54		2740.839	2745.380
	NP20.4 to NP20.5										
	CH39.15	588.665	587.725	587.525			1.140	1.170			
	CH47.55	588.875	587.875	587.675			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.04	0.910	0.770	4.232		943.084	947.317
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.04	0.910	0.300	1.649		673.610	675.258
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.04	0.910	0.100	0.550		115.662	116.211
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete. (bedding)	1			6.04	0.910	0.200	1.099		157.091	158.190
	Item No. : 11 Transportation of earth Transportation charges including							1.616		310.064	311.680
	Extra item no.-9. 4) Lowering & Laying RCC NP3 class pipe of 250mm Dia	1			7.50			7.500		17.500	25.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							6.431			
	Deduction										
	pipe area	1		0.785	6.04	0.330	0.330	0.52			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.10			
	Total = B							1.62			



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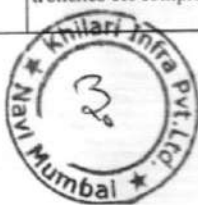
Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), 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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Navabpura 400mm RCC. 300mm, 250mm Dia

Date	Particulars of work	DETAILS					Content of area	Last measurement		TOTAL TO DATE
		No			L	B		Page	Quantity	
		GL	IL	EX.L						
		Net Qty = A - B					4.82		2745.380	2750.195
	NP15 to NP15.1									
	CH0.00	587.645	585.640	585.440		2.205	2.103			
	CH6.20	587.745	585.945	585.745		2.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.									
	(a) For Lift 0 to 1.5m	1			3.27	1.310	1.100	4.712	947.317	952.029
	(b) For Lift 1.5m to 3.0m	1			3.27	0.910	0.603	1.794	96.071	97.866
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.									
	(a) For Lift 0 to 1.5m	1			3.27	1.310	0.300	1.285	675.258	676.544
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			3.27	1.310	0.100	0.428	116.211	116.640
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete. (bedding)	1			3.27	0.910	0.200	0.595	158.190	158.785
	Item No. : 11 Transportation of earth Transportation charges including						0.875		311.680	312.554
	Extra item no.:-9. 4) Lowering & Laying RCC NP3 class pipe of 250mm Dia	1			5.00		5.000		25.000	30.000
	Item No 30 :- Refilling the excavated trenches ...									
	Total Excavation= A						8.220			
	Deduction									
	pipe area	1		0.785	3.27	0.330	0.330	0.28		
	soling							0.00		
	PCC							0.00		
	Murum bedding							0.60		
	Total = B						0.87			
		Net Qty = A - B					7.35		2750.195	2757.540
	NP15.1 to NP15.2									
	CH6.20	587.745	585.945	585.745		2.000	1.825			
	CH14.90	587.515	586.065	585.865		1.650				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.									
	(a) For Lift 0 to 1.5m	1			6.04	1.310	1.200	9.495	952.029	961.524
	(b) For Lift 1.5m to 3.0m	1			6.04	0.910	0.325	1.786	97.866	99.652
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.									
	(a) For Lift 0 to 1.5m	1			6.04	1.310	0.200	1.582	676.544	678.126
	(b) For Lift 1.5m to 3.0m	1			6.04	0.910	0.000	0.000	910.769	910.769
	(c) For Lift 3.0m to 4.5m	1			6.04	0.910	0.000	0.000	66.384	66.384
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			6.04	1.310	0.100	0.791	116.640	117.431
	(b) For Lift 1.5m to 3.0m	1			6.04	0.910	0.000	0.000	211.283	211.283
	(c) For Lift 3.0m to 4.5m	1			6.04	0.910	0.000	0.000	21.552	21.552
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.									
	(b) For Lift 1.5m to 3.0m	1			6.04	0.910	0.000	0.000	6.744	6.744
	(c) For Lift 3.0m to 4.5m	1			6.04	0.910	0.000	0.000	10.285	10.285
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete. (bedding)	1			6.04	0.910	0.200	1.099	158.785	159.885



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

Navabpura 400mm RCC. 300mm, 250mm Dia



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

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

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

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Navabpura 400mm RCC. 300mm -Storm line

**9th R A BILL MEASUREMENTS
BRANCH SEWER AT " NAVABPURA "**

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	300mm dia-RCC										
	Width of Trench - For										
	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										
	For Storm water line										
	CH0.00	588.110	586.960	586.760			1.350	1.425			
	CH11.25	588.510	587.210	587.010			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.07	0.960	0.300	2.900		961.524	964.424
	(b) For Lift 1.5m to 3.0m	1			10.07	0.960	0.000	0.000		99.652	99.652
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.07	0.960	1.025	9.909		678.126	688.035
	(b) For Lift 1.5m to 3.0m	1			10.07	0.960	0.000	0.000		910.769	910.769
	(c) For Lift 3.0m to 4.5m	1			10.07	0.960	0.000	0.000		66.384	66.384
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			10.07	0.960	0.100	0.967		117.431	118.398
	(b) For Lift 1.5m to 3.0m	1			10.07	0.960	0.000	0.000		211.283	211.283
	(c) For Lift 3.0m to 4.5m	1			10.07	0.960	0.000	0.000		21.552	21.552
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			10.07	0.960	0.000	0.000		6.744	6.744
	(c) For Lift 3.0m to 4.5m	1			10.07	0.960	0.000	0.000		10.285	10.285
	Item No. 7 :- Filling in plinth and floors/trenches etc complete.(bedding)	1			10.07	0.960	0.200	1.933		159.885	161.818
	Item No. : 11 Transportation of earth							3.075		314.170	317.245
	Transportation charges including										
	Extra item no.-9. 4) Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			11.25			11.250		17.500	28.750
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							13.776			
	Deduction										
	pipe area	1		0.785	10.07	0.380	0.380	1.14			
	soling							0.00			
	PCC							0.00			
	Murum bedding							1.93			
	Total = B							3.07			
	Net Qty = A - B							10.70		2769.580	2780.280



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Name of work:- Development of Underground Sewage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erecting, 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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Navabpura 400mm RCC. 150mm Dia SW

9th R A BILL MEASUREMENTS
BRANCH SEWER AT " NAVABPURA "

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	150mm dia-SW										
	Width of Trench - For										
	Bottom Lift 0.00-1.50m- 0.15+0.02+0.02+0.5=0.69m										
	From Bottom Lift 1.50m-3.00m- 0.15+0.02+0.02+0.5+0.4=1.09m										
	From Bottom Lift 3.00m-4.50m- 0.15+0.02+0.02+0.5+0.4+0.4=1.49m										
	NP16 to NP16.1										
	CH0.00	587.851	587.291	587.191			0.660	0.610			
	CH5.75	587.850	587.391	587.291			0.559				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.150	0.690	0.210	0.601		964.424	965.025
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.150	0.690	0.300	0.859		688.035	688.894
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.150	0.690	0.100	0.286		118.398	118.684
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete. (bedding)	1			4.150	0.690	0.100	0.286		161.818	162.104
	Item No. : 11 Transportation of earth Transportation charges including							0.380		317.245	317.625
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			5.000			5.000		0.000	5.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							1.747			
	Deduction										
	pipe area	1		0.785	4.150	0.170	0.170	0.09			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.29			
	Total = B							0.38			
		Net Qty = A - B						1.37		2780.280	2781.647
	NP16 to NP16.2										
	CH0.00	587.851	587.291	587.191			0.660	0.512			
	CH10.75	587.855	587.591	587.491			0.364				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.150	0.690	0.212	1.338		965.025	966.364
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.150	0.690	0.200	1.263		688.894	690.157
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.150	0.690	0.100	0.631		118.684	119.316
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.150	0.690	0.100	0.631		162.104	162.736
	Item No. : 11 Transportation of earth Transportation charges including							0.839		317.625	318.464



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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Navabpura 400mm RCC, 150mm Dia SW

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			10.000			10.000		5.000	15.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							3.233			
	Deduction										
	pipe area	1		0.785	9.150	0.170	0.170	0.21			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.63			
	Total = B							0.84			
		Net Qty = A - B						2.39		2781.647	2784.040
	NP17 to NP17.1										
	CH0.00	588.280	587.700	587.600			0.680	0.640			
	CH5.25	588.300	587.800	587.700			0.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.650	0.690	0.340	0.856		966.364	967.220
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.650	0.690	0.200	0.504		690.157	690.660
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.650	0.690	0.100	0.252		119.316	119.567
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.650	0.690	0.100	0.252		162.736	162.988
	Item No. : 11 Transportation of earth Transportation charges including							0.335		318.464	318.799
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			4.500			4.500		15.000	19.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							1.612			
	Deduction										
	pipe area	1		0.785	3.650	0.170	0.170	0.08			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.25			
	Total = B							0.33			
		Net Qty = A - B						1.28		2784.040	2785.317
	NP17 to NP17.2										
	CH0.00	588.280	587.700	587.600			0.680	0.540			
	CH11.25	588.300	588.000	587.900			0.400				
	Item No. 1 :- Excavation for foundation/pipe trenches in all typesof soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.650	0.690	0.240	1.598		967.220	968.818
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.650	0.690	0.200	1.332		690.660	691.992
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.650	0.690	0.100	0.666		119.567	120.233
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.650	0.690	0.100	0.666		162.988	163.653
	Item No. : 11 Transportation of earth Transportation charges including							0.885		318.799	319.684



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

Book No. :-

026

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Navabpura 400mm RCC. 150mm Dia SW

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			10.500			10.500		19.500	30.000
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							3.596			
	Deduction										
	pipe area	1		0.785	9.650	0.170	0.170	0.22			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.67			
	Total = B							0.88			
	Net Qty = A - B							2.71		2785.317	2788.028
	NP18 to NP18.1										
	CH0.00	588.530	587.980	587.880			0.650	0.598			
	CH5.25	588.525	588.080	587.980			0.545				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.650	0.690	0.298	0.751		968.818	969.568
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.650	0.690	0.200	0.504		691.992	692.496
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.650	0.690	0.100	0.252		120.233	120.485
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.650	0.690	0.100	0.252		163.653	163.905
	Item No. : 11 Transportation of earth Transportation charges including							0.335		319.684	320.018
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			4.500			4.500		30.000	34.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A							1.506			
	Deduction										
	pipe area	1		0.785	3.650	0.170	0.170	0.08			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.25			
	Total = B							0.33			
	Net Qty = A - B							1.17		2788.028	2789.200
	NP18 to NP18.2										
	CH0.00	588.530	587.905	587.805			0.725	0.675			
	CH2.75	588.530	588.005	587.905			0.625				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.150	0.690	0.375	0.298		969.568	969.866
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.150	0.690	0.200	0.159		692.496	692.654
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.150	0.690	0.100	0.079		120.485	120.564
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.150	0.690	0.100	0.079		163.905	163.985
	Item No. : 11 Transportation of earth Transportation charges including							0.105		320.018	320.124



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

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

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

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Navabpura 400mm RCC. 150mm Dia SW

Date	Particulars of work	DETAILS						Content of area	Last measurment		TOTAL TO DATE
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			2.000			2.000		34.500	36.500
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A										
	Deduction							0.536			
	pipe area	1		0.785	1.150	0.170	0.170	0.03			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.08			
	Total = B							0.11			
	Net Qty = A - B							0.43		2789.200	2789.630
	NP18 to NP18.3										
	CH0.00	588.530	588.030	587.930			0.600				
	CH3.45	588.535	588.130	588.030			0.505	0.553			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.850	0.690	0.253	0.323		969.866	970.189
	(b) For Lift 1.5m to 3.0m	1			1.850	0.690	0.000	0.000		99.652	99.652
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.850	0.690	0.200	0.255		692.654	692.910
	(b) For Lift 1.5m to 3.0m	1			1.850	0.690	0.000	0.000		910.769	910.769
	(c) For Lift 3.0m to 4.5m	1			1.850	0.690	0.000	0.000		66.384	66.384
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			1.850	0.690	0.100	0.128		120.564	120.692
	(b) For Lift 1.5m to 3.0m	1			1.850	0.690	0.000	0.000		211.283	211.283
	(c) For Lift 3.0m to 4.5m	1			1.850	0.690	0.000	0.000		21.552	21.552
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			1.850	0.690	0.000	0.000		6.744	6.744
	(c) For Lift 3.0m to 4.5m	1			1.850	0.690	0.000	0.000		10.285	10.285
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.850	0.690	0.100	0.128		163.985	164.112
	Item No. : 11 Transportation of earth Transportation charges including							0.170		320.124	320.293
	Extra Item no 9.2 Lowering & Laying SW pipe of 150mm Dia	1			2.700			2.700		36.500	39.200
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation= A										
	Deduction							0.706			
	pipe area	1		0.785	1.850	0.170	0.170	0.04			
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.13			
	Total = B							0.17			
	Net Qty = A - B							0.54		2789.630	2790.166



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, Erecting, 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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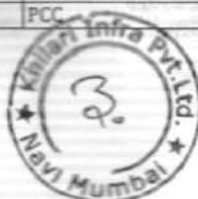
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Navabpura 400mm RCC, 1.5m MH Excavation

9th RA BILL MEASUREMENTS

BRANCH SEWER AT " NAVABPURA "

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 1.50m dia Manhole (upto a depth of 2.0m to 5.0m)- 1.50+0.35+0.35+0.5+0.5=3.20m										
	Breadth for Manhole=3.2*3.2=10.24m										
	NP 16										
	CH222.50	587.851	584.991	584.741			3.110				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.500	4.019		0.000	4.019
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.900	7.235		0.000	7.235
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		0.000	12.058
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.110	0.884		0.000	0.884
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		0.000	0.804
	Item No. : 11 Transportation of earth Transportation charges							8.539		0.000	8.539
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							24.999			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.860	3.509			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								8.539			
	Net Qty = A - B							16.460		0.000	16.460
	NP 17										
	CH238.80	588.280	585.100	584.850			3.430				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.500	4.019		4.019	8.038
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.900	7.235		7.235	14.469
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		12.058	24.115
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.430	3.457		0.884	4.341
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		0.804	1.608
	Item No. : 11 Transportation of earth Transportation charges							9.845		8.539	18.384
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							27.572			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.180	4.815			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			



Signature

Name of work:- Development of underground Sewerage Collection system for Zone I to VI and Zone Salim Ali, Construction, Erection, 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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Navabpura 400mm RCC, 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.845			
		Net Qty = A - B						17.727		16.460	34.187
	NP 18										
	CH260.10	588.530	585.430	585.180			3.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.400	3.215		8.038	11.254
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.000	8.038		14.469	22.508
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.400	11.254		24.115	35.369
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		1.608	2.412
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.100	0.804		0.000	0.804
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.350	2.813		0.000	2.813
	Item No. : 11 Transportation of earth Transportation charges							9.519		18.384	27.903
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.929			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.100	4.489			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.519			
		Net Qty = A - B						17.410		34.187	51.597
	NP 19										
	CH303.90	588.280	585.900	585.650			2.630				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.500	4.019		11.254	15.273
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.900	7.235		22.508	29.742
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.600	4.823		35.369	40.192
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		2.412	3.215
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.530	4.260		0.804	5.064
	Item No. : 11 Transportation of earth Transportation charges							6.580		27.903	34.483
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							21.141			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.380	1.551			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								6.580			
		Net Qty = A - B						14.561		51.597	66.158
	NP 20										
	CH332.70	588.530	586.230	585.980			2.550				



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

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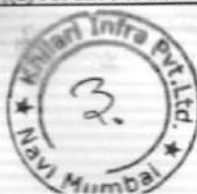
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Navabpura 400mm RCC. 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.800	6.431		15.273	21.704
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.600	4.823		29.742	34.565
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.050	8.440		40.192	48.632
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		3.215	4.019
	Item No. : 11 Transportation of earth Transportation charges							6.254		34.483	40.737
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							20.498			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.300	1.224			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								6.254			
	Net Qty = A - B							14.244		66.158	80.402
	NP 21										
	CH371.50	589.375	586.625	586.375			3.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.400	3.215		21.704	24.919
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.000	8.038		34.565	42.604
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.700	5.627		48.632	54.259
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		4.019	4.823
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.800	6.431		5.064	11.495
	Item No. : 11 Transportation of earth Transportation charges							8.090		40.737	48.827
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							24.115			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.750	3.061			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								8.090			
	Net Qty = A - B							16.025		80.402	96.427
	NP 22										
	CH407.80	590.485	587.635	587.385			3.100				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.400	3.215		24.919	28.134
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.000	8.038		42.604	50.642



Signature

Name of work:- Development of Wastewater 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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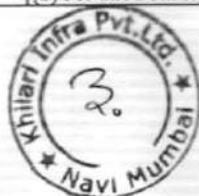
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Navabpura 400mm RCC, 1.5m MH Excavation

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) For Lift 1.5m to 3.0m	1			0.785	10.240	0.600	4.823		54.259	59.082
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		4.823	5.627
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.900	7.235		11.495	18.729
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.100	0.804		2.813	3.617
	Item No. : 11 Transportation of earth Transportation charges							8.498		48.827	57.326
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							24.919			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.850	3.469			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								8.498			
	Net Qty = A - B							16.421		96.427	112.847
	NP 23										
	CH434.10	590.945	587.985	587.735			3.210				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.500	4.019		28.134	32.154
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.900	7.235		50.642	57.876
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.100	8.842		59.082	67.924
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		5.627	6.431
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.400	3.215		18.729	21.945
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.210	1.688		3.617	5.305
	Item No. : 11 Transportation of earth Transportation charges							8.947		57.326	66.273
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							25.803			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.960	3.918			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								8.947			
	Net Qty = A - B							16.856		112.847	129.703
	NP 24										
	CH480.40	591.095	588.115	587.865			3.230				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.500	4.019		32.154	36.173
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.900	7.235		57.876	65.111
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.000	8.038		67.924	75.963
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		6.431	7.235
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.500	4.019		21.945	25.964



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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Navabpura 400mm RCC. 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.230	1.849		5.305	7.154
	Item No. : 11 Transportation of earth Transportation charges							9.029		66.273	75.302
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							25.964			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.980	3.999			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.029			
		Net Qty = A - B						16.935		129.703	146.638
	NP 25										
	CH499.20	591.200	588.155	587.905			3.295				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.700	5.627		36.173	41.800
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.700	5.627		65.111	70.738
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		75.963	88.020
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.295	2.371		4.341	6.712
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		7.235	8.038
	Item No. : 11 Transportation of earth Transportation charges							9.294		75.302	84.596
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.487			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.045	4.264			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.294			
		Net Qty = A - B						17.192		146.638	163.831
	NP 26										
	CH530.50	591.940	588.300	588.050			3.890				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.700	5.627		41.800	47.427
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.700	5.627		70.738	76.365
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.500	12.058		88.020	100.078
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.890	7.154		6.712	13.866
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		8.038	8.842
	Item No. : 11 Transportation of earth Transportation charges							11.722		84.596	96.318
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							31.269			



Signature

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erection, 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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Navabpura 400mm RCC. 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.640	6.692			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								11.722			
								19.547		163.831	183.378
	Net Qty = A - B										
	NP 27										
	CH561.80	592.080	589.030	588.780			3.300				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.200	9.646		47.427	57.073
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.100	0.804		0.000	0.804
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		76.365	77.972
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.400	11.254		100.078	111.332
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.300	2.412		13.866	16.278
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		8.842	9.646
	Item No. : 11 Transportation of earth Transportation charges							9.315		96.318	105.633
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.527			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.050	4.285			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.315			
	Net Qty = A - B							17.212		183.378	200.590
	NP 28										
	CH595.60	592.660	589.490	589.240			3.420				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.750	6.029		57.073	63.101
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.650	5.225		77.972	83.197
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.370	11.013		111.332	122.344
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		9.646	10.450
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.130	1.045		25.964	27.009
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.420	3.376		7.154	10.530
	Item No. : 11 Transportation of earth Transportation charges							9.804		105.633	115.437
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							27.491			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.170	4.774			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			



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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Navabpura 400mm RCC. 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
								9.804			
								17.687		200.590	218.277
	NP 29										
	CH626.90	592.830	589.700	589.450			3.380				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete										
	(a) For Lift 0 to 1.5m				0.785	10.240	0.400	3.215		63.101	66.317
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.000	8.038		83.197	91.236
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.500	4.019		122.344	126.364
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		10.450	11.254
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.850	6.833		27.009	33.842
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.150	1.206		0.000	1.206
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.380	3.055		0.000	3.055
	Item No. : 11 Transportation of earth Transportation charges							9.641		115.437	125.078
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							27.170			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.130	4.611			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.641			
								17.529		218.277	235.806
	NP 30										
	CH650.70	592.950	590.290	590.040			2.910				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.675	5.426		66.317	71.743
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.725	5.828		91.236	97.064
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.875	7.034		126.364	133.397
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		11.254	12.058
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.535	4.301		33.842	38.142
	Item No. : 11 Transportation of earth Transportation charges							7.723		125.078	132.801
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							23.392			
	Deduction										
	Brick work	1		0.785	2.280	2.280	0.660	2.693			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								7.723			



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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, Erecting, 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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Navabpura 400mm RCC. 1.5m MH Excavation

Date	Particulars of work	DETAILS						Content of arrears	Last		Total Upto Date
		No			L	B	D		measurment	Quantity	
		GL	IL	EX.L					Page	Quantity	
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.200	9.646		87.820	97.466
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.300	2.412		2.412	4.823
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		103.494	105.102
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.200	9.646		152.689	162.335
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.300	2.412		18.287	20.699
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		13.665	14.469
	Item No. : 11 Transportation of earth Transportation charges							9.315		150.206	159.520
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.527			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.050	4.285			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.315			
	Net Qty = A - B							17.212		284.712	301.924
	NP 34										
	CH773.40	594.170	591.070	590.820			3.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.200	9.646		97.466	107.112
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.200	1.608		4.823	6.431
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		105.102	106.710
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.300	10.450		162.335	172.785
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.350	2.813		20.699	23.512
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		14.469	15.273
	Item No. : 11 Transportation of earth Transportation charges							9.519		159.520	169.039
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.929			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.100	4.489			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.519			
	Net Qty = A - B							17.410		301.924	319.334
	NP 35										
	CH799.70	594.360	591.160	590.910			3.450				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.200	9.646		107.112	116.758



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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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Navabpura 400mm RCC. 1.5m MH Excavation

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			0.785	10.240	0.500	4.019		6.431	10.450
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		106.710	108.317
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.000	8.038		172.785	180.824
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.450	3.617		23.512	27.130
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		15.273	16.077
	Item No. : 11 Transportation of earth Transportation charges							9.927		169.039	178.965
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							27.732			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.200	4.897			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.927			
		Net Qty = A - B						17.806		319.334	337.140
	NP 36										
	CH826.00	594.260	591.260	591.010			3.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	1.200	9.646		116.758	126.404
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.400	3.215		10.450	13.665
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.200	1.608		108.317	109.925
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	1.100	8.842		180.824	189.666
	(c) For Lift 3.0m to 4.5m	1			0.785	10.240	0.250	2.010		27.130	29.139
	Item No. 4 :- Excavation for foundation/pipe trenches in soft										
	(a) For Lift 0 to 1.5m	1			0.785	10.240	0.100	0.804		16.077	16.881
	Item No. : 11 Transportation of earth Transportation charges							9.110		178.965	188.076
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							26.125			
	Deduction										
	Brick work	1		0.785	2.280	2.280	1.000	4.081			
		1		0.785	1.540	1.540	2.000	3.723			
	PCC	1		0.785	2.580	2.580	0.250	1.306			
	Soling	1		0.785	2.580	2.580	0.000	0.000			
								9.110			
		Net Qty = A - B						17.014		337.140	354.154
	NP 37										
	CH854.80	593.970	591.370	591.120			2.850				
	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	10.240	1.200	9.646		126.404	136.050
	(b) For Lift 1.5m to 3.0m	1			0.785	10.240	0.400	3.215		13.665	16.881
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										



Signature