Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	0.700	0.200	0.686		0.812	1.498
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			5.500	0.700	0.100	0.385		9.030	9.415
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.558		13.081	13.638
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.000			6.000		135.000	141.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**4.253**			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.500	0.200	0.200	0.173			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.385			
								0.558			
				Net Qty = A - B				**3.696**		83.701	87.397
	PT9 TO PT10										
	CH74.50	592.840	591.720	591.620			1.220	1.195			
	CH83.35	592.850	591.780	591.680			1.170				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.850	0.700	1.000	4.795		89.765	94.560
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.850	0.700	0.200	0.959		1.498	2.457
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.850	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			7.450	0.700	0.100	0.522		9.415	9.937
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.755		13.638	14.394
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.950			7.950		141.000	148.950

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Services Ltd.

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.754			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	7.450	0.200	0.200	0.234			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.522			
								0.755			
				Net Qty = A - B				4.999		87.397	92.395
	PT10 TO PT11										
	CH83.35	592.850	591.780	591.680			1.170	1.160			
	CH90.35	593.000	591.950	591.850			1.150				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.960	3.360		94.560	97.920
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.200	0.700		2.457	3.157
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.600	0.700	0.100	0.392		9.937	10.329
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.568		14.394	14.962
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.100			6.100		148.950	155.050
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.060			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.600	0.200	0.200	0.176			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.392			
								0.568			
				Net Qty = A - B				3.492		92.395	95.888

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Ltd. Division of Fortress Financial Services

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

Book No. :-
Page No. :- 139

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

Pawan Nagar-Measurment

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		GL	IL	EX.L					Page	Quantity	
	PT12 TO PT13										
	CH0.00	592.720	591.120	591.020			1.700	1.653			
	CH6.50	592.770	591.265	591.165			1.605				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.500	0.700	1.453	4.577		97.920	102.497
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.500	0.700	0.047	0.148		3.157	3.305
	(b) For Lift 1.5 to 3m	1			4.500	0.700	0.153	0.482		0.000	0.482
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.500	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.100	0.700	0.100	0.357		10.329	10.686
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.517		14.962	15.479
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.600			5.600		155.050	160.650
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.207			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.100	0.200	0.200	0.160			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.357			
								0.517			
				Net Qty = A - B				**4.690**		95.888	100.577
	PT13 TO PT14										
	CH6.50	592.770	591.265	591.165			1.605	1.578			
	CH13.70	592.720	591.270	591.170			1.550				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	1.378	5.016		102.497	107.513
	(b) For Lift 1.5 to 3.0m	1			5.200	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	0.122	0.444		3.305	3.749
	(b) For Lift 1.5 to 3m	1			5.200	0.700	0.078	0.284		0.482	0.766

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		GL	IL	EX.L					Page	Quantity	
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.800	0.700	0.100	0.406		10.686	11.092
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.588		15.479	16.067
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.300			6.300		160.650	166.950
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**5.744**			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.800	0.200	0.200	0.182			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.406			
								0.588			
				Net Qty = A - B				**5.156**		100.577	105.733
	PT14 TO PT15										
	CH13.70	592.720	591.270	591.170			1.550	1.578			
	CH22.40	592.865	591.360	591.260			1.605				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.700	1.100	1.378	10.156		107.513	117.669
	(b) For Lift 1.5 to 3.0m	1			6.700	0.700	0.000	0.000		0.000	0.00
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.700	0.700	0.122	0.572		3.749	4.32
	(b) For Lift 1.5 to 3m	1			6.700	0.700	0.078	0.366		0.766	1.13
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.700	1.100	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.300	0.700	0.100	0.511		11.092	11.60
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.740		16.067	16.8
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.800			7.800		166.950	174.75

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Ltd. Division of Fortress

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							11.094			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	7.300	0.200	0.200	0.229			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.511			
								0.740			
				Net Qty = A - B				10.354		105.733	116.087
	PAWAN NAGAR -GN-4	In front of Masjid									
	PM1 to PM2										
	CH0.00	595.335	594.375	594.275			1.060	1.165			
	CH4.60	595.635	594.465	594.365			1.270				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.600	0.700	0.965	1.756		117.669	119.425
	(b) For Lift 1.5 to 3.0m	1			2.600	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.600	0.700	0.200	0.364		4.321	4.685
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.600	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			3.200	0.700	0.100	0.224		11.603	11.827
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.324		16.807	17.132
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			3.700			3.700		174.750	178.450
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.120			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	3.200	0.200	0.200	0.100			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.224			
								0.324			
				Net Qty = A - B				1.796		116.087	117.883

Khilari Infra Pvt Ltd Mumbai

Fortress Infrastructure Advisory Services

Pawan Nagar-Measurment

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	PM2 to PM3										
	CH4.60	595.635	594.465	594.365			1.270	1.080			
	CH11.30	595.745	594.955	594.855			0.890				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.700	0.700	0.880	2.895		119.425	122.320
	(b) For Lift 1.5 to 3.0m	1			4.700	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.700	0.700	0.200	0.658		4.685	5.34[illegible]
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.700	0.700	0.000	0.000		9.772	9.77[illegible]
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.300	0.700	0.100	0.371		11.827	12.19[illegible]
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.537		17.132	17.66[illegible]
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.800			5.800		178.450	184.25
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.553			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.300	0.200	0.200	0.166			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.371			
								0.537			
				Net Qty = A - B				3.016		117.883	120.8[illegible]
	PM3 to PM4										
	CH11.30	595.745	594.955	594.855			0.890	1.120			
	CH19.90	596.355	595.105	595.005			1.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			6.600	0.700	0.920	4.250		122.320	126.[illegible]
	(b) For Lift 1.5 to 3.0m	1			6.600	0.700	0.000	0.000		0.000	0.[illegible]
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.600	0.700	0.200	0.924		5.343	6.[illegible]
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.600	0.700	0.000	0.000		9.772	[illegible]

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd. Division of Fortress Facilities Pvt. Ltd.

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.200	0.700	0.100	0.504		12.198	12.702
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.730		17.669	18.399
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.700			7.700		184.250	191.950
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.174			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	7.200	0.200	0.200	0.226			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.504			
								0.730			
				Net Qty = A - B				4.444		120.898	125.343
	PM4 to PM5										
	CH19.90	596.355	595.105	595.005			1.350	1.200			
	CH26.90	596.075	595.125	595.025			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	1.000	3.500		126.571	130.071
	(b) For Lift 1.5 to 3.0m	1			5.000	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.200	0.700		6.267	6.967
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.000	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.600	0.700	0.100	0.392		12.702	13.094
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.568		18.399	18.967
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.100			6.100		191.950	198.050
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.200			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.600	0.200	0.200	0.176			
	soling							0.000			

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	PCC							0.000			
	Murrum bedding							0.392			
								0.568			
				Net Qty = A - B				3.632		125.343	128.975
	PM5 to PM6										
	CH26.90	596.075	595.125	595.025			1.050	1.075			
	CH35.75	596.275	595.275	595.175			1.100				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.850	0.700	0.875	4.196		130.071	134.266
	(b) For Lift 1.5 to 3.0m	1			6.850	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.850	0.700	0.200	0.959		6.967	7.926
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.850	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.450	0.700	0.100	0.522		13.094	13.615
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.755		18.967	19.722
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.950			7.950		198.050	206.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.155			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	7.450	0.200	0.200	0.234			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.522			
								0.755			
				Net Qty = A - B				4.399		128.975	133.374
	PM6 to PM7										
	CH35.75	596.275	595.275	595.175			1.100	1.200			
	CH42.65	596.515	595.315	595.215			1.300				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			4.900	0.700	1.000	3.430		134.266	137.696
	(b) For Lift 1.5 to 3.0m	1			4.900	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	0.700	0.200	0.686		7.926	8.612

Khilari Infra Pvt Ltd Navi Mumbai

Fortress Infrastructure Services Pvt. Ltd. Division of Fortress Infrastructure

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.500	0.700	0.100	0.385		13.615	14.000
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.558		19.722	20.280
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.000			6.000		206.000	212.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.116			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.500	0.200	0.200	0.173			
	solling							0.000			
	PCC							0.000			
	Murrum bedding							0.385			
								0.558			
				Net Qty = A - B				3.558		133.374	136.932
	PM7 to PM8										
	CH42.65	596.515	595.315	595.215			1.300	1.450			
	CH51.05	596.875	595.375	595.275			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.700	1.250	5.600		137.696	143.296
	(b) For Lift 1.5 to 3.0m	1			6.400	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.700	0.200	0.896		8.612	9.508
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.700	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.000	0.700	0.100	0.490		14.000	14.490
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.710		20.280	20.990
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.500			7.500		212.000	219.500

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.496			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	7.000	0.200	0.200	0.220			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.490			
								0.710			
				Net Qty = A - B				5.786		136.932	142.719
	PM8 to PM9										
	CH51.05	596.875	595.375	595.275			1.600	1.600			
	CH58.25	596.945	595.445	595.345			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	1.100	1.400	8.008		143.296	151.304
	(b) For Lift 1.5 to 3.0m	1			5.200	0.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	0.100	0.364		9.508	9.872
	(b) For Lift 1.5 to 3.0m	1			5.200	0.700	0.100	0.364		1.132	1.496
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	1.100	0.000	0.000		9.772	9.772
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.800	0.700	0.100	0.406		14.490	14.896
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.588		20.990	21.578
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.300			6.300		219.500	225.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.736			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	5.800	0.200	0.200	0.182			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.406			
								0.588			
				Net Qty = A - B				8.148		142.719	150.867

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services LLP Division of Fortress Infrastructure Management Services LLP

9th R A BILL MEASURMENTS DWC CHEMBER PAWAN NAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		GL	IL	EX.L					Page	Quantity	
	Excavation of Chamber - For 0.9 dia chamber up to depth 1.5m -0.9+0.5+0.3+0.3=2.0m										
	Area for chember above 1.5m= 2 X 2=4.0m										
	PAWAN NAGAR N9-GN-2										
	PN 2										
	CH29.00	594.040	593.040	592.790			1.250				
	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	4.000	1.150	3.611		0.000	3.611
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		0.000	0.000
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.000	0.314
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.534		0.000	1.534
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.925			
	Deduction of 200mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	1.000	1.06			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.53			
				Net Qty = A - B				2.39		0.000	2.391
	PAWAN NAGAR N9-GN-3		Sai Complex								
	PT 1										
	CH0.00	592.080	590.980	590.730			1.350				
	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	4.000	1.250	3.925		3.611	7.536
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.314	0.628
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.640		8.039	9.679

Khilari Infra Pvt Ltd. Navi Mumbai

Advisory Services

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.239			
	Deduction of 200mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	1.100	1.16			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.64**			
				Net Qty = A - B				2.60		2.391	4.991
	PT 2										
	CH13.80	592.020	591.020	590.770			1.250				
	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	4.000	1.150	3.611		7.536	11.14
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.628	0.94
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.534		9.679	11.21
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.925**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	1.000	1.06			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.53**			
				Net Qty = A - B				2.39		4.991	
	PT 3										
	CH28.80	592.100	591.150	590.900			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.100	3.454		11.147	
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.942	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.481		11.213	

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd. Division of Fortress Financial Services

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

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

Book No. :-
Page No. :- 149

Pawan Nagar-MH-Excavation

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.768			
	Deduction of 200mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	0.950	1.00			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.48**			
				Net Qty = A - B				2.29		7.382	9.669
	PT 4										
	CH36.60	592.560	591.320	591.070			1.490				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.290	4.051		14.601	18.652
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		0.000	0.628
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.430		12.694	15.123
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.679**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.240	1.91			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.43**			
				Net Qty = A - B				2.25		9.669	11.918
	PT 5										
	CH43.40	592.600	591.400	591.150			1.450				
	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	4.000	1.250	3.925		18.652	22.577
	Item No. 4 :- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		1.256	1.884
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.368		15.123	17.491

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.553**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.200	1.85			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.37**			
					Net Qty = A - B			**2.18**		11.918	14.1
	PT 6										
	CH52.20	592.630	591.460	591.210			1.420				
	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	4.000	1.220	3.831		22.577	26.4
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		1.884	2.5
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.322		17.491	19.8
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.459**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.170	1.80			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.32**			
					Net Qty = A - B			**2.14**		14.103	16.2
	PT 7										
	CH59.30	592.760	591.560	591.310			1.450				
	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	4.000	1.250	3.925		26.407	30.
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		2.512	3.
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.368		19.813	22.

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.553**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.200	1.85			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.37**			
				Net Qty = A - B				2.18		16.240	18.425
	PT 8										
	CH67.60	592.780	591.620	591.370			1.410				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.210	3.799		30.332	34.132
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		0.000	0.000
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		3.140	3.768
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.306		22.181	24.487
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.427**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.160	1.79			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.31**			
				Net Qty = A - B				2.12		18.425	20.546
	PT 9										
	CH74.50	592.840	591.720	591.470			1.370				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.170	3.674		34.132	37.806
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		0.628	1.256

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.245		24.487	26.73
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.302**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.120	1.72			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.24**			
				Net Qty = A - B				**2.06**		20.546	22.6
	PT 10										
	CH83.35	592.850	591.780	591.530			1.320				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.120	3.517		37.806	41
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		1.256	1
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.168		26.732	28
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.145**			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.070	1.65			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							**2.17**			
				Net Qty = A - B				**1.98**		22.603	24
	PT 11										
	CH90.35	593.000	591.950	591.700			1.300				
	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	4.000	1.100	3.454		41.322	44
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		0.000	0
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										

Khilari Infra Pvt. Ltd. Mumbai

Fortress Infrastructure Advisory Services

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

Book No. :-
Page No. :- 153

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

Pawan Nagar-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							
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		1.884	2.512
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.000	0.000		3.768	3.768
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.137		28.900	31.037
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.082			
	Deduction of 200mm dia pipe										
	Brick work	1.00		1	1.40	1.10	1.050	1.62			
	soling							0.00			
	PCC	1.00		1	1.6	1.30	0.25	0.52			
	Murrum bedding							0.00			
	Total (B)							2.14			
				Net Qty = A - B				1.95		24.580	26.525
	PAWAN NAGAR -GN-4	In front of Masjid									
	PM1										
	CH0.00	595.335	594.375	594.125			1.210				
	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	4.000	1.010	3.171		44.776	47.948
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		2.512	3.140
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		0.000	0.000
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.000	0.000		3.768	3.768
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.492		31.037	32.529
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.799			
	Deduction of 200mm dia pipe										
	Brick work	1.00		0.785	1.16	1.16	0.960	1.01			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.49			

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Sublet XII: Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Bancwadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Bancwadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP 04 pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 154

Page No. :-

Name of Agency:- Mis Khilari Infrastructure Pvt Ltd & GRGPL (Joint Venture)

Pawan Nagar-MH-Excavation

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
				Net Qty = A - B				2.31		26.525	28.832
	Excavation of Chamber - For 0.9m x 0.6m chamber up to 1.5 mt depth - 0.9+0.5+0.3+0.3=2m										
	Area for chember up to 1.5m=0.6+0.5+0.3+0.3=1.7m										
	PM2										
	CH4.60	595.635	594.465	594.215			1.420				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.220	4.148		47.948	52.096
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		3.140	3.820
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.768
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. : 11 Transportation of earth Transportation charges							2.32		32.529	34.850
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.828			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	1.170	1.802			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							2.322			
				Net Qty = A - B				2.506		28.832	31.339
	PM3										
	CH11.30	595.745	594.955	594.705			1.040				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.840	2.856		52.096	54.952
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		3.820	4.500

Khilari Infra Pvt. Ltd. Mumbai

Fortress Infrastructure Advisors Pvt. Ltd. Division of Fortress Financial Services Ltd.

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.768
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. : 11 Transportation of earth Transportation charges							1.74		34.850	36.587
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.536**			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	0.790	1.217			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							**1.737**			
				Net Qty = A - B				**1.799**		31.339	33.138
	PM4										
	CH19.90	596.355	595.105	594.855			1.500				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.300	4.420		54.952	59.372
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		4.500	5.180
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.768
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. : 11 Transportation of earth Transportation charges							2.45		36.587	39.032
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**5.100**			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	1.250	1.925			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							**2.445**			
				Net Qty = A - B				**2.655**		33.138	35.793

Khilari Infra Pvt. Ltd. Navi Mumbai

Kartikeya Infrastructure Advisory Services

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	PM5										
	CH26.90	596.075	595.125	594.875			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.000	3.400		59.372	62.7
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.0
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		5.180	5.
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0
	Item No. : 11 Transportation of earth Transportation charges							1.98		39.032	41
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.080**			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	0.950	1.463			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							**1.983**			
				Net Qty = A - B				**2.097**		35.793	37.
	PM6										
	CH35.75	596.275	595.275	595.025			1.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.050	3.570		62.772	
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		5.860	
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd. Division of Fortress Financial Services Ltd.

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. : 11 Transportation of earth Transportation charges							2.06		41.015	43.075
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.250**			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	1.000	1.540			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							**2.060**			
				Net Qty = A - B				**2.190**		37.890	40.080
	PM7										
	CH42.65	596.515	595.315	595.065			1.450				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.250	4.250		66.342	70.592
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		6.540	7.220
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.768
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. : 11 Transportation of earth Transportation charges							2.37		43.075	45.443
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.930**			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	1.200	1.848			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							**2.368**			
				Net Qty = A - B				2.562		40.080	42.642
	PM8										
	CH51.05	596.875	595.375	595.125			1.750				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Auditors LLP Division of Fortress Financial Services LLP

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.500	5.100		70.592	75.692
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.050	0.170		0.000	0.170
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		7.220	7.220
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.200	0.680		0.000	0.680
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.768
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. : 11 Transportation of earth Transportation charges							2.83		45.443	48.27
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**5.950**			
	Deduction										
	Brick work	1.000		1.000	1.400	1.100	1.500	2.310			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							**2.830**			
				Net Qty = A - B				**3.120**		42.642	45.76
	PM9										
	CH58.25	596.945	595.445	595.195			1.750				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.500	5.100		75.692	80.7
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.050	0.170		0.170	0.3
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		7.220	7.2
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.200	0.680		0.680	1.3
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.000	0.000		3.768	3.768
	(b) For Lift 1.5 to 3.0m	1			2.000	1.700	0.000	0.000		0.000	0.000
	Item No. : 11 Transportation of earth Transportation charges							2.83		48.273	51.103
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**5.950**			
	Deduction										

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Ltd. Division of Fortress Financial Services Ltd.

AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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

Book No. :- 159

Page No. :-

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

Pawan Nagar-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							
	Brick work	1.000		1.000	1.400	1.100	1.500	2.310			
	soling							0.000			
	PCC	1.000		1.000	1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							2.830			
				Net Qty = A - B				3.120		45.762	48.882

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure & Advisory Services Divisions of Fortress Engineering Services LLP

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

Book No. :-

Page No. :- 161

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

A horit

Pawan Nagar-Raised Manhole

9th R A BILL MEASURMENTS OF BBM WORK

Date of Measurement	Date	Particulars of work	DETAILS No	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date
	A						Pawan Nagar			
		Rising Manhole	PN1			MH Depth=	0.82			
		Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
			3.14	0.817	0.230	0.300	0.177		0.000	0.177
		Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.								
			3.14	0.560	0.000	0.400	0.703		0.000	0.703
		Extra Item :4(c) - 20mm thk. External Plaster for manhole etc complete.								
			3.14	1.020	0.000	0.400	1.281		0.000	1.281
		Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
		(a) Internal wall	3.14	0.560	0.000	0.400	0.703		0.000	0.703
		(c) External wall	3.14	1.020	0.000	0.400	1.281		0.000	1.281
							1.984		0.000	1.984
			PN3			MH Depth=	0.96			
		Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
			3.14	0.816	0.230	0.300	0.177		0.177	0.354
		Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.								
			3.14	0.560	0.000	0.400	0.703		0.703	1.407
		Extra Item :4(c) - 20mm thk. External Plaster for manhole etc complete.								
			3.14	1.020	0.000	0.400	1.281		1.281	2.562
		Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
		(a) Internal wall	3.14	0.560	0.000	0.400	0.703		0.000	0.703
		(c) External wall	3.14	1.020	0.000	0.400	1.281		0.000	1.281
							1.984		1.984	3.969
			PN3.2			MH Depth=	1.43			
		Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
			3.14	0.814	0.230	0.300	0.176		0.354	0.530

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Division of Fortress Financial Services LLP

Pawan Nagar-Raised Manhole

Date	Particulars of work	DETAILS No	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date
	Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
	(a) Internal wall	3.14	0.560	0.000	0.400	0.703		0.000	0.703
	(c) External wall	3.14	1.020	0.000	0.400	1.281		0.000	1.281
						1.984		7.938	**9.922**
		PT14			MH Depth=	**1.40**			
	Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
		3.14	0.814	0.230	0.200	0.118		0.883	**1.000**
	Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.								
		3.14	0.560	0.000	0.300	0.528		3.517	**4.044**
	Extra Item :4(c) - 20mm thk. External Plaster for manhole etc complete.								
		3.14	1.020	0.000	0.300	0.961		6.406	**7.366**
	Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
	(a) Internal wall	3.14	0.560	0.000	0.300	0.528		0.000	0.528
	(c) External wall	3.14	1.020	0.000	0.400	1.281		0.000	1.281
						1.809		9.922	**11.731**
		PT15			MH Depth=	**1.46**			
	Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.								
		3.14	0.814	0.230	0.200	0.118		1.000	**1.118**
	Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.								
		3.14	0.560	0.000	0.300	0.528		4.044	**4.572**
	Extra Item :4(c) - 20mm thk. External Plaster for manhole etc complete.								
		3.14	1.020	0.000	0.300	0.961		7.366	**8.327**
	Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
	(a) Internal wall	3.14	0.560	0.000	0.300	0.528		0.000	0.528
	(c) External wall	3.14	1.020	0.000	0.400	1.281		0.000	1.281
						1.809		11.731	**13.540**

Khilari Infra Pvt. Ltd. Mumbai

Fortress Infrastructure Advisory Services Ltd. Division of Fortress Financial Services Ltd.

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

Book No. :- 163
Page No. :-

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

Pawan Nagar-CHEMBER

9th R A BILL MEASURMENTS CHEMBER DETAILS

SR NO	CHEMBER NUMBER	DETAILS No GL	IL	DEPTH	Rebate up to Depth of 1.5 For per 30 cm		Total Rebate Qty for 30
1	PAWAN NAGAR N9-GN-2						
A	**Extra Item,02:** Providing and constructing on sewer.BBM manhole 0.9 Dia at bottom & 0.5 Dia at top and up to a depth of 1.5 M etc., complete						
1	PN 2	594.040	593.040	1.000	1.5	-0.500	-1.67
	Total					-0.500	-1.67
2	PAWAN NAGAR -GN-3						
A	**Extra Item,02:** Providing and constructing on sewer.BBM manhole 0.9 D at bottom & 0.5 D at top and up to a depth of 1.5 M etc., complete						
1	PT 1	592.080	590.980	1.10	1.5	-0.40	
2	PT 2	592.020	591.020	1.00	1.5	-0.50	
3	PT 3	592.100	591.150	0.95	1.5	-0.55	
4	PT 4	592.560	591.320	1.24	1.5	-0.26	
5	PT 5	592.600	591.400	1.20	1.5	-0.30	
6	PT 6	592.630	591.460	1.17	1.5	-0.33	
7	PT 7	592.760	591.560	1.20	1.5	-0.30	-15.93
8	PT 8	592.780	591.620	1.16	1.5	-0.34	
9	PT 9	592.840	591.720	1.12	1.5	-0.38	
10	PT 10	592.850	591.780	1.07	1.5	-0.43	
11	PT 11	593.000	591.950	1.05	1.5	-0.45	
	PAWAN NAGAR -GN-4						
12	PM1	595.335	594.375	0.96	1.5	-0.54	
						-4.78	-15.93
B	**Extra Item,03:** Providing and constructing on sewer.BBM manhole size 0.9 mt. X 0.6 mt. and up to a depth of 1.5 M etc., complete						
1	PM2	595.635	594.465	1.17	1.5	-0.33	
2	PM3	595.745	594.955	0.79	1.5	-0.71	
3	PM4	596.355	595.105	1.25	1.5	-0.25	
4	PM5	596.075	595.125	0.95	1.5	-0.55	-8.8
5	PM6	596.275	595.275	1.00	1.5	-0.50	
6	PM7	596.515	595.315	1.20	1.5	-0.30	
7	PM8	596.875	595.375	1.50	1.5	0.00	
8	PM9	596.945	595.445	1.50	1.5	0.00	
						-2.64	-8.8

Pawan Nagar-Quantity Abstract

QUANTITY ABSTRACT

PAWAN NAGAR

SR NO	Discription	MB/PG	ITEM 1		ITEM 2		ITEM 4	ITEM 7	ITEM 11	ITEM 12	ITEM 13	ITEM 21.1	ITEM 30	Extra Item 2	Extra Item 2.a	Extra Item 3	Extra Item 3.a	Extra Item 4			
			0-1.5	1.5-3.0	0-1.5	1.5-3.0	0-1.5			200mm	200mm	Rebate		0-1.5 m	Rebate	0-1.5 m	Rebate	a	b	c	d
1	For Pipe		151.304	0.000	9.872	1.496	9.772	14.896	21.578	225.800	225.800		150.867								
2	For Manhole		80.792	0.340	7.220	1.360	3.768		51.103			0.000	48.882	13.000	-17.600	8.00	-8.80	1.118	4.572	8.327	13.540
		Total	232.096	0.340	17.092	2.856	13.540	14.896	72.681	225.800	225.800	0.000	199.749	13.000	-17.600	8.00	-8.80	1.118	4.572	8.327	13.540

Khillari Infra Pvt. Ltd. Navi Mumbai — CONTRACTOR

Authorized Signatory

Fortress Infrastructure Advisory Services — Division of Fortress Financial Services Ltd.

PMC

Project Engineer

Fortress Infrastructure Advisory Services — Division of Fortress Financial Services Ltd.

Project Incharge

CLIENT

Jr. Engineer

Dy. Engineer

Ex. Engineer

27/8/16

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Sofer Alt. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zaltu, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commissioning of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zaltu, W-No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main by GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.9: STP for Aurangabad City.

Book No. :- Page No. :-

164

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

Book No. :- 165

Page No. :-

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

Pipe lying MB Mayurpark

9th R A BILL MEASURMENTS DWC PIPE MAYURPARK

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	DWC - 200mm Dia	NEAR HANUMAN TEMPLE									
	Width of Trench - For Lift 0 to 1.50m- 0.200+0.5=0.700m										
	For Lift 1.5 to 3.00m- 0.200+0.5+0.4=1.100m										
	For Lift 3.0 to 4.5m- 0.200+0.5+0.4+0.4=1.500m										
	MP 01 to MP 02										
	CH0.00	603.880	602.100	602.000			1.880	2.005			
	CH5.30	604.070	602.040	601.940			2.130				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.120	1.100	1.250	4.290		0.000	4.290
	(b) For Lift 1.5m to 3.0m	1			3.120	0.700	0.505	1.103		0.000	1.103
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.120	1.100	0.150	0.515		0.000	0.515
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.120	1.100	0.100	0.343		0.000	0.343
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			3.620	0.700	0.100	0.253		0.000	0.253
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.367		0.000	0.367
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.120			4.120		0.000	4.120
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.251			
	Deduction of 200mm dia pipe										
	pipe area	1		0.785	3.620	0.200	0.200	0.114			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.253			
								0.367			
				Net Qty = A - B				5.884		0.000	5.884
	MP 02 to MP 03										
	CH5.30	604.070	602.040	601.940			2.130	1.940			
	CH17.60	603.470	601.820	601.720			1.750				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										

Page 2

Pipe lying MB Mayurpark

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	(a) For Lift 0 to 1.5m	1			10.120	1.100	1.500	16.698		4.290	20.988
	(b) For Lift 1.5m to 3.0m	1			10.120	0.700	0.440	3.117		1.103	4.220
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.620	0.700	0.100	0.743		0.253	0.997
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.077		0.367	1.444
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			11.120			11.120		4.120	15.240
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**19.815**			
	Deduction of 200mm dia pipe										
	pipe area	1		0.785	10.620	0.200	0.200	0.333			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.743			
								1.077			
				Net Qty = A - B				**18.738**		5.884	24.622
	DWC - 200mm Dia	**MAROTI NAGAR GALLI NO. 01**									
	MPG 01 to MPG 02										
	CH0.00	602.000	600.640	600.540			1.460	1.325			
	CH20.30	603.080	601.990	601.890			1.190				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.450	0.700	1.075	13.884		20.988	34.872
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.450	0.700	0.150	1.937		0.515	2.452
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.450	0.700	0.100	1.292		0.343	1.635
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			18.750	0.700	0.100	1.313		0.997	2.30
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.901		1.444	3.345
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			19.250			19.250		15.240	34.49
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**17.112**			
	Deduction of 200mm dia pipe										
	pipe area	1		0.785	18.750	0.200	0.200	0.589			
	soling							0.000			
	PCC							0.000			

Khillari Infra Pvt. Ltd. Navi Mumbai

Advisory Services Fortress Infrastructure

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

Book No. :-

Page No. :-

Page 3

Pipe lying MB Mayurpark

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murrum bedding							1.313			
								1.901			
				Net Qty = A - B				15.211		24.622	39.833
	MPG 02 to MPG 03										
	CH20.30	603.080	601.990	601.890			1.190	0.970			
	CH31.30	602.650	602.000	601.900			0.750				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.300	0.700	0.970	6.315		34.872	41.186
	(b) For Lift 1.5m to 3.0m	1			9.300	0.700	0.000	0.000		4.220	4.220
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			9.600	0.700	0.100	0.672		2.309	2.981
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.973		3.345	4.319
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			10.100			10.100		34.490	44.590
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**6.315**			
	Deduction of 200mm dia pipe										
	pipe area	1		0.785	9.600	0.200	0.200	0.301			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.672			
								0.973			
				Net Qty = A - B				5.341		39.833	45.174
	MPG 04 to MPG 05										
	CH0.00	602.320	600.680	600.580			1.740	1.825			
	CH10.50	602.510	600.700	600.600			1.910				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.950	1.100	1.500	14.768		41.186	55.954
	(b) For Lift 1.5m to 3.0m	1			8.950	0.700	0.325	2.036		4.220	6.256
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.950	1.100	0.000	0.000		2.452	2.452
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.950	1.100	0.000	0.000		1.635	1.635
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			8.950	0.700	0.100	0.627		2.981	3.608
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.908		4.319	5.226

Khillari Infra Pvt. Ltd. Navi Mumbai

Advisory Services

Pipe lying MB Mayurpark

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.450			9.450		44.590	54.040
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**16.804**			
	Deduction of 200mm dia pipe										
	pipe area	1		0.785	8.950	0.200	0.200	0.281			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.627			
								0.908			
				Net Qty = A - B				**15.896**		45.174	61.070

Khilari Infra Pvt.Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Ltd. Division Fortress Financial Services Ltd.

9th R A BILL MEASURMENTS OF CHEMBERS MAYURPARK

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Excavation of Chamber - For 1.20 dia chamber (upto 2.0m depth)- 1.20+0.50+0.5+0.5=2.66m										
	Area for chember upto 2m=2.66*2.66=7.075m										
	Excavation of Chamber - For 0.9 dia chamber up to 1.5 mt depth -0.9+0.5+0.3+0.3=2m										
	Area for chember up to 1.5m=2 X 2=4m										
	DWC - 200mm Dia	NEAR HANUMAN TEMPLE									
	MP 02										
	CH5.30	604.070	602.040	601.790			2.280				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.250	6.942		0.000	6.942
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.780	4.332		0.000	4.332
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.150	0.833		0.000	0.833
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	0.100	0.555		0.000	0.555
	Item No. : 11 Transportation of earth Transportation charges							3.489		0.000	3.489
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**12.663**			
	Deduction										
	Brick work	1		0.785	1.310	1.310	2.030	2.735			
	soling							0.000			
	PCC	1		0.785	1.960	1.960	0.250	0.754			
	Murrum bedding							0.000			
	Total (B)							**3.489**			
				Net Qty = A - B				9.174		0.000	9.174
	DWC - 200mm Dia	MAROTI NAGAR GALLI NO. 01									
	MPG 02										
	CH20.30	603.080	601.990	601.740			1.340				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.090	3.423		6.942	10.365
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.000	0.000		4.332	4.332
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		0.833	1.304

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Ltd. Division of Fortress Financial Services Ltd.

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

Book No. :- 170

Page No. :-

Manhole MB Mayurpark

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.555	0.869
	Item No. : 11 Transportation of earth Transportation charges							1.629		3.489	5.118
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.208**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.090	1.151			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.629**			
				Net Qty = A - B				**2.579**		9.174	11.753

Khillari Infra Pvt. Ltd. Navi Mumbai

Fortress Advisory Services Fortress Infrastructure Services Ltd. Divisional Fortress Financial

Manhole Details Mayurpark

9th R A BILL MEASURMENTS CHEMBER DETAILS MAYURPARK

SR NO	CHEMBER NUMBER	DETAILS No			Rebate up to Depth of 2.0 mtr		Total Rebate Qty for 50 cm
		GL	IL	DEPTH	For per 50 cm		
A	**Item No. 21 :** Providing and constructing on sewer.BBM manhole 1.2 m dia at bottom and 0.5 m dia at top and up to a depth of 2.0 M etc., complete						
1	MAYURPARK						
1	MP 02	604.070	602.040	2.030	2.000	0.030	0.060
	TOTAL					0.030	0.060

SR NO	CHEMBER NUMBER	DETAILS No			Rebate up to Depth of 1.5 mtr		Total Rebate Qty for 30 cm
		GL	IL	DEPTH	For per 30 cm		
B	**Extra Item No. 02 :** Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete						
1	MAYURPARK						
1	MPG 02	603.080	601.990	1.090	1.500	-0.410	-1.367
	TOTAL					-0.410	-1.367

Khilari Infra Pvt. Ltd. * Navi Mumbai *

Fortress Infrastructure Advisory Services Ltd. * Divisional Fortress Financial Services Ltd.

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

Book No. :- 172

Page No. :-

Name o

Author

Date of Measurement

1

1.

BBM Trench Mayurpark

9th R A BILL MEASURMENTS OF BBM WORK MAYURPARK

Date	Particulars of work	DETAILS				Content of arrears	Last measurment		Total Upto Date Quantity
		No	L	B	D		Page	Quantity	
A	MAYURPARK								
	Extra Item No:, 4	MPG 5 Avg Dia 0.95 m							
	Extra Item :4(a) - Construction of Brick work of 230mm thk. for manhole etc complete.	3.14	0.950	0.230	1.000	0.686		0.000	0.686
									0.686
	Extra Item :4(b) - 12mm thk. Internal Plaster for manhole etc complete.	3.14	0.700	0.000	1.100	2.418		0.000	2.418
									2.418
	Extra Item :4(c) - 20mm thk. External Plaster for manhole etc complete.	3.14	1.200	0.000	1.100	4.145		0.000	4.145
									4.145
	Extra Item :4(d) - Providing fine Cement finish 1.5mm thk. for manhole etc complete.								
	(a) Wall Internal	3.14	0.700	0.000	1.100	2.418		0.000	2.418
	(b) Wall External	3.14	1.200	0.000	1.100	4.145		0.000	4.145
									6.563

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Advisory Services Ltd. Division of Fortress Financial Services Ltd.

Qty Mayurpark

QUANTITY ABSTRACT

MAYURPARK

Sr. No.	Discription	MB/PG	ITEM 1		ITEM 2	ITEM 4	ITEM 7	ITEM 11	ITEM 12	ITEM 13	ITEM 21	ITEM 21.1	ITEM 30	Extra Item 2	Extra Item 2.a	Extra Item 4			
			0-1.5	1.5-3.0	0-1.5	0-1.5			200mm	200mm	0-2 m	Rebate		0-1.5 m	Rebate	a	b	c	d
1	For Pipe		55.954	6.256	2.452	1.635	3.608	5.226	54.040	54.040			61.070						
2	For Manhole		10.365	4.332	1.304	0.869		5.118			1.000	0.060	11.753	1.000	-1.367	0.686	2.418	4.145	6.563
		Total	66.319	10.588	3.756	2.504	3.608	10.344	54.040	54.040	1.000	0.060	72.823	1.000	-1.367	0.686	2.418	4.145	6.563

CONTRACTOR — Khilari Infra Pvt. Ltd. Navi Mumbai — Authorized Signatory

PMC — Advisory Services Fortress Infrastructure — Project Engineer — Project Manager

CLIENT — Jr. Engineer — Dy. Engineer — Ex. Engineer

27/8/16

Name of work:- Development of Underground Sewerage Collection system for Zone No 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 Co[illegible] of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zal[illegible] No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising [illegible] GRP DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.-

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

Book No. :- 1[illegible]

Page No. :-

9th R A BILL MEASURMENTS DWC PIPE CHANDRANAGAR SOCIETY-02

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	DWC - 315 mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
	CSC1 TO CSC2										
	CH0.00	584.345	583.175	583.075			1.270	1.548			
	CH14.60	585.067	583.342	583.242			1.826				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.600	0.815	1.200	13.301		0.000	13.301
	(b) For Lift 1.5m to 3.0m	1			13.600	0.815	0.048	0.530		0.000	0.530
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.600	0.815	0.300	3.325		0.00	3.325
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.900	0.815	0.100	1.133		0.00	1.133
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.216		0.000	2.216
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			14.150			14.150		0.000	14.150
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							17.156			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	13.900	0.315	0.315	1.08			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.13			
								2.22			
				Net Qty = A - B				14.94		0.00	14.94
	CH14.60	585.067	583.342	583.242			1.826	2.048			
	CH22.10	585.645	583.475	583.375			2.270				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	1.215	1.250	9.872		13.301	23.173

Knitwell Infra Pvt. Ltd. New Mumbai

Fortress Infrastructure Services

Page 2

Pipe Lying MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(b) For Lift 1.5m to 3.0m	1			6.500	0.815	0.548	2.902		0.530	3.431
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	1.215	0.150	1.185		3.325	4.510
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	1.215	0.100	0.790		0.000	0.790
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.800	0.815	0.100	0.554		1.133	1.687
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.084		2.216	3.299
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			7.050			7.050		14.150	21.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**14.748**			
	Deduction of 315mm dia [illegible] **pe**										
	[illegible] pe area	1.00		0.785	6.800	0.315	0.315	0.53			
	so[illegible]ng							0.00			
	PC[illegible]							0.00			
	[illegible]m bedding							0.55			
								1.08			
				Net Qty = A - B				**13.66**		14.94	28.60
	[illegible]SC3										
		585.645	583.475	583.375			2.270	1.655			
	[illegible]	584.625	583.685	583.585			1.040				
	Item [illegible] Excavation for foundation/[illegible]pe trenches in earth soils, So[illegible] murrum etc complete.										
	(a) For Lift 0 to [illegible]5m	1			9.100	1.215	1.500	16.585		23.173	39.757
	(b) For Lift 1.5m t[illegible] 3.0m	1			9.100	0.815	0.155	1.150		3.431	4.581
	Item No. 7 :- Filling [illegible] plinth and floors/ trenches [illegible] complete.(bedding)	1			9.700	0.815	0.100	0.791		1.687	2.478
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.546		3.299	4.846
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.200			10.200		21.200	31.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**17.734**			

Pipe Lying MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	9.700	0.315	0.315	0.76			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.79			
								1.55			
				Net Qty = A - B				**16.19**		28.60	44.79
	CSC3 TO CSC4										
	CH33.20	584.625	583.685	583.585			1.040	0.953			
	CH47.65	584.675	583.910	583.810			0.865				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.450	0.815	0.953	9.665		39.757	49.422
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			13.050	0.815	0.100	1.064		2.478	3.541
	Item No. 11 Transportation of earth Transportation charges including loading &							2.080		4.846	6.926
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			13.550			13.550		31.400	44.950
	Item No. Refilling the excavated trenches ...										
	Total Excavation=							**9.665**			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	13.050	0.315	0.315	1.02			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.06			
								2.08			
				Net Qty = A - B				7.58		44.79	52.38
	CSC4 TO CSC5										
	CH47.65	584.675	583.910	583.810			0.865	0.827			
	CH61.15	585.285	584.595	584.495			0.790				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.500	0.815	0.627	5.881		49.422	55.303
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.500	0.815	0.200	1.875		4.510	6.384
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.100	0.815	0.100	0.986		3.541	4.527

Kalpataru Infra Pvt. Ltd. Mumbai

Fortress Infrastructure Advisory Services

Page 4

Pipe Lying MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.929		6.926	8.854
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			12.600			12.600		44.950	57.550
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**7.756**			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	12.100	0.315	0.315	0.94			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.99			
								1.93			
				Net Qty = A - B				**5.83**		52.38	58.20
	CSC5 TO CSC6										
	CH61.15	585.285	584.595	584.495			0.790	0.960			
	CH75.40	585.815	584.785	584.685			1.130				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.250	0.815	0.760	7.588		54.303	62.891
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.250	0.815	0.200	1.997		6.384	8.381
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.850	0.815	0.100	1.047		4.527	5.575
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.048		8.854	10.902
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			13.350			13.350		57.550	70.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**9.584**			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	12.850	0.315	0.315	1.00			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.05			
								2.05			
				Net Qty = A - B				**7.54**		58.20	65.74
	CSC6 TO CSC7										
	CH75.40	585.815	584.785	584.685			1.130	1.115			

Pipe Lying MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	CH94.60	586.435	585.435	585.335			1.100	1.115			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.200	0.815	1.115	15.630		62.891	78.521
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			17.800	0.815	0.100	1.451		5.575	7.025
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.837		10.902	13.740
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			18.300			18.300		70.900	89.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**15.630**			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	17.800	0.315	0.315	1.39			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.45			
								2.84			
				Net Qty = A - B				12.79		65.74	78.53
	CSC7 TO CSC8										
	CH94.60	586.435	585.435	585.335			1.100	0.880			
	CH102.20	586.265	585.705	585.605			0.660				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.600	0.815	0.880	4.016		78.521	82.537
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.200	0.815	0.100	0.505		7.025	7.53
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.988		13.740	14
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			6.700			6.700		89.200	95.90
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**4.016**			
	Deduction of 315mm dia pipe										
	pipe area	1.00		0.785	6.200	0.315	0.315	0.48			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.51			

Pipe Lying MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
								0.99			
				Net Qty = A - B				3.03		78.53	81.56
	CSC8 TO CSC9	DWC 200mm Dia Pipe									
	CH102.20	586.265	585.705	585.605			0.660	0.675			
	CH118.70	586.525	585.935	585.835			0.690				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			14.500	0.750	0.675	7.341		82.537	89.878
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.100	0.750	0.100	1.133		7.531	8.663
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.873		14.728	16.601
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			15.600			15.600		0.000	15.600
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.341			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	15.100	0.250	0.250	0.74			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.13			
								1.87			
				Net Qty = A - B				5.47		81.56	87.03
	CSC9 TO CSC10										
	CH118.70	586.525	585.935	585.835			0.690	0.935			
	CH134.30	587.565	586.485	586.385			1.180				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.600	0.750	0.935	9.537		89.878	99.415
	(b) For Lift 1.5m to 3.0m	1			13.600	0.750	0.000	0.000		4.581	4.581
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.600	0.750	0.000	0.000		8.381	8.381
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			13.600	0.750	0.000	0.000		0.790	0.790
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			14.200	0.750	0.100	1.065		8.663	9.728

Khilari Infra Pvt. Ltd.

Portfolio Infrastructure Advisory Services

Page 7

Pipe Lying MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.762		16.601	18.363
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			14.700			14.700		15.600	30.300
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia									95.900	95.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**9.537**			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	14.200	0.250	0.250	0.70			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							1.07			
								1.76			
				Net Qty = A - B				7.78		87.03	94.80
	Item No :35 Shifting of Existing Utilities Length considerd up to 400mm including all and as directed by Engineer in-Charge				0.117			0.117			0.117

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

9th R A BILL MEASURMENTS DWC CHEMBER CHANDRANAGAR SOCIETY-02

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		GL	IL	EX.L					Page	Quantity	
	DWC - 315mm Dia										
	Excavation of Chamber - For 0.9 mt. Dia of chamber up to Depth of 1.5mt.- 0.9+0.5+0.3+0.3=2.0m										
	Area for chember up to Depth of 2m= 2 * 2=4m										
	CSC1										
	CH0.00	584.345	583.175	582.925			1.420				
	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	4.000	1.420	4.459		0.000	4.459
	Item No. : 11 Transportation of earth Transportation charges							1.713		0.000	1.713
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.459**			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.170	1.24			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.71**			
				Net Qty	= A - B			2.75		0.00	2.75
	CSC2										
	CH22.10	585.645	583.475	583.225			2.420				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925		4.459	8.384
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.920	2.889		0.000	2.889
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		0.000	0.471
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.000	0.314
	Item No. : 11 Transportation of earth Transportation charges							2.770		1.713	4.483
	Item No. 30 :- Refilling the excavated trenches ...										

Khilari Infra Pvt. Ltd. Navi Mumbai

Kalpataru Infrastructure Advisory Services

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

Book No. :-

Page No. :-

Manhole MB Chandranagar Society-300 dwc

Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
	No			L	B	D		Page	Quantity	
	GL	IL	EX.L							
Total Excavation(A)=							**7.599**			
Deduction										
Brick work	1.00		0.785	1.16	1.16	2.170	2.29			
soling							0.00			
PCC	1.00		0.785	1.56	1.56	0.25	0.48			
Murrum bedding							0.00			
Total (B)							**2.77**			
			Net Qty = A - B				**4.83**		2.75	7.57
CSC3										
CH33.20	584.625	583.685	583.435			1.190				
Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
(a) For Lift 0 to 1.5m	1			0.785	4.000	1.190	3.737		8.384	12.120
Item No. : 11 Transportation of earth Transportation charges							1.471		4.483	5.954
Item No. 30 :- Refilling the excavated trenches ...										
Total Excavation(A)=							**3.737**			
Deduction										
Brick work	1.00		0.785	1.16	1.16	0.940	0.99			
soling							0.00			
PCC	1.00		0.785	1.56	1.56	0.25	0.48			
Murrum bedding							0.00			
Total (B)							**1.47**			
			Net Qty = A - B				**2.27**		7.57	9.84
CSC4										
CH47.65	584.675	583.910	583.660			1.015				
Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
(a) For Lift 0 to 1.5m	1			0.785	4.000	1.015	3.187		12.120	15.308
Item No. : 11 Transportation of earth Transportation charges							1.286		5.954	7.239
Item No. 30 :- Refilling the excavated trenches ...										
Total Excavation(A)=							**3.187**			
Deduction										
Brick work	1.00		0.785	1.16	1.16	0.765	0.81			
soling							0.00			
PCC	1.00		0.785	1.56	1.56	0.25	0.48			
Murrum bedding							0.00			
Total (B)							**1.29**			
			Net Qty = A - B				**1.90**		9.84	11.74
CSC5										
CH61.15	585.285	584.595	584.345			0.940				

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd.

Page 3

Manhole MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		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	4.000	0.740	2.324		15.308	17.631
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		0.471	1.099
	Item No. : 11 Transportation of earth Transportation charges							1.206		7.239	8.446
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**2.952**			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.690	0.73			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.21**			
				Net Qty = A - B				**1.75**		11.74	13.49
	CSC6										
	CH75.40	585.815	584.785	584.535			1.280				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.080	3.391		17.631	21.022
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.200	0.628		1.099	1.727
	Item No. : 11 Transportation of earth Transportation charges							1.566		8.446	10.011
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.019**			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.030	1.09			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.57**			
				Net Qty = A - B				**2.45**		13.49	15.94
	CSC7										
	CH94.60	586.435	585.435	585.185			1.250				

Khilari Infra Pvt.Ltd. Navi Mumbai

Manhole MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925		21.022	24.947
	Item No. : 11 Transportation of earth Transportation charges							1.534		10.011	11.545
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.925			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.000	1.06			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.53			
				Net Qty = A - B				2.39		15.94	18.33
	CSC8										
	CH102.20	586.265	585.705	585.455			0.810				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.810	2.543		24.947	27.491
	Item No. : 11 Transportation of earth Transportation charges							1.069		11.545	12.614
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.543			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	0.560	0.59			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							1.07			
				Net Qty = A - B				1.47		18.33	19.81
	CSC9										
	CH118.70	586.525	585.935	585.685			0.840				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.840	2.638		27.491	30.128
	Item No. : 11 Transportation of earth Transportation charges							1.101		12.614	13.715
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.638			
	Deduction										

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

Manhole MB Chandranagar Society-300 dwc

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Brick work	1.00		0.785	1.16	1.16	0.590	0.62			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.10**			
				Net Qty = A - B				**1.54**		19.81	21.34
	CSC10										
	CH134.30	587.565	586.485	586.235			1.330				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.330	4.176		30.128	34.305
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		2.889	2.889
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.000	0.000		1.727	1.727
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.000	0.000		0.314	0.314
	Item No. : 11 Transportation of earth Transportation charges							1.618		13.715	15.334
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.176**			
	Deduction										
	Brick work	1.00		0.785	1.16	1.16	1.080	1.14			
	soling							0.00			
	PCC	1.00		0.785	1.56	1.56	0.25	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.62**			
				Net Qty = A - B				2.56		21.34	23.90

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

9th R A BILL MEASURMENTS CHEMBER DETAILS CHANDRANAGAR SOCIETY-02

SR NO	CHEMBER NUMBER	DETAILS No			Rebate up to Depth of 1.5		Total Rebate Qty for 30 cm
		MTL	IL	DEPTH	For per 30 cm		
A	**Extra Item. No.02:** Providing and constructing on sewer.BBM manhole 0.9 m dia at bottom and 0.5 m dia at top and up to a depth of 1.5 M etc., complete						
1	CSC1	585.225	583.175	2.050	1.5	0.550	
2	CSC2	586.045	583.475	2.570	1.5	1.070	
3	CSC3	585.675	583.685	1.990	1.5	0.490	
4	CSC4	585.765	583.910	1.855	1.5	0.355	
5	CSC5	586.435	584.595	1.840	1.5	0.340	10.483
6	CSC6	586.545	584.785	1.760	1.5	0.260	
7	CSC7	587.125	585.435	1.690	1.5	0.190	
8	CSC8	587.265	585.705	1.560	1.5	0.060	
9	CSC9	587.485	585.935	1.550	1.5	0.050	
10	CSC10	587.765	586.485	1.280	1.5	-0.220	
	Total					**3.145**	**10.483**

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

QUANTITY ABSTRACT RA 9th
CHANDRANAGAR SOCIETY-02

SR NO	Discription	MB/PG	ITEM 1		ITEM 2	ITEM 4	ITEM 7	ITEM 11	ITEM 12		ITEM 13		ITEM 30	ITEM 35	Extra Item 2	Extra Item 2.a
			0-1.5	1.5-3.0	0-1.5	0-1.5			250mm	315mm	250mm	315mm			0-1.5 m	Rebate
1	For Pipe		99.415	4.581	8.381	0.790	9.728	18.363	30.300	95.900	30.300	95.900	94.804	0.117		
2	For Manhole		34.305	2.889	1.727	0.314		15.334					23.901		10.000	10.483
		Total	133.720	7.470	10.108	1.104	9.728	33.696	30.300	95.900	30.300	95.900	118.705	0.117	10.000	10.483

CONTRACTOR — Authorized Signatory

PMC — Project Engineer — Project Manager

CLIENT — Jr. Engineer — Dy. Engineer — Ex. Engineer

27/8/16

Tampare Sir.doc-Page 1

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

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

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

Book No. :-

Page No. :- 187