Manhole MB Puspnagari (Near bus stand)

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			0.785	4.000	0.100	0.314		6.013	6.327
	Item No. : 11 Transportation of earth Transportation charges							1.777		34.205	35.982
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.647			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.230	1.30			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.78			
				Net Qty	= A - B			2.87		79.00	81.87
	PN4.4										
	CH64.70	561.235	560.050	559.800			1.435				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.185	3.721		76.692	80.412
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		9.491	9.962
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		6.327	6.641
	Item No. : 11 Transportation of earth Transportation charges							1.729		35.982	37.711
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.506			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.185	1.25			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.73			
				Net Qty	= A - B			2.78		81.87	84.65
	PN4.5										
	CH72.70	561.405	560.085	559.835			1.570				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925		80.412	84.337

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd.

Manhole MB Puspnagari (Near bus stand)

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		GL	IL	EX.L					Page	Quantity	
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.070	0.220		25.341	25.561
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		9.962	10.433
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		6.641	6.955
	Item No. : 11 Transportation of earth Transportation charges							1.872		37.711	39.583
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.930**			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.320	1.39			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.87**			
				Net Qty = A - B				3.06		84.65	87.70
	PN4.6										
	CH79.40	561.495	560.145	559.895			1.600				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925		84.337	88.262
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.100	0.314		25.561	25.875
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		10.433	10.904
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		6.955	7.269
	Item No. : 11 Transportation of earth Transportation charges							1.904		39.583	41.487
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**5.024**			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.350	1.43			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.90**			

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure

Manhole MB Puspnagari (Near bus stand)

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				3.12		87.70	90.82
	PN4.7										
	CH95.40	561.495	560.495	560.245			1.250				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.000	3.140		88.262	91.402
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.150	0.471		10.904	11.375
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		7.269	7.583
	Item No. : 11 Transportation of earth Transportation charges							1.534		41.487	43.021
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.925**			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.000	1.06			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							**1.53**			
				Net Qty = A - B				2.39		90.82	93.21
	PN3.1										
	CH6.00	560.690	559.265	559.015			1.675				
	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		91.402	98.345
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.175	0.972		25.875	26.847
	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		11.375	12.208
	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		7.583	8.138
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.674		43.021	45.694
	Item No. 30 :- Refilling the excavated trenches ...										

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory 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.

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Manhole MB Puspnagari (Near bus stand)

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D				
		GL	IL	EX.L					Page	Quantity	
	Total Excavation(A)=							**9.303**			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.425	1.92			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							**2.67**			
				Net Qty = A - B				**6.63**		93.21	99.84
	PN3.2										
	CH19.90	560.925	558.785	558.535			2.390				
	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		98.345	105.287
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.890	4.943		26.847	31.790
	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		12.208	13.041
	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		8.138	8.694
	Item No. : 11 Transportation of earth Transportation charges including loading &							3.637		45.694	49.331
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**13.274**			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	2.140	2.88			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							**3.64**			
				Net Qty = A - B				**9.64**		99.84	109.48
	PN3.3										
	CH34.90	561.095	559.775	559.525			1.570				
	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		105.287	112.229
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.890	4.943		31.790	36.733
	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		13.041	13.874

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Fortress Infrastructure Advisory Services

Manhole MB Puspnagari (Near bus stand)

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	7.075	0.100	0.555		8.694	9.249
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.532		49.331	51.863
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							13.274			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	1.320	1.78			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							2.53			
				Net Qty = A - B				10.74		109.48	120.22
	PN3.4										
	CH45.60	561.185	560.085	559.835			1.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.100	3.454		112.229	115.683
	(b) For Lift 1.5 to 3.0m	1			0.785	4.000	0.000	0.000		36.733	36.733
	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		13.874	14.345
	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		9.249	9.563
	Item No. : 11 Transportation of earth Transportation charges							1.640		51.863	53.503
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.239			
	Deduction										
	Brick work	1.00		0.785	1.160	1.160	1.100	1.16			
	soling							0.00			
	PCC	1.00		0.785	1.560	1.560	0.250	0.48			
	Murrum bedding							0.00			
	Total (B)							1.64			
				Net Qty = A - B				2.60		120.22	122.82

Khillari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

9th R A BILL MEASURMENTS CHEMBER DETAILS PUSPNAGARI (NEAR BUS STAND)

SR NO	CHEMBER NUMBER	DETAILS No GL	IL	DEPTH	Rebate up to Depth of 2.0 For per 50 cm		Total Rebate Qty for 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	PN1	558.793	556.485	2.308	2	0.308	
2	PN2	559.805	557.825	1.980	2	-0.020	
3	PN3	560.685	558.62	2.065	2	0.065	
4	PN4	560.755	559.335	1.420	2	-0.580	
5	PN5	560.955	559.395	1.560	2	-0.440	
6	PN6	561.185	559.435	1.750	2	-0.250	-4.734
7	PN7	561.325	559.495	1.830	2	-0.170	
8	PN8	561.550	559.715	1.835	2	-0.165	
9	PN3.1	560.690	559.265	1.425	2	-0.575	
10	PN3.2	560.925	558.785	2.140	2	0.140	
11	PN3.3	561.095	559.775	1.320	2	-0.680	
	Total					-2.367	-4.734

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 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							
1	PN6.1	561.195	560.185	1.010	1.5	-0.490	
2	PN4.1L	560.805	559.445	1.360	1.5	-0.140	
3	PN3.1L	560.770	559.935	0.835	1.5	-0.665	
4	PN4.1	560.865	559.605	1.260	1.5	-0.240	
5	PN4.2	561.025	559.775	1.250	1.5	-0.250	
6	PN4.3	561.195	559.965	1.230	1.5	-0.270	-12.000
7	PN4.4	561.235	560.050	1.185	1.5	-0.315	
8	PN4.5	561.405	560.085	1.320	1.5	-0.180	
9	PN4.6	561.495	560.145	1.350	1.5	-0.150	
10	PN4.7	561.495	560.495	1.000	1.5	-0.500	
11	PN3.4	561.185	560.085	1.100	1.5	-0.400	
	Total					-3.600	-12.000

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services LLP

JE

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

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QUANTITY ABSTRACT

PUSPNAGARI (NEAR BUS STAND)

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	ITEM 35	Extra Item 2		Extra Item 2.a
			0-1.5	1.5-3.0	0-1.5	0-1.5			200mm	200mm	0-2 m	0-2 m RR 1420	Rebate			0-1.5 m	0-1.5 m RR-1420	Rebate
1	For Pipe		353.335	56.187	43.505	29.004	22.217	32.182	328.630	328.630				449.849	0.324			
2	For Manhole		115.683	36.733	14.345	9.563		53.503			10.000	1.000	-4.734	122.822		10.000	1.000	-12.000
		Total	469.019	92.920	57.850	38.567	22.217	85.685	328.630	328.630	10.000	1.000	-4.734	572.671	0.324	10.000	1.000	-12.000

CONTRACTOR

Authorized Signatory

PMC

Project Engineer

Project Manager

Jr. Engineer

CLIENT

Dy. Engineer

Ex. Engineer

9th R A BILL MEASURMENTS DWC PIPE NAGESHWARWADI SUNDARNAGAR

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 - 315mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
	N1 to N2										
	CH0.00	556.410	555.490	555.390			1.020	0.990			
	CH17.10	556.690	555.830	555.730			0.960				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.100	0.815	0.890	10.953		0.000	10.953
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.100	0.815	0.100	1.231		0.000	1.231
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.700	0.815	0.100	1.280		0.000	1.280
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.502		0.000	2.502
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			16.200			16.200		0.000	16.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**12.183**			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	15.700	0.315	0.315	1.223			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.280			
								2.502			
				Net Qty = A - B				9.681		0.000	9.681
	N2 to N3										
	CH17.10	556.690	555.830	555.730			0.960	1.040			
	CH34.80	557.160	556.140	556.040			1.120				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.700	0.815	0.940	12.028		10.953	22.981
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										

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

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Pipe lying MB Nageshwarwadi Sundarnagar

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upt Date Quantity
	(a) For Lift 0 to 1.5m	1			15.700	0.815	0.100	1.280		1.231	2.51
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.300	0.815	0.100	1.328		1.280	2.60
	Item No. : 11 Transportation of earth Transportation charges							2.598		2.502	5.10
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			16.800			16.800		16.200	33.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							13.307			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	16.300	0.315	0.315	1.270			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.328			
								2.598			
				Net Qty = A - B				10.709		9.681	20.390
	N3 to N4										
	CH34.80	557.160	556.140	556.040			1.120	1.220			
	CH45.10	557.650	556.430	556.330			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			8.300	0.815	1.120	7.576		22.981	30.557
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.300	0.815	0.100	0.676		2.510	3.187
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.900	0.815	0.100	0.725		2.608	3.333
	Item No. : 11 Transportation of earth Transportation charges							1.419		5.101	6.519
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			9.400			9.400		33.000	42.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.253			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	8.900	0.315	0.315	0.693			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.725			
								1.419			
				Net Qty = A - B				6.834		20.390	27.224
	N4 to N5										
	CH45.10	557.650	556.430	556.330			1.320	1.200			

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Pipe lying MB Nageshwarwadi Sundarnagar

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	CH64.40	558.270	557.110	557.010			1.260	1.290			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.300	0.815	1.190	16.778		30.557	47.335
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.300	0.815	0.100	1.410		3.187	4.597
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			17.900	0.815	0.100	1.459		3.333	4.792
	Item No. : 11 Transportation of earth Transportation charges							2.853		6.519	9.372
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			18.400			18.400		42.400	60.800
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							18.188			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	17.900	0.315	0.315	1.394			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.459			
								2.853			
				Net Qty = A - B				15.335		27.224	42.560
	N5 to N6										
	CH64.40	558.270	557.110	557.010			1.260	1.225			
	CH86.20	558.900	557.810	557.710			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			19.800	0.815	1.125	18.154		47.335	65.489
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.800	0.815	0.100	1.614		4.597	6.210
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			20.400	0.815	0.100	1.663		4.792	6.455
	Item No. : 11 Transportation of earth Transportation charges							3.252		9.372	12.624
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			20.900			20.900		60.800	81.700
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							19.768			

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Pipe lying MB Nageshwarwadi Sundarnagar

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	1.000		0.785	20.400	0.315	0.315	1.589			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.663			
								3.252			
				Net Qty = A - B				16.516		42.560	59.076
	N6 to N7										
	CH86.20	558.900	557.810	557.710			1.190	1.185			
	CH94.70	559.120	558.040	557.940			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			6.500	0.815	1.085	5.748		65.489	71.237
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.500	0.815	0.100	0.530		6.210	6.740
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.100	0.815	0.100	0.579		6.455	7.033
	Item No. : 11 Transportation of earth Transportation charges							1.132		12.624	13.755
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			7.600			7.600		81.700	89.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**6.278**			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	7.100	0.315	0.315	0.553			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.579			
								1.132			
				Net Qty = A - B				5.146		59.076	64.222
	N7 to N8										
	CH94.70	559.120	558.040	557.940			1.180	1.165			
	CH104.80	559.240	558.190	558.090			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			8.100	0.815	1.065	7.031		71.237	78.268
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.100	0.815	0.100	0.660		6.740	7.400
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.700	0.815	0.100	0.709		7.033	7.743

Khillari Infra Pvt. Ltd. Navi Mumbai

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

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Pipe lying MB Nageshwarwadi Sundarnagar

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							1.387		13.755	15.142
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			9.200			9.200		89.300	98.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.691			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	8.700	0.315	0.315	0.678			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.709			
								1.387			
				Net Qty = A - B				6.304		64.222	70.526
	N8 to N9										
	CH104.80	559.240	558.190	558.090			1.150	1.185			
	CH118.10	559.490	558.370	558.270			1.220				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.300	0.815	1.085	9.992		78.268	88.260
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			11.300	0.815	0.100	0.921		7.400	8.321
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			11.900	0.815	0.100	0.970		7.743	8.712
	Item No. : 11 Transportation of earth Transportation charges							1.897		15.142	17.039
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			12.400			12.400		98.500	110.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							10.913			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	11.900	0.315	0.315	0.927			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.970			
								1.897			
				Net Qty = A - B				9.016		70.526	79.542
	N9 to N10										
	CH118.10	559.490	558.370	558.270			1.220	1.245			
	CH136.40	559.690	558.520	558.420			1.270				

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Pipe lying MB Nageshwarwadi Sundarnagar

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. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.300	0.815	1.145	15.211		88.260	103.471
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			16.300	0.815	0.100	1.328		8.321	9.650
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.900	0.815	0.100	1.377		8.712	10.090
	Item No. : 11 Transportation of earth Transportation charges							2.694		17.039	19.733
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			17.400			17.400		110.900	128.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**16.539**			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	16.900	0.315	0.315	1.316			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.377			
								2.694			
				Net Qty = A - B				**13.845**		79.542	93.388
	N10 to N11										
	CH136.40	559.690	558.520	558.420			1.270	1.240			
	CH140.30	559.710	558.600	558.500			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			1.900	0.815	1.140	1.765		103.471	105.236
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.900	0.815	0.100	0.155		9.650	9.804
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.500	0.815	0.100	0.204		10.090	10.293
	Item No. : 11 Transportation of earth Transportation charges							0.398		19.733	20.131
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			3.000			3.000		128.300	131.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.920			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	2.500	0.315	0.315	0.195			
	soling							0.000			

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. 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

Book No. :-

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Pipe lying MB Nageshwarwadi Sundarnagar

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	PCC							0.000			
	Murrum bedding							0.204			
								0.398			
				Net Qty = A - B				1.522		93.388	94.909
	N11 to N12										
	CH140.30	559.710	558.600	558.500			1.210	1.170			
	CH151.10	559.730	558.700	558.600			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			8.800	0.815	1.070	7.674		105.236	112.910
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.800	0.815	0.100	0.717		9.804	10.522
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.400	0.815	0.100	0.766		10.293	11.060
	Item No. : 11 Transportation of earth Transportation charges							1.498		20.131	21.629
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			9.900			9.900		131.300	141.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							8.391			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	9.400	0.315	0.315	0.732			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.766			
								1.498			
				Net Qty = A - B				6.893		94.909	101.802
	N12 to N13										
	CH151.10	559.730	558.700	558.600			1.130	1.120			
	CH165.10	559.800	558.790	558.690			1.110				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.000	0.815	1.020	9.976		112.910	122.886
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.000	0.815	0.100	0.978		10.522	11.500
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			12.600	0.815	0.100	1.027		11.060	12.086
	Item No. : 11 Transportation of earth Transportation charges							2.008		21.629	23.638
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			13.100			13.100		141.200	154.300

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Fortress Infrastructure Advisory Services Division of Fortress Financial Services Ltd.

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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=							10.954			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	12.600	0.315	0.315	0.981			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.027			
								2.008			
				Net Qty = A - B				8.945		101.802	110.748
	N13 to N14										
	CH165.10	559.800	558.790	558.690			1.110	1.015			
	CH175.10	559.890	559.070	558.970			0.920				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.000	0.750	0.915	5.490		122.886	128.376
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.000	0.750	0.100	0.600		11.500	12.100
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.600	0.750	0.100	0.645		12.086	12.731
	Item No. : 11 Transportation of earth Transportation charges							1.067		23.638	24.705
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.100			9.100		0.000	9.100
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.090			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	8.600	0.250	0.250	0.422			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.645			
								1.067			
				Net Qty = A - B				5.023		110.748	115.771
	N14 to N15										
	CH175.10	559.890	559.070	558.970			0.920	0.930			
	CH177.90	559.970	559.130	559.030			0.940				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.800	0.750	0.830	0.498		128.376	128.874
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.800	0.750	0.100	0.060		12.100	12.160

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

Pipe lying MB Nageshwarwadi Sundarnagar

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			1.400	0.750	0.100	0.105		12.731	12.836
	Item No. : 11 Transportation of earth Transportation charges							0.174		24.705	24.878
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			1.900			1.900		9.100	11.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.558			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	1.400	0.250	0.250	0.069			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.105			
								0.174			
				Net Qty	= A - B			0.384		115.771	116.155
	N15 to N16										
	CH177.90	559.970	559.130	559.030			0.940	0.935			
	CH188.90	560.290	559.460	559.360			0.930				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.000	0.750	0.835	5.636		128.874	134.510
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			9.000	0.750	0.100	0.675		12.160	12.835
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.600	0.750	0.100	0.720		12.836	13.556
	Item No. : 11 Transportation of earth Transportation charges							1.191		24.878	26.069
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.100			10.100		11.000	21.100
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.311			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	9.600	0.250	0.250	0.471			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.720			
								1.191			
				Net Qty	= A - B			5.120		116.155	121.275
	N16 to N17										
	CH188.90	560.290	559.460	559.360			0.930	0.900			
	CH193.90	560.290	559.520	559.420			0.870				

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Pipe lying MB Nageshwarwadi Sundarnagar

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. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.750	0.800	1.800		134.510	136.310
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.000	0.750	0.100	0.225		12.835	13.060
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			3.600	0.750	0.100	0.270		13.556	13.826
	Item No. : 11 Transportation of earth Transportation charges							0.447		26.069	26.516
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			4.100			4.100		21.100	25.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							2.025			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	3.600	0.250	0.250	0.177			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.270			
								0.447			
				Net Qty = A - B				**1.578**		121.275	122.854
	N17 to N18										
	CH193.90	560.290	559.520	559.420			0.870	0.830			
	CH205.90	560.330	559.640	559.540			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			10.000	0.750	0.730	5.475		136.310	141.785
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			10.000	0.750	0.100	0.750		13.060	13.810
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			10.600	0.750	0.100	0.795		13.826	14.621
	Item No. : 11 Transportation of earth Transportation charges							1.315		26.516	27.831
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			11.100			11.100		25.200	36.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.225			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	10.600	0.250	0.250	0.520			
	soling							0.000			

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

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Pipe lying MB Nageshwarwadi Sundarnagar

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							0.795			
								1.315			
				Net Qty = A - B				**4.910**		122.854	127.764
	N5 to N5.1										
	CH0.00	558.270	557.110	557.010			1.260	1.105			
	CH9.30	558.272	557.422	557.322			0.950				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.600	0.700	1.005	5.347		141.785	147.132
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			7.600	0.700	0.100	0.532		13.810	14.342
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.900	0.700	0.100	0.553		14.621	15.174
	Item No. : 11 Transportation of earth Transportation charges							0.801		27.831	28.632
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			8.400			8.400		0.000	8.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**5.879**			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	7.900	0.200	0.200	0.248			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.553			
								0.801			
				Net Qty = A - B				**5.078**		127.764	132.842
	N5.1 to N5.2										
	CH9.30	558.270	557.110	557.010			1.260	0.980			
	CH16.30	558.273	557.673	557.573			0.700				
	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	0.880	3.080		147.132	150.212
	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	0.100	0.350		14.342	14.692
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.600	0.700	0.100	0.392		15.174	15.566
	Item No. : 11 Transportation of earth Transportation charges							0.568		28.632	29.200
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.100			6.100		0.400	6.500

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Pipe lying MB Nageshwarwadi Sundarnagar

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. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia										36.300
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										154.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.430			
	Deduction of 200mm dia pipe										
	pipe area	1.000		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				2.862		132.841	135.703
	Item No :35 Shifting of Existing Utilities Length considerd up to 400mm including all and as directed by Engineer in-Charge				0.110			0.11			0.11

Khilari Infra Pvt. Ltd. Mumbai

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

9th R A BILL MEASURMENTS OF CHEMBERS NAGESHWARWADI SUNDARNAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Excavation of Chamber - For 1.20 dia chamber (upto 2.0m depth)- 1.20+0.50+0.5+0.5=2.66m										
	Bredth 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										
	Bredth for chember up to 1.5m=2 X 2=4m										
	N1										
	CH0.00	556.410	555.490	555.240			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			0.785	4.000	1.070	3.360		0.000	3.360
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.000	0.314
	Item No. : 11 Transportation of earth Transportation charges							1.449		0.000	1.449
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.674			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.920	0.972			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.449			
				Net Qty = A - B				2.224		0.000	2.224
	N2										
	CH17.10	556.690	555.830	555.580			1.110				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.010	3.171		3.360	6.531
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.314	0.628
	Item No. : 11 Transportation of earth Transportation charges							1.386		1.449	2.835
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							2.465			

Manhole MB Nageshwarwadi Sundarnagar

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										
	Brick work	1		0.785	1.160	1.160	0.860	0.908			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.386**			
				Net Qty = A - B				2.099		2.224	4.324
	N3										
	CH34.80	557.160	556.140	555.890			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			0.785	4.000	1.170	3.674		6.531	10.205
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.628	0.942
	Item No. : 11 Transportation of earth Transportation charges							1.555		2.835	4.390
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.988**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.020	1.077			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.555**			
				Net Qty = A - B				2.433		4.324	6.757
	N4										
	CH45.10	557.650	556.430	556.180			1.470				
	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	1.370	4.302		10.205	14.507
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.942	1.256
	Item No. : 11 Transportation of earth Transportation charges							1.766		4.390	6.157
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.616			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.220	1.289			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.766**			
				Net Qty = A - B				2.850		6.757	9.606
	N5										

Khilari Infra Pvt. Ltd. Mumbai

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

Manhole MB Nageshwarwadi Sundarnagar

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	CH64.40	558.270	557.110	556.860			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	1.310	4.113		14.507	18.620
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.256	1.570
	Item No. : 11 Transportation of earth Transportation charges							1.703		6.157	7.860
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.427			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.160	1.225			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.703			
				Net Qty = A - B				2.725		9.606	12.331
	N6										
	CH86.20	558.900	557.810	557.560			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	1.240	3.894		18.620	22.514
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.570	1.884
	Item No. : 11 Transportation of earth Transportation charges							1.629		7.860	9.489
	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		12.331	14.909
	N7										
	CH94.70	559.120	558.040	557.790			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	1.230	3.862		22.514	26.376

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd.

Manhole MB Nageshwarwadi Sundarnagar

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. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		1.884	2.198
	Item No. : 11 Transportation of earth Transportation charges							1.618		9.489	11.107
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.176			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.080	1.141			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.618			
				Net Qty = A - B				2.558		14.909	17.467
	N8										
	CH104.80	559.240	558.190	557.940			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	1.200	3.768		26.376	30.144
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.198	2.512
	Item No. : 11 Transportation of earth Transportation charges							1.587		11.107	12.694
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.082			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.050	1.109			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.587			
				Net Qty = A - B				2.495		17.467	19.962
	N9										
	CH118.10	559.490	558.370	558.120			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	1.270	3.988		30.144	34.132
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.512	2.826
	Item No. : 11 Transportation of earth Transportation charges							1.661		12.694	14.354

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. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.302**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.120	1.183			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.661**			
				Net Qty = A - B				2.641		19.962	22.604
	N10										
	CH136.40	559.690	558.520	558.270			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	1.320	4.145		34.132	38.277
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		2.826	3.140
	Item No. : 11 Transportation of earth Transportation charges							1.713		14.354	16.068
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.459**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.170	1.236			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.713**			
				Net Qty = A - B				2.745		22.604	25.349
	N11										
	CH140.30	559.710	558.600	558.350			1.360				
	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	1.260	3.956		38.277	42.233
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.140	3.454
	Item No. : 11 Transportation of earth Transportation charges							1.650		16.068	17.718
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.270			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.110	1.172			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			

Manhole MB Nageshwarwadi Sundarnagar

Date	Particulars of work	DETAILS						Content of arrears	Last measurment		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Total (B)							**1.650**			
				Net Qty = A - B				**2.620**		25.349	27.969
	N12										
	CH151.10	559.730	558.700	558.450			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	1.180	3.705		42.233	45.938
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.454	3.768
	Item No. : 11 Transportation of earth Transportation charges							1.566		17.718	19.283
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.019**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.030	1.088			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.566**			
				Net Qty = A - B				**2.454**		27.969	30.423
	N13										
	CH165.10	559.800	558.790	558.540			1.260				
	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	1.160	3.642		45.938	49.581
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		3.768	4.082
	Item No. : 11 Transportation of earth Transportation charges							1.544		19.283	20.828
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.956**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.010	1.067			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.544**			
				Net Qty = A - B				2.412		30.423	32.835
	N14										
	CH175.10	559.890	559.070	558.820			1.070				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										

Khilari Infra Pvt. Ltd. Mumbai

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

Manhole MB Nageshwarwadi Sundarnagar

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			0.785	4.000	0.970	3.046		49.581	52.626
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		4.082	4.396
	Item No. : 11 Transportation of earth Transportation charges							1.344		20.828	22.172
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.360**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.820	0.866			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.344**			
				Net Qty = A - B				2.016		32.835	34.851
	N15										
	CH177.90	559.970	559.130	558.880			1.090				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.990	3.109		52.626	55.735
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		4.396	4.710
	Item No. : 11 Transportation of earth Transportation charges							1.365		22.172	23.536
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.423**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.840	0.887			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.365**			
				Net Qty = A - B				2.058		34.851	36.909
	N16										
	CH188.90	560.290	559.460	559.210			1.080				
	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	0.980	3.077		55.735	58.812
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		4.710	5.024
	Item No. : 11 Transportation of earth Transportation charges							1.354		23.536	24.891

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. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.391**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.830	0.877			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.354**			
				Net Qty	= A - B			**2.037**		36.909	38.945
	N17										
	CH193.90	560.290	559.520	559.270			1.020				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.920	2.889		58.812	61.701
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		5.024	5.338
	Item No. : 11 Transportation of earth Transportation charges							1.291		24.891	26.182
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.203**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.770	0.813			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.291**			
				Net Qty	= A - B			**1.912**		38.945	40.857
	N18										
	CH205.90	560.330	559.640	559.390			0.940				
	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		61.701	64.339
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		5.338	5.652
	Item No. : 11 Transportation of earth Transportation charges							1.206		26.182	27.388
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**2.952**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.690	0.729			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.206**			

Khillari Infra Pvt. Ltd. Mumbai

Fortress Infrastructure Advisory 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

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Manhole MB Nageshwarwadi Sundarnagar

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				1.745		40.857	42.602
	N5.1										
	CH9.30	558.272	557.422	557.172			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			0.785	4.000	1.000	3.140		64.339	67.479
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		5.652	5.966
	Item No. : 11 Transportation of earth Transportation charges							1.375		27.388	28.764
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**3.454**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.850	0.898			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.375**			
				Net Qty = A - B				**2.079**		42.602	44.681
	N5.2										
	CH16.30	558.273	557.673	557.423			0.850				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.750	2.355		67.479	69.834
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		5.966	6.280
	Item No. : 11 Transportation of earth Transportation charges							1.111		28.764	29.875
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**2.669**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.600	0.634			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.111**			
				Net Qty = A - B				1.558		[illegible]	[illegible]

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

9th R A BILL MEASURMENTS CHEMBER DETAILS NAGESHWARWADI SUNDARNAGAR

SR NO	CHEMBER NUMBER	DETAILS No GL	IL	DEPTH	Rebate up to Depth of 1.5 mtr For per 30 cm		Total Rebate Qty for 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	NAGESHWARWADI SUNDARNAGAR						
1	N1	556.410	555.490	0.920	1.500	-0.580	
2	N2	556.690	555.830	0.860	1.500	-0.640	
3	N3	557.160	556.140	1.020	1.500	-0.480	
4	N4	557.650	556.430	1.220	1.500	-0.280	
5	N5	558.270	557:110	1.160	1.500	-0.340	
6	N6	558.900	557.810	1.090	1.500	-0.410	
7	N7	559.120	558.040	1.080	1.500	-0.420	
8	N8	559.240	558.190	1.050	1.500	-0.450	
9	N9	559.490	558.370	1.120	1.500	-0.380	
10	N10	559.690	558.520	1.170	1.500	-0.330	
11	N11	559.710	558.600	1.110	1.500	-0.390	-35.867
12	N12	559.730	558.700	1.030	1.500	-0.470	
13	N13	559.800	558.790	1.010	1.500	-0.490	
14	N14	559.890	559.070	0.820	1.500	-0.680	
15	N15	559.970	559.130	0.840	1.500	-0.660	
16	N16	560.290	559.460	0.830	1.500	-0.670	
17	N17	560.290	559.520	0.770	1.500	-0.730	
18	N18	560.330	559.640	0.690	1.500	-0.810	
19	N5.1	558.272	557.422	0.850	1.500	-0.650	
20	N5.2	558.273	557.673	0.600	1.500	-0.900	
	TOTAL					-10.760	-35.867

Khillari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services

Qty. Abstract Nageshwarwadi Sundarnagar

QUANTITY ABSTRACT

NAGESHWARWADI SUNDARNAGAR

Sr. No.	Discription	MB/PG	ITEM 1	ITEM 2	ITEM 7	ITEM 11	ITEM 12			ITEM 13			ITEM 30	ITEM 35	Extra Item 2		Extra Item 2.a
			0-1.5	0-1.5			200mm	250mm	315mm	200mm	250mm	315mm			0-1.5 m	RR (3450)	Rebate
1	For Pipe		150.212	14.692	15.566	15.566	14.500	36.300	154.300	14.500	36.300	154.300	135.703	0.110			
2	For Manhole		69.834	6.280		29.875							46.239		2.000	18.000	-35.867
		Total	220.045	20.972	15.566	45.441	14.500	36.300	154.300	14.500	36.300	154.300	181.942	0.110	2.000	18.000	-35.867

CONTRACTOR

Authorized Signatory

PMC

Project Engineer

Project Manager

Jr. Engineer

CLIENT

Dy. Engineer

Ex. Engineer

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

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B.H.

9th R A BILL MEASURMENTS DWC PIPE ANAAND APARTMENT

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 - 315mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.315+0.5=0.815m										
	For Lift 1.5 to 3.00m- 0.315+0.5+0.4=1.215m										
	For Lift 3.0 to 4.5m- 0.315+0.5+0.4+0.4=1.615m										
	AND 0 To AND 01										
	CH0.00	576.953	575.753	575.653			1.300	1.288			
	CH7.50	577.238	576.063	575.963			1.275				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.800	0.815	1.038	4.904		0.000	4.904
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.800	0.815	0.150	0.709		0.000	0.709
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.800	0.815	0.100	0.473		0.000	0.473
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.100	0.815	0.100	0.497		0.000	0.497
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.972		0.000	0.972
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			6.600			6.600		0.000	6.600
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							6.086			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	6.100	0.315	0.315	0.475			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.497			
								0.972			
				Net Qty = A - B				5.114		0.000	5.114
	AND 01 To AND 02										
	CH7.50	577.238	576.063	575.963			1.275	1.308			
	CH24.80	577.533	576.293	576.193			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			15.300	0.815	1.058	13.186		4.904	18.091

Khilad Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. 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

Book No. :-

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Pipe lying MB Anand Apar

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. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.300	0.815	0.150	1.870		0.709	2.579
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.300	0.815	0.100	1.247		0.473	1.720
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.900	0.815	0.100	1.296		0.497	1.793
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.534		0.972	3.507
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			16.400			16.400		6.600	23.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							16.304			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	15.900	0.315	0.315	1.238			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.296			
								2.534			
				Net Qty = A - B				13.770		5.114	18.883
	AND 02 To AND 03										
	CH24.80	577.533	576.293	576.193			1.340	1.445			
	CH44.20	577.983	576.533	576.433			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			17.400	0.815	1.195	16.946		18.091	35.037
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			17.400	0.815	0.150	2.127		2.579	4.707
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			17.400	0.815	0.100	1.418		1.720	3.138
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			18.000	0.815	0.100	1.467		1.793	3.260
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.869		3.507	6.376
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			18.500			18.500		23.000	41.500

Khilari Infra Pvt. Ltd. Navi Mumbai

Forrest 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 [illegible] CIDCO to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

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Page No. :-

Pipe lying MB Anand Apa

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=							20.492			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	18.000	0.315	0.315	1.402			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.467			
								2.869			
				Net Qty = A - B				17.622		18.883	36.506
	DWC - 200mm Dia										
	Width of Trench - For Lift 0 to 1.50m- 0.200+0.5=0.700m										
	For Lift 1.5 to 3.00m- 0.200+0.5+0.4=1.100m										
	For Lift 3.0 to 4.5m- 0.200+0.5+0.4+0.4=1.500m										
	AND 03 To AND 04										
	CH44.20	577.983	576.533	576.433			1.550	1.435			
	CH61.50	578.088	576.868	576.768			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			15.300	0.700	1.185	12.691		35.037	47.728
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.300	0.700	0.150	1.607		4.707	6.313
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.300	0.700	0.100	1.071		3.138	4.209
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.900	0.700	0.100	1.113		3.260	4.373
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.612		6.376	7.988
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			16.400			16.400		0.000	16.400
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							15.369			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	15.900	0.200	0.200	0.499			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.113			
								1.612			
				Net Qty = A - B				13.757		36.506	50.262

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure Advisory Services Pvt. Ltd.

Pipe lying MB Anand Apart.

Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurment Page	Quantity	Total Upto Date Quantity
	AND 04 To AND 05										
	CH61.50	578.088	576.868	576.768			1.320	1.250			
	CH79.30	578.228	577.148	577.048			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			15.800	0.700	1.000	11.060		47.728	58.788
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.800	0.700	0.150	1.659		6.313	7.972
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.800	0.700	0.100	1.106		4.209	5.315
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			16.400	0.700	0.100	1.148		4.373	5.521
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.663		7.988	9.651
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			16.900			16.900		16.400	33.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							13.825			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	16.400	0.200	0.200	0.515			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.148			
								1.663			
				Net Qty = A - B				12.162		50.262	62.424
	AND 05 To AND 06										
	CH79.30	578.228	577.148	577.048			1.180	1.077			
	CH85.90	578.083	577.208	577.108			0.975				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.700	0.827	2.665		58.788	61.453
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.700	0.150	0.483		7.972	8.455
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.600	0.700	0.100	0.322		5.315	5.637
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.200	0.700	0.100	0.364		5.521	5.885

Khilari Infra Pvt. Ltd. Navi Mumbai

Fortress Infrastructure

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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 & unloading							0.527		9.651	10.178
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.700			5.700		33.300	39.000
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							3.470			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	5.200	0.200	0.200	0.163			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.364			
								0.527			
				Net Qty = A - B				2.942		62.424	65.367
	AND 06 To AND 07										
	CH85.90	578.083	577.208	577.108			0.975	0.968			
	CH94.00	578.088	577.228	577.128			0.960				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.100	0.700	0.718	3.064		61.453	64.517
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.100	0.700	0.150	0.640		8.455	9.096
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.100	0.700	0.100	0.427		5.637	6.064
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.700	0.700	0.100	0.469		5.885	6.354
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.679		10.178	10.858
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			7.200			7.200		39.000	46.200
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.131			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	6.700	0.200	0.200	0.210			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.469			
								0.679			
				Net Qty = A - B				3.452		65.367	68.819
	AND 07 To AND 08										
	CH94.00	578.088	577.228	577.128			0.960	0.970			
	CH111.00	578.158	577.278	577.178			0.980				

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. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.720	7.560		64.517	72.077
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.150	1.575		9.096	10.671
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			15.000	0.700	0.100	1.050		6.064	7.114
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			15.600	0.700	0.100	1.092		6.354	7.446
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.582		10.858	12.439
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			16.100			16.100		46.200	62.300
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**10.185**			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	15.600	0.200	0.200	0.490			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.092			
								1.582			
				Net Qty = A - B				8.603		68.819	77.422
	AND 08 To AND 09										
	CH111.00	578.158	577.278	577.178			0.980	0.950			
	CH118.20	578.238	577.418	577.318			0.920				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.200	0.700	0.700	2.548		72.077	74.625
	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	0.150	0.546		10.671	11.217
	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	0.100	0.364		[illegible]	[illegible]
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.800	0.700	0.100	0.406		[illegible]	[illegible]
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.588		[illegible]	[illegible]
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			6.300			6.300		[illegible]	[illegible]

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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=							3.458			
	Deduction of 200mm dia pipe										
	pipe area	1.000		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				2.870		77.422	80.292
	AND 07 To AND 07/01										
	CH0.00	578.088	577.228	577.128			0.960	0.835			
	CH9.95	577.998	577.388	577.288			0.710				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.250	0.700	0.585	3.378		74.625	78.003
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.250	0.700	0.150	0.866		11.217	12.083
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			8.250	0.700	0.100	0.578		7.478	8.055
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			8.550	0.700	0.100	0.599		7.852	8.451
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.867		13.028	13.894
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			9.050			9.050		68.600	77.650
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.822			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	8.550	0.200	0.200	0.268			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.599			
								0.867			
				Net Qty = A - B				3.955		80.292	84.247
	AND 07/01 To AND 07/02										
	CH9.95	577.998	577.388	577.288			0.710	0.700			
	CH15.35	577.988	577.398	577.298			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			3.400	0.700	0.450	1.071		78.003	79.074

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Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			3.400	0.700	0.150	0.357		12.083	12.440
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			3.400	0.700	0.100	0.238		8.055	8.293
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.000	0.700	0.100	0.280		8.451	8.731
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							0.406		13.894	14.300
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.500			4.500		77.650	82.150
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia										41.500
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							**1.666**			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.000	0.200	0.200	0.126			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.280			
								0.406			
				Net Qty	= A - B			**1.260**		84.247	85.507
	Item No :35 Shifting of Existing Utilities Length considerd up to 400mm including all and as directed by Engineer in-Charge				**0.125**			**0.13**			0.125

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

9th R A BILL MEASURMENTS OF CHEMBERS ANAAND APARTMENT

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 0.9 dia chamber up to 1.5 mt depth - 0.9+0.5+0.3+0.3=2m										
	For Area =2 X 2=4m										
	AND 01										
	CH7.50	577.238	576.063	575.813			1.425				
	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	1.175	3.690		0.000	3.690
	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							1.719		0.000	1.719
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.475**			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.175	1.241			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							**1.719**			
				Net Qty = A - B				2.756		0.000	2.756
	AND 02										
	CH24.80	577.533	576.293	576.043			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	1.240	3.894		3.690	7.583
	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		0.471	0.942
	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							1.787		1.719	3.506
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							**4.679**			
	Deduction										

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Date	Particulars of work	DETAILS No GL	IL	EX.L	L	B	D	Content of arrears	Last measurement Page	Quantity	Total Upto Date Quantity
	Brick work	1		0.785	1.160	1.160	1.240	1.300			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.787			
				Net Qty = A - B				2.891		2.756	5.647
	AND 03										
	CH44.20	577.983	576.533	576.283			1.700				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	1.250	3.925		7.583	11.508
	(b) For Lift 1.5m to 3.0m	1			0.785	4.000	0.200	0.628		0.000	0.628
	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		0.942	1.413
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.628	0.942
	Item No. : 11 Transportation of earth Transportation charges							2.009		3.506	5.515
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							5.338			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.450	1.532			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							2.009			
				Net Qty = A - B				3.329		5.647	8.976
	AND 04										
	CH61.50	578.088	576.868	576.618			1.470				
	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		11.508	15.339
	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		1.413	1.884
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.100	0.314		0.942	1.256
	Item No. : 11 Transportation of earth Transportation charges							1.766		5.505	7.282
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.616			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.220	1.295			

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