

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 CIDCO for Anandnagar City.

Book No. :-

093

Page No. :-

1 of 2

Misarwadi-300 RCC 300mm-MB

9th R A BILL MEASUREMENTS

MISARWADI-02

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	RCC 300mm Dia										
	Width of Trench -										
	For Bottom Lift 0.00-1.50m- 0.3+0.08+0.08+0.5=0.96m										
	From Bottom Lift 1.50m-3.00m- 0.3+0.08+0.08+0.5+0.4=1.36m										
	From Bottom Lift 3.00m-4.50m- 0.3+0.08+0.08+0.5+0.4+0.4 = 1.76m										
	No MH TO MA										
	CH0.00	589.750	587.380	587.180			2.57	2.570			
	CH3.05	589.770	587.400	587.200			2.57				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc										
	(a) For Lift 0 to 1.5m	1			1.720	1.360	1.500	3.509	0.000	3.509	
	(b) For Lift 1.5m to 3.0m	1			1.720	0.960	1.070	1.767	0.000	1.767	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			1.720	0.960	0.200	0.330	0.000	0.330	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							0.525	0.000	0.525	
	Extra Item No.9.4 Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			2.500			2.500	0.000	2.500	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							5.276			
	Deduction										
	pipe area	1		0.785	1.720	0.380	0.380	0.195			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.330			
	Total = B							0.525			
					Net Qty = A - B			4.750	0.000	4.750	
	MA to MB										
	CH3.05	589.770	587.400	587.200			2.57	2.045			
	CH26.65	588.730	587.410	587.210			1.52				
	Item No. 1 :- Excavation for foundation/pipe trenches in all										
	(a) For Lift 0 to 1.5m	1			20.940	1.360	1.500	42.718	3.509	46.226	
	(b) For Lift 1.5m to 3.0m	1			20.940	0.960	0.545	10.956	1.767	12.723	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			20.940	0.960	0.200	4.020	0.330	4.351	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							6.394	0.525	6.919	
	Extra Item No.9.4 Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			22.500			22.500	2.500	25.000	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							53.673			
	Deduction										
	pipe area	1		0.785	20.940	0.380	0.380	2.374			
	soling							0.000			
	PCC							0.000			



Jayp

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Sahm Ah. 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. :-

094

Page No. :-

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

2 of 2

Misarwadi-300 RCC 300mm-MB

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murram bedding							4.020			
	Total = B							6.394			
		Net Qty = A - B						47.279		4.750	52.030
	MB to MC										
	CH26.65	588.730	587.410	587.210			1.52	1.875			
	CH52.75	589.540	587.510	587.310			2.23				
	Item No. 1 :- Excavation for foundation/pipe trenches in all										
	(a) For Lift 0 to 1.5m	1			23.440	1.360	1.500	47.818	46.226	94.044	
	(b) For Lift 1.5m to 3.0m	1			23.440	0.960	0.375	8.438	12.723	21.161	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			23.440	0.960	0.200	4.500	4.351	8.851	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							7.157	6.919	14.077	
	Extra Item No.9.4 :- Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			25.000			25.000	25.000	50.000	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							56.256			
	Deduction										
	pipe area	1		0.785	23.440	0.380	0.380	2.657			
	soling							0.000			
	PCC							0.000			
	Murram bedding							4.500			
	Total = B							7.157			
		Net Qty = A - B						49.099		52.030	101.128
	MC to MD										
	CH52.75	589.540	587.510	587.310			2.23	2.245			
	CH78.85	589.660	587.600	587.400			2.26				
	Item No. 1 :- Excavation for foundation/pipe trenches in all										
	(a) For Lift 0 to 1.5m	1			23.440	1.360	1.500	47.818	94.044	141.862	
	(b) For Lift 1.5m to 3.0m	1			23.440	0.960	0.745	16.764	21.161	37.925	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			23.440	0.960	0.200	4.500	8.851	13.352	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							7.157	14.077	21.234	
	Extra Item No.9.4 :- Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			25.000			25.000	50.000	75.000	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							64.582			
	Deduction										
	pipe area	1		0.785	23.440	0.380	0.380	2.657			
	soling							0.000			
	PCC							0.000			
	Murram bedding							4.500			
	Total = B							7.157			
		Net Qty = A - B						57.424		101.128	158.552
	Item No :35 Shifting of Existing Utilities Length considered up to 400mm including all and as directed by Engineer in-Charge				0.070				0.000	0.070	



Signature

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

Book No. :-

Page No. :-

096

2 of 2

Misarwadi-300 RCC Chamber Measurement..

Date	Particulars of work	DETAILS					Content of area	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	7.075	1.500	8.331	16.662	24.92	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.780	4.332	6.609	10.941	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							3.489	6.479	9.967	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							12.663			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	2.030	2.73			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							3.49			
								Net Qty = A - B	16.792	25.97	
	MD										
	CH78.85	589.660	587.600	587.350			2.310				
	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	1.500	8.331	24.992	33.323	
	(b) For Lift 1.5m to 3.0m	1			0.785	7.075	0.810	4.499	10.941	15.440	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							3.529	9.967	13.496	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							12.829			
	Deduction										
	Brick work	1.00		0.785	1.31	1.31	2.060	2.78			
	soling							0.00			
	PCC	1.00		0.785	1.96	1.96	0.25	0.75			
	Murrum bedding							0.00			
	Total (B)							3.53			
								Net Qty = A - B	25.966	35.27	



Jan

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Safim Aft. 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 Bancwadi, 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.

098

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

Misarwadi-300 RCC Quantity Node Abstract

9th R A BILL MEASUREMENTS

Branch Of Sewer "MISARWADI-02"

SR NO	Description	ITEM 1		ITEM 7	ITEM 11	ITEM 21 upto 2 m	ITEM 21.1 Rebate	ITEM 30	ITEM 35	EIRL	
		0-1.5	1.5-3.0							9.3	9.4
1	For Pipe	141.862	37.925	13.352	21.234			158.553	0.070	300mm	75.000
2	For Manhole	33.323	15.440		13.496	4.000	2.740	35.267		300mm	75.000
	Total	175.185	53.365	13.352	34.731	4.000	2.740	193.819	0.070	RCC Pipes	75.000

CONTRACTOR
Khilari Infrastructure Pvt. Ltd.
Authorized Signatory

PMC
Infrastructure Advisory Services
Project Engineer

PMC
Infrastructure Advisory Services
Project Manager

CLIENT
Jr. Engineer

CLIENT
Dy. Engineer

CLIENT
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 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. :- 101

Page No. :-

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

Page 3

Pipe Lying MB Salim Ali Sarovar, Ganesh Colony

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
							0.14				
		Net Qty = A - B						0.14		24.20	24.34
	SW PIPE - 250 mm Dia Old MH to GC 01	GANESH COLONY									
	CH0.00	574.990	573.640	573.540			1.450	1.325			
	CH2.10	575.040	573.940	573.840			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			1.100	0.790	1.325	1.151		0.000	1.151
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.400	0.790	0.100	0.111		2.943	3.053
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.191		5.074	5.265
	Extra Item No. 9.2 (d):- Lowering & Laying of SWG pipe of 250mm Dia	1			1.900			1.900		38.750	40.650
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							1.151			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	1.40	0.270	0.270	0.08			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							0.11			
								0.19			
		Net Qty = A - B						0.96		24.34	25.30
	GC 01 to Old MH										
	CH2.10	575.040	573.940	573.840			1.200	1.155			
	CH9.10	575.050	574.040	573.940			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			6.000	0.790	1.155	5.475		1.151	6.626
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			6.300	0.790	0.100	0.498		3.053	3.551
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.858		5.265	6.123
	Extra Item No. 9.2 (d):- Lowering & Laying of SWG pipe of 250mm Dia	1			6.800			6.800		40.650	47.450
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.475			
	Deduction of 250mm dia pipe										
	pipe area	1.00		0.785	6.30	0.270	0.270	0.36			



Handwritten signature

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

Book No. :-
Page No. :-

107

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

Page 4

Pipe Lying MB Salim Ali Sarovar, Ganesh Colony

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	soling							0.00			
	PCC							0.00			
	Murum bedding							0.50			
								0.86			
								4.62	25.30	29.91	
								Net Qty = A - B			
	RCC PIPE - 300 mm Dia	GANESH COLONY									
	Width of Trench - For Bottom Lift 0.00-1.50m- 0.3+0.1+0.1+0.5=1.00m										
	From Bottom Lift 1.50m- 3.00m- 0.3+0.1+0.1+0.5+0.4=1.40m										
	4.50m- 0.3+0.1+0.1+0.5+0.4+0.4 =										
	Old MH to C 01										
	CH0.00	575.040	573.940	573.740			1.30	1.255			
	CH5.90	575.050	574.040	573.840			1.21				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	1.000	0.855	4.189	6.626	10.816	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	1.400	0.300	2.058	21.009	23.067	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			4.900	1.400	0.100	0.686	8.402	9.088	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			5.200	1.000	0.200	1.040	3.551	4.591	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.693	6.123	7.817	
	Item No.17 :-Extra item Lowering & Laying RCC NP3 class pipe of 300mm Dia	1			5.00			5.000		5.000	
	Extra Item No. 9.2 (d):- Lowering & Laying of SWG pipe of 250mm Dia									47.450	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							6.933			
	Deduction										
	pipe area	1		0.785	5.20	0.400	0.400	0.653			
	soling							0.000			
	PCC							0.000			
	Murum bedding							1.040			
	Total = B							1.693			
								5.24	29.91	35.15	
								Net Qty = A - B			



Handwritten signature

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

Book No. :-

Page No. :- 104

Page 2

Manhole MB Salim Ali Sarovar, Ganesh Colony

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murum bedding							0.000			
	Total (B)							1.618			
	SL 03	Net Qty = A - B						2.558		2.058	4.616
	CH39.05	584.375	583.565	583.315			1.060				
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.760	2.386		5.715	8.101
	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	0.300	0.942		1.884	2.826
	Item No. : 11 Transportation of earth Transportation charges							1.333		2.983	4.316
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.328			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.810	0.856			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.333			
	SL 04	Net Qty = A - B						1.995		4.616	6.611
	CH41.45	584.555	583.815	583.565			0.990				
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	4.000	0.690	2.167		8.101	10.268
	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	0.300	0.942		2.826	3.768
	Item No. : 11 Transportation of earth Transportation charges							1.259		4.316	5.576
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.109			
	Deduction										
	Brick work	1		0.785	1.160	1.160	0.740	0.782			
	soling							0.000			
	PCC	1		0.785	1.560	1.560	0.250	0.478			
	Murum bedding							0.000			
	Total (B)							1.259			
	GC 01	Net Qty = A - B						1.849		6.611	8.460
	CH2.10	575.040	573.940	573.690			1.350				



Jeer

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

Page 1

Manhole Details Salim Ali Sarovar, Ganesh Colony

9th R A BILL MEASUREMENTS CHEMBER DETAILS SALIM ALI SAROVAR, GANESH COLONY

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30 cm
		GL	IL	DEPTH		
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	SALIM ALI SAROVAR, GANESH COLONY					
1	SL 01	583.765	582.925	0.840	1.500	-0.660
2	SL 02	584.415	583.335	1.080	1.500	-0.420
3	SL 03	584.375	583.565	0.810	1.500	-0.690
4	SL 04	584.555	583.815	0.740	1.500	-0.760
5	GC 01	575.040	573.940	1.100	1.500	-0.400
	TOTAL					-2.930
						-9.767

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30 cm
		No				
		GL	IL	DEPTH		
B	Extra Item No. 03 : Providing and constructing on sewer.BBM manhole 0.9 x 0.6 m at bottom and depth of 1.5 M etc., complete					
1	SALIM ALI SAROVAR, GANESH COLONY					
1	C 01	575.050	574.040	1.010	1.500	-0.490
	TOTAL					-0.490
						-1.633



Handwritten signature

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

Name of Agency:- M/s Kharli Infrastructure Pvt.Ltd. & GECPL (Joint Venture)
Authority No. AMC/Ward B&C/UIDSSMT/2014/184 Date 01.07.2014

Quantity Abstract Salim Ali Sarovar, Ganesh Colony

QUANTITY ABSTRACT

SALIM ALI SAROVAR, GANESH COLONY

SR NO	Description	MB/PG	ITEM 1	ITEM 2	ITEM 4	ITEM 7	ITEM 11	ITEM 30	Extra Item 2	Extra Item 2.a	Extra Item 3	Extra Item 3.a	Extra Item No. 9.1	Extra Item No. 9.2	Extra Item No. 9.3	Extra Item No. 9.4
			0-1.5	0-1.5	0-1.5				0-1.5 m	Rebate	0-1.5 m	Rebate	d	d	d	d
1	For Pipe		10.016	23.067	9.088	4.591	7.817	35.154					47.45	47.45		6
2	For Manhole		7.163	13.288	4.108		9.291	13.268	5.000	-9.767	1.00	-1.63	47.45	47.45	5	5
	Total		17.979	34.359	13.196	4.591	17.107	48.422	5.000	-9.767	1.00	-1.63	47.45	47.45	5.00	5.00

CONTRACTOR
Kharli Infra Pvt. Ltd.
Authorized Signatory

PMC
Fortress Infrastructure Advisory
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 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. :- 108

Page No. :-

Page 1

Pipe laying MB Ayodhyanager

9th R A BILL MEASUREMENTS DWC PIPE AYODHYA NAGAR

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	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										
	AY 01 to AY 02										
	CH0.00	589.860	588.660	588.560			1.300	1.100			
	CH10.90	590.050	589.250	589.150			0.900				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.900	0.815	1.100	7.979	0.000	7.979	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.500	0.815	0.100	0.774	0.000	0.774	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.514	0.000	1.514	
	Item No. 13 :- (d)Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			10.000			10.000	0.000	10.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							7.979			
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	9.500	0.315	0.315	0.740			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.774			
								1.514			
								6.465	0.000	6.465	
	Net Qty = A - B										
	AY 02 to AY 03										
	CH10.90	590.050	589.250	589.150			0.900	0.900			
	CH19.30	590.510	589.710	589.610			0.900				
	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	0.815	0.500	2.608	7.979	10.587	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			6.400	0.815	0.400	2.086	0.000	2.086	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			7.000	0.815	0.100	0.571	0.774	1.349	



Signature

Pipe lying MB Ayodhyanager

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading						1.116		1.514	2.630	
	Item No. 13 :- (d) Lowering & Laying of Polyethylene DWC pipe of 315mm Dia	1			7.500		7.500		10.000	17.500	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						4.694				
	Deduction of 315mm dia pipe										
	pipe area	1.000		0.785	7.000	0.315	0.315	0.545			
	soiling							0.000			
	PCC							0.000			
	Murum bedding							0.571			
							1.116				
							3.579		6.465	10.043	
	DWC - 250mm Dia										
	Width of Trench -										
	For Lift 0 to 1.50m-										
	0.250+0.5=0.750m										
	For Lift 1.5 to 3.00m-										
	0.250+0.5+0.4=1.150m										
	For Lift 3.0 to 4.5m-										
	0.250+0.5+0.4+0.4=1.550m										
	AY 03 to AY 04										
	CH19.30	590.510	589.710	589.610			0.900	0.900			
	CH29.90	590.910	590.110	590.010			0.900				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.600	0.750	0.500	3.225	10.587	13.812	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			8.600	0.750	0.400	2.580	2.086	4.666	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.200	0.750	0.100	0.690	1.345	2.035	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.141	2.630	3.771	
	Item No. 13 :- (c) Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			9.700			9.700	0.000	9.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							5.805			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	9.200	0.250	0.250	0.451			
	soiling							0.000			
	PCC							0.000			
	Murum bedding							0.690			
								1.141			



Jan

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(a) For Lift 0 to 1.5m	1			20.300	0.750	0.825	12.561		39.153	51.713
	(b) For Lift 1.5m to 3.0m	1			20.300	0.750	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			20.300	0.750	0.200	3.045		14.694	17.739
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			20.300	0.750	0.100	1.523		0.000	1.523
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			20.900	0.750	0.100	1.568		5.807	7.375
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							2.593		10.012	12.605
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			21.400			21.400		62.500	83.900
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							17.128			
	Deduction of 250mm dia pipe										
	pipe area	1.000		0.785	20.900	0.250	0.250	1.025			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.568			
								2.593			
								14.535		43.835	58.370
	Net Qty = A - B										
	AY 10 to AY 11										
	CH109.50	593.180	592.080	591.980			1.200	1.175			
	CH120.50	593.390	592.340	592.240			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			9.000	0.750	0.975	6.581		51.713	58.295
	(b) For Lift 1.5m to 3.0m	1			9.000	0.750	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			9.000	0.750	0.200	1.350		17.739	19.089
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			9.000	0.750	0.000	0.000		1.523	1.523
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			9.600	0.750	0.100	0.720		7.375	8.095
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							1.191		12.605	13.796
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			10.100			10.100		83.900	94.000



Handwritten signature

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

Book No. :-

Page No. :-

115

Page 1

Manhole MB Ayodhyanager

9th R A BILL MEASUREMENTS OF CHEMBERS AYODHYA NAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Excavation of Chamber - For 0.9 x 0.6 chamber (upto 1.5m depth) One side+0.90+0.25+25+0.3+0.3=2m										
	Excavation of Chamber - For 0.9 x 0.6 chamber (upto 1.5m depth) One side+0.60+0.25+25+0.3+0.3=1.7 m										
	Excavation of Chamber - For 0.9 dia chamber up to 1.5 mt depth - 0.9+0.5+0.3+0.3=2m										
	Area for chamber up to 1.5m=2 X 2=4m										
	AY 01										
	CH0.00	589.860	588.660	588.410			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	1.050	3.297	0.000	3.297	
	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	0.400	1.256	0.000	1.256	
	Item No. : 11 Transportation of earth Transportation charges							1.745	0.000	1.745	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.553			
	Deduction										
	Brick work	1		0.785	1.160	1.160	1.200	1.268			
	soing							0.000			
	POC	1		0.785	1.560	1.560	0.250	0.478			
	Murrum bedding							0.000			
	Total (B)							1.745			
					Net Qty = A - B			2.808	0.000	2.808	
	AY 02										
	CH10.90	590.050	589.250	589.000			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			2.000	1.700	0.650	2.210	3.297	5.507	
	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	0.400	1.360	1.256	2.616	
	Item No. : 11 Transportation of earth Transportation charges							1.752	1.745	3.497	
	Item No. 30 :- Refilling the excavated trenches ...										



Yes

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. :-

11

Page No. :-

Page 2

Manhole MB Ayodhyanager

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		GL	No		L	B		D	Page		Quantity
			IL	EX.L							
	Total Excavation(A)=						3.570				
	Deduction										
	Brick work	1			1.400	1.100	0.800	1.232			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murum bedding							0.000			
	Total (B)							1.752			
		Net Qty = A - B							1.818	2.808	
	AY 03										
	CH19.30	590.510	589.710	589.460			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.650	2.210	5.507		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.400	1.360	2.616		
	Item No. : 11 Transportation of earth Transportation charges							1.752	3.497		
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.570			
	Deduction										
	Brick work	1			1.400	1.100	0.800	1.232			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murum bedding							0.000			
	Total (B)							1.752			
		Net Qty = A - B							1.818	4.626	
	AY 04										
	CH29.90	590.910	590.110	589.860			1.050				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.650	2.210	7.717		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.400	1.360	3.976		
	Item No. : 11 Transportation of earth Transportation charges							1.752	5.249		
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.570			
	Deduction										
	Brick work	1			1.400	1.100	0.800	1.232			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murum bedding							0.000			
	Total (B)							1.752			
		Net Qty = A - B							1.818	6.444	
	AY 05										
	CH40.70	591.165	590.365	590.115			1.050				



Handwritten signature

Name of work:- Devlopment 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. :- 117
Page No. :-

Page 3

Manhole MB Ayodhyanager

Date	Particulars of work	DETAILS					Content of arrears	Last measurment		Total Upto Date Quantity	
		GL	No IL	EX.L	L	B		D	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			2.000	1.700	0.750	2.550		9.927	12.477
	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	0.300	1.020		5.336	6.356
	Item No. : 11 Transportation of earth Transportation charges							1.752		7.001	8.753
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.570			
	Deduction										
	Brick work	1			1.400	1.100	0.800	1.232			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							1.752			
					Net Qty = A - B			1.818		8.262	10.080
	AY 06										
	CH55.20	591.610	590.810	590.560			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			2.000	1.700	0.750	2.550		12.477	15.027
	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	0.300	1.020		6.356	7.376
	Item No. : 11 Transportation of earth Transportation charges							1.752		8.753	10.505
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							3.570			
	Deduction										
	Brick work	1			1.400	1.100	0.800	1.232			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							1.752			
					Net Qty = A - B			1.818		10.080	11.898
	AY 07										
	CH64.20	592.020	591.060	590.810			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			2.000	1.700	1.010	3.434		15.027	18.461
	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		7.376	8.056



Jan

Manhole MB Ayodhyanager

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B	D		Page	Quantity	
	Item No. : 11 Transportation of earth Transportation charges							1.998		10.505	12.504
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.114			
	Deduction										
	Brick work	1			1.400	1.100	0.960	1.478			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murum bedding							0.000			
	Total (B)							1.998			
	Net Qty = A - B							2.116			
AY 08									11.898		14.013
CH76.80		592.510	591.410	591.160			1.350				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	1.150	3.910		18.461	22.371
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		8.056	8.736
	Item No. : 11 Transportation of earth Transportation charges							2.214		12.504	14.718
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.590			
	Deduction										
	Brick work	1			1.400	1.100	1.100	1.694			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murum bedding							0.000			
	Total (B)							2.214			
	Net Qty = A - B							2.376			
AY 09									14.013		16.389
CH87.20		592.680	591.730	591.480			1.200				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.900	3.060		22.371	25.431
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			2.000	1.700	0.200	0.680		8.736	9.416
	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	0.100	0.340		0.000	
	Item No. : 11 Transportation of earth Transportation charges							1.983		14.718	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation(A)=							4.080			



July 2

Name of work :- De-
and Zone Solis A/C
Plant based on mode
Garden, Zalta, Padegaon
of Sewage pumping station
No.98 and CIDCO
GRP/DI pipe line
STP for Aurangabad

Underground Sewerage Collection system for Zone I to VI
Testing and Commissioning of Sewage Treatment
Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth
Construction. Erection, Testing and Commission
den, Padegaon, Golwadi, Zalta, Ward
ing, lowering, jointing and test
Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to

Book No. :- 120
Page No. :-

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

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upt Date Quantity	
		GL	No		L	B		D	Page		Quantity
			IL	EX.L							
		Net Qty = A - B					2.283		20.862	23.14	
AY 12											
CH131.50		593.940	592.740	592.490		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	32.741	36.99	
	(b) For Lift 1.5m to 3.0m	1			2.000	1.700	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			2.000	1.700	0.200	0.680	10.776	11.45	
	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	0.680	0.68	
	Item No. : 11 Transportation of earth ansportation charges							2.368	21.052	23.42	
	Item No. - Refilling the excavated trenches ...										
	Total Exc. (A)=						4.930				
	Deduction										
	Brick work	1			1.400	1.100	1.200	1.848			
	soling							0.000			
	PCC	1			1.600	1.300	0.250	0.520			
	Murrum bedding							0.000			
	Total (B)							2.368			
								2.562	23.145	25.70	



Jan

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, Zalta, Ward No.98 and CIDCO (Airport), Providing, Lining, laying jointing and testing rising GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No. 10, STP for Aurangabad City.

Book No. :-
Page No. : 121

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

Page 1

Manhole Details Ayodhyanager

9th R A BILL MEASURMENTS CHEMBER DETAILS AYODHYA NAGAR

SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30 cm
		No				
		GL	IL	DEPTH		
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	AYODHYA NAGAR					
1	AY 01	589.860	588.660	1.200	1.500	-1.000
	TOTAL				-0.300	-1.000
SR NO	CHEMBER NUMBER	DETAILS			Rebate up to Depth of 1.5 mtr For per 30 cm	Total Rebate Qty for 30 cm
		No				
		GL	IL	DEPTH		
B	Extra Item No. 03 : Providing and constructing on sewer.BBM manhole 0.9 m x 0.6 m and up to a depth of 1.5 M etc., complete					
1	AYODHYA NAGAR					
1	AY 02	590.050	589.250	0.800	1.500	-0.700
2	AY 03	590.510	589.710	0.800	1.500	-0.700
3	AY 04	590.910	590.110	0.800	1.500	-0.700
4	AY 05	591.165	590.365	0.800	1.500	-0.700
5	AY 06	591.610	590.810	0.800	1.500	-0.700
6	AY 07	592.020	591.060	0.960	1.500	-0.540
7	AY 08	592.510	591.410	1.100	1.500	-0.400
8	AY 09	592.680	591.730	0.950	1.500	-0.550
9	AY 10	593.180	592.080	1.100	1.500	-0.400
10	AY 11	593.390	592.340	1.050	1.500	-0.450
11	AY 12	593.940	592.740	1.200	1.500	-0.300
	TOTAL				-6.140	-20.467



jay

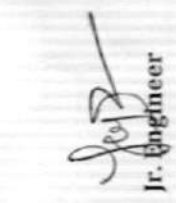
Qty Ayodhyanager

QUANTITY ABSTRACT
AYODHYA NAGAR

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 0-1.5 m R.R. (1420)	Extra Item 2.a Rebate	Extra Item 3 0-1.5 m	Extra Item 3.a Rebate
			0-1.5	1.5-3.0				250mm	315mm	250mm	315mm	250mm	315mm						
1	For Pipe		65.213		19.089	2.873	8.815	14.987	17.500	17.500	104.100	17.500	17.500	72.188	0.150				
2	For Manhole		36.991	0.000	11.456	0.680	23.420							25.707		1.000	-1.000	11.00	-20.47
	Total		102.204	0.000	30.545	3.553	8.815	38.406	17.500	104.100	17.500	104.100	17.500	97.896	0.150	1.000	-1.000	11.00	-20.47


Ex. Engineer


Dy. Engineer


Jr. Engineer


Project Manager


Project Manager

PMC


Project Engineer


Authorized Signatory

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. :- 123
Page No. :-

TV Center-02 (Near Sambhaji Putala) Meas. DWC

9th RA BILL MEASUREMENTS DWC PIPE TV CENTER-02 (NEAR SAMBHAJI PUTLA)

Date	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No IL	EX.L	L	B		D	Page	
	DWC - 250mm Dia									
	Width of Trench - For Lift 0 to 1.50m- 0.250+0.5=0.750m									
	For Lift 1.5 to 3.00m- 0.250+0.5+0.4=1.150m									
	For Lift 3.0 to 4.5m- 0.250+0.5+0.4+0.4=1.550m									
	T 15 to T 15.1									
	CH0.00	591.167	589.827	589.727			1.440	1.430		
	CH25.00	591.267	589.947	589.847			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			24.300	0.750	1.430	26.062	0.000	26.062
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			24.600	0.750	0.100	1.845	0.000	1.845
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading							3.052	0.000	3.052
	Item No. 13 :- (c)Lowering & Laying of Polyethylene DWC pipe of 250mm Dia	1			25.100			25.100	0.000	25.100
	Item No. 30 :- Refilling the excavated trenches ...									
	Total Excavation=							26.062		
	Deduction of 250mm dia pipe pipe area	1.000		0.785	24.600	0.250	0.250	1.207		
	soling							0.000		
	PCC							0.000		
	Murrum bedding							1.845		
								3.052		
								Net Qty = A - B		
	T 18 to T 18.1							23.010	0.000	23.010
	CH0.00	591.567	590.202	590.102			1.465	1.455		
	CH3.00	591.667	590.322	590.222			1.445			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			2.300	0.700	1.455	2.343	26.062	28.404
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			2.600	0.700	0.100	0.182	1.845	2.027
	Item No. : 11 Transportation of earth Transportation charges							0.264	3.052	3.316
	Item No. 13 :- (a)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			2.600			2.600	0.000	2.600



Handwritten signature

2

TV Center-02 (Near Sambhaji Putala) Meas. 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. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						2.343				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	2.600	0.200	0.200	0.082			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.182			
								0.264			
								Net Qty = A - B			
	T 18 to T 18.2							2.079	23.010	25.089	
	CH0.00	591.567	590.202	590.102			1.465				
	CH5.00	591.667	590.322	590.222			1.445	1.455			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			4.300	0.700	1.455	4.380	28.404	32.784	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			4.600	0.700	0.100	0.322	2.027	2.349	
	Item No. : 11 Transportation of earth Transportation charges							0.466	3.316	3.782	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			4.600			4.600	2.600	7.200	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							4.380			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	4.600	0.200	0.200	0.144			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.322			
								0.466			
								Net Qty = A - B			
	T 20 to T 20.1							3.913	25.089	29.002	
	CH0.00	591.582	590.322	590.222			1.360				
	CH1.70	591.682	590.442	590.342			1.340	1.350			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			1.000	0.700	1.350	0.945	32.784	33.729	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			1.000	0.700	0.100	0.070	2.349	2.419	
	Item No. : 11 Transportation of earth Transportation charges							0.101	3.782	3.883	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			1.000			1.000	7.200	8.200	



Handwritten signature

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

Book No. :-

Page No. :- 125

TV Center-02 (Near Sambhaji Putala) Meas. DWC

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		GL	No		L	B	D		Page	Quantity	
			IL	EX.L							
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						0.945				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	1.000	0.200	0.200	0.031			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.070			
								0.101			
								0.844	29.002	29.845	
	T 21 to T 21.1										
	CH0.00	591.817	590.447	590.347			1.470	1.460			
	CH1.50	591.917	590.567	590.467			1.450				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.800	0.700	1.460	0.818	33.729	34.546	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.800	0.700	0.100	0.056	2.419	2.475	
	Item No. : 11 Transportation of earth Transportation charges							0.081	3.883	3.965	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.800			0.800	8.200	9.000	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.818			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.800	0.200	0.200	0.025			
	soling							0.000			
	PCC							0.000			
	Murram bedding							0.056			
								0.081			
								0.736	29.845	30.582	
	T 22 to T 22.1										
	CH0.00	591.822	590.417	590.317			1.505	1.495			
	CH1.10	591.922	590.537	590.437			1.485				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murram etc complete.										
	(a) For Lift 0 to 1.5m	1			0.400	0.700	1.495	0.419	34.546	34.965	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.700	0.700	0.100	0.049	2.475	2.524	
	Item No. : 11 Transportation of earth Transportation charges							0.071	3.965	4.036	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.950			0.950	9.000	9.950	



Handwritten signature or initials.

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Safim Ah. 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. :-

4

TV Center-02 (Near Sambhaji Putala) Meas. 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. 30 :- Refilling the excavated trenches ...										
	Total Excavation=						0.419				
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.700	0.200	0.200	0.022			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.049			
								0.071			
								Net Qty = A - B			
								0.348	30.582	30.930	
	T 23 to T 23.1										
	CH0.00	591.982	590.652	590.552			1.430				
	CH0.90	592.082	590.772	590.672			1.410	1.420			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.200	0.700	1.420	0.199	34.965	35.164	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.500	0.700	0.100	0.035	2.524	2.559	
	Item No. : 11 Transportation of earth Transportation charges							0.051	4.036	4.086	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.750			0.750	9.950	10.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							0.199			
	Deduction of 200mm dia pipe										
	pipe area	1.000		0.785	0.500	0.200	0.200	0.016			
	soling							0.000			
	PCC							0.000			
	Murum bedding							0.035			
								0.051			
								Net Qty = A - B			
								0.148	30.930	31.078	
	T 24 to T 24.1										
	CH0.00	592.252	591.122	591.022			1.230				
	CH1.00	592.352	591.242	591.142			1.210	1.220			
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.300	0.700	1.220	0.256	35.164	35.420	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			0.600	0.700	0.100	0.042	2.559	2.601	
	Item No. : 11 Transportation of earth Transportation charges							0.061	4.086	4.147	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			0.850			0.850	10.700	11.550	



Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Salem AH. 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 to CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP/UP pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

Book No. :- 128
Page No. :-

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

QUANTITY ABSTRACT											
TV CENTER-02 (NEAR SAMBHAJI PUTLA)											
Sr. No.	Discription	MB/PG	ITEM 1		ITEM 7	ITEM 11	ITEM 12		ITEM 13		ITEM 30
			0-1.5	35.420			200mm	250mm	200mm	250mm	
1	For Pipe		35.420		2.601	4.147	11.550	25.100	11.550	25.100	31.273
2	For Manhole										
				Total	2.601	4.147	11.550	25.100	11.550	25.100	31.273

CONTRACTOR



Authorized Signatory



Project Engineer

PMC



Project Manager

(Signature)

Jr. Engineer

(Signature)

Dy. Engineer

(Signature)

CLIENT

(Signature)
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 No.98 and CIDCO (Airport). Providing, lowering, laying jointing and testing rising main GRP/DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 STP for Aurangabad City.

9th R A BILL MEASUREMENTS DWC PIPE PAWAN NAGAR

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	PAWAN NAGAR N9-GN-2										
	DWC - 200mm Dia										
	PN1 TO PN2										
	CH0.00	594.340	593.470	593.370			0.970	1.035			
	CH29.00	594.040	593.040	592.940			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			27.300	0.700	0.935	17.868	0.000	17.868	
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			27.300	0.700	0.100	1.911	0.000	1.911	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			27.600	0.700	0.100	1.932	0.000	1.932	
	Item No. : 11 Transportation of earth Transportation charges including loading &							2.799	0.000	2.799	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			28.100			28.100	0.000	28.100	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							19.779			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	27.600	0.200	0.200	0.867			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							1.932			
								2.799			
	Net Qty = A - B							16.980	0.000	16.980	
	PN2 TO PN3										
	CH29.00	594.040	593.040	592.940			1.100	1.105			
	CH37.20	594.030	593.020	592.920			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			6.200	0.700	1.005	4.362	17.868	22.230	
	Item No. 4- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			6.200	0.700	0.100	0.434	1.911	2.345	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			6.800	0.700	0.100	0.476	1.932	2.408	



Handwritten signature

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

Pawan Nagar-Measurment

Rate	Particulars of work	DETAILS					Content of arrears	Last measurement		Total Upto Date Quantity	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	PN3 TO PN3.1										
	CH0.80	594.030	593.020	592.920			1.110	1.040			
	CH14.60	593.680	592.810	592.710			0.970				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth soils, Soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			12.600	0.700	0.940	8.291	34.970	43.260	
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			12.600	0.700	0.100	0.882	3.619	4.501	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			13.200	0.700	0.100	0.924	3.724	4.648	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.338	5.394	6.733	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			13.700			13.700	54.700	68.400	
	Item No. 30 :- Refilling the excavated trenches ...							9.173			
	Total Excavation=										
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	13.200	0.200	0.200	0.414			
	soling							0.000			
	PCC							0.000			
	Murrum bedding							0.924			
								1.338			
								7.834	33.194	41.028	
	PN3.1 TO PN3.2										
	CH14.60	593.680	592.810	592.710			0.970	1.275			
	CH20.80	593.520	592.040	591.940			1.580				
	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	1.175	3.701	43.260	46.962	
	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	0.100	0.315	4.501	4.816	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			4.800	0.700	0.100	0.336	4.648	4.984	
	Item No. : 11 Transportation of earth Transportation charges including loading &							0.487	6.733	7.220	
	Item No. 13 :- (b)Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			5.300			5.300	68.400	73.700	



Handwritten signature

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	PT2 TO PT3										
	CH13.80	592.020	591.020	590.920			1.100	1.075			
	CH28.80	592.100	591.150	591.050			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			13.000	0.700	0.980	8.918	55.635	64.553	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.000	0.700	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			13.000	0.700	0.100	0.910	5.642	6.552	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)										
	(a) For Lift 0 to 1.5m	1			13.600	0.700	0.100	0.952	5.852	6.804	
	Item No. : 11 Transportation of earth Transportation charges including loading &							1.379	8.477	9.856	
	Item No. 13 :- (b) Lowering & Laying of Polyethylene DWC pipe of 200mm Dia	1			14.100			14.100	86.600	100.700	
	Item No. 30 :- Refilling the excavated trenches ...										
	Total Excavation=							9.828			
	Deduction of 200mm dia pipe										
	pipe area	1.00		0.785	13.600	0.200	0.200	0.427			
	soiling							0.000			
	PCC							0.000			
	Murrum bedding							0.952			
								1.379			
								8.449	52.800	61.249	
	PT3 TO PT4										
	CH28.80	592.100	591.150	591.050			1.050	1.195			
	CH36.60	592.560	591.320	591.220			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			5.800	0.700	0.995	4.040	64.553	68.592	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			5.800	0.700	0.200	0.812	0.000	0.812	
	Item No. 4:- Excavation for foundation/pipe trenches in Soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			5.800	0.700	0.000	0.000	6.552	6.552	



Handwritten signature or initials.

