



# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :-

Page No. :-

151

Page 2 of 8

B Sewer-Jalal colony 500-MB (2)

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	(c) For Lift 3.0m to 4.5m	1			25.000	1.300	0.385	12.513		345.786	358.298
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			25.000	1.300	0.200	6.500		229.016	235.516
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							14.792		757.562	772.853
	Item No.17 (c) :- Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			25.000			25.000		147.000	172.000
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							155.013			
	<b>Deduction</b>										
	pipe area	1		0.785	25.000	0.650	0.650	8.29			
	soling							0.00			
	PCC							0.00			
	Murum bedding							6.50			
	<b>Total = B</b>							14.79			
	<b>Net Qty = A - B</b>							140.221		3558.799	3699.020
	CH10569.25	586.705	583.520	583.320							
	CH10593.05	586.930	583.565	583.365			3.39	3.475			
	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			22.350	2.100	1.500	70.402		1052.593	1122.995
	(b) For Lift 1.5m to 3.0m	1			22.350	1.700	0.500	18.997		203.733	222.734
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			22.350	1.700	0.400	15.198		280.868	296.066
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			22.350	1.700	0.300	11.398		193.788	205.187
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			22.350	1.700	0.300	11.398		786.338	797.736
	(c) For Lift 3.0m to 4.5m	1			22.350	1.300	0.475	13.801		358.298	372.099
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			22.350	1.300	0.200	5.811		235.516	241.327
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							13.224		772.353	785.577
	Item No.17 (c) :- Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			23.200			23.200		172.000	195.200
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							141.196			
	<b>Deduction</b>										
	pipe area	1		0.785	22.350	0.650	0.650	7.41			
	soling							0.00			
	PCC							0.00			
	Murum bedding							5.81			



*Handwritten signature*

*Handwritten signature*





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :- 152  
Page No. :-

Page 3 of 8

B Sewer-Jalal colony 500-MB (2)

Date	Particulars of work	DETAILS					Content of area	Last measurement		TOTAL TO DATE
		No			L	B		D	Page	
		GL	IL	EX.L						
	<b>Total = B</b>						13.22			
							127.972	3699.020	3826.992	
	<b>B 100</b>									
	CH10593.05	586.930	583.665	583.465						
	CH10623.65	586.740	583.725	583.525		3.47	3.340			
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murrum etc complete.					3.22				
	(a) For Lift 0 to 1.5m	1			29.150	2.100	0.900	55.094	1122.995	1178.089
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			29.150	2.100	0.500	30.608	381.664	412.271
	<b>Item No. 4:-</b> Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			29.150	2.100	0.100	6.122	230.417	236.539
	(b) For Lift 1.5m to 3.0m	1			29.150	1.700	0.300	14.867	205.187	220.053
	<b>Item No. 5 :-</b> Excavation for foundation/pipe trenches in Hard rock etc complete.									
	(b) For Lift 1.5m to 3.0m	1			29.150	1.700	1.200	59.466	797.736	857.202
	(c) For Lift 3.0m to 4.5m	1			29.150	1.300	0.340	12.884	372.099	384.984
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			29.150	1.300	0.200	7.579	241.327	248.906
	<b>Item No. 11</b> Transportation of earth Transportation charges including loading & unloading excavated							17.247	785.577	802.824
	<b>Item No.17 (c) :-</b> Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			30.000			30.000	195.200	225.200
	<b>Item No 30 :-</b> Refilling the excavated trenches ...									
	<b>Total Excavation = A</b>						179.039			
	<b>Deduction</b>									
	pipe area	1		0.785	29.150	0.650	0.650	9.67		
	soling							0.00		
	PCC							0.00		
	Murrum bedding							7.58		
	<b>Total = B</b>						17.25			
							161.792	3826.992	3988.785	
	CH10623.65	586.740	583.725	583.525		3.22	3.143			
	CH10657.45	586.660	583.790	583.590		3.07				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			32.350	2.100	0.900	61.141	1178.089	1239.230
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murrum etc complete.									
	(a) For Lift 0 to 1.5m	1			32.350	2.100	0.300	20.380	412.271	432.652
	<b>Item No. 4:-</b> Excavation for foundation/pipe trenches in soft rock etc complete.									
	(a) For Lift 0 to 1.5m	1			32.350	2.100	0.300	20.380	236.539	256.919



*Handwritten signature*

*Handwritten signature*





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :- **153**  
Page No. :-

Page 4 of 8

B Sewer-Jalal colony 500-MB (2)

Date  
Me:  
rem

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	<b>Item No. 5 :-</b> Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			32.350	1.700	1.500	82.492	857.202	939.695	
	(c) For Lift 3.0m to 4.5m	1			32.350	1.300	0.143	6.014	384.984	390.998	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			32.350	1.300	0.200	8.411	248.906	257.317	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading excavated							19.140	802.824	821.964	
	<b>Item No.17 (c) :-</b> Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			33.200			33.200	225.200	258.400	
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							190.409			
	<b>Deduction</b>										
	pipe area	1		0.785	32.350	0.650	0.650	10.73			
	soling							0.00			
	PCC							0.00			
	Murum bedding							8.41			
	<b>Total = B</b>							19.140			
								<b>Net Qty = A - B</b>	171.269	3988.785	
	<b>B 101</b>										
	CH10657.45	586.660	583.795	583.595			3.07	3.095			
	CH10688.05	586.780	583.855	583.655			3.13				
	<b>Item No. 1 :-</b> Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			29.150	1.700	0.900	44.600	1239.230	1283.830	
	<b>Item No. 2 :-</b> Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			29.150	1.700	0.500	24.778	432.652	457.429	
	<b>Item No. 4:-</b> Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			29.150	1.700	0.100	4.956	256.919	261.875	
	(b) For Lift 1.5m to 3.0m	1			29.150	1.300	0.200	7.579	220.053	227.632	
	<b>Item No. 5 :-</b> Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			29.150	1.300	1.300	49.264	939.695	988.958	
	(c) For Lift 3.0m to 4.5m	1			29.150	1.300	0.095	3.600	390.998	394.598	
	<b>Item No. 7 :-</b> Filling in plinth and floors/ trenches etc complete.(bedding)	1			29.150	1.300	0.200	7.579	257.317	264.896	
	<b>Item No. : 11</b> Transportation of earth Transportation charges including loading & unloading excavated							17.247	821.964	839.211	
	<b>Item No.17 (c) :-</b> Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			30.000			30.000	258.400	288.400	
	<b>Item No 30 :-</b> Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							134.775			
	<b>Deduction</b>										



*Handwritten signature*

*Handwritten signature*





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :- 154

Page No. :-

Page 5 of 8

B Sewer-Jalal colony 500-MB (2)

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE	
		No			L	B	D		Page	Quantity		
		GL	IL	EX.L								
	pipe area	1		0.785	29.150	0.650	0.650	9.67				
	soling							0.00				
	PCC							0.00				
	Murrum bedding							7.58				
	<b>Total = B</b>							17.25				
		<b>Net Qty = A - B</b>										
								117.528	4160.053	4277.581		
	CH10688.05	586.780	583.855	583.655								
	CH10718.05	587.490	583.915	583.715			3.13	3.450				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.						3.78					
	(a) For Lift 0 to 1.5m	1			30.000	2.100	0.800	50.400	1283.830	1334.230		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			30.000	2.100	0.400	25.200	457.429	482.629		
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.											
	(a) For Lift 0 to 1.5m	1			30.000	2.100	0.300	18.900	261.875	280.775		
	(b) For Lift 1.5m to 3.0m	1			30.000	1.700	0.300	15.300	227.632	242.932		
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.											
	(b) For Lift 1.5m to 3.0m	1			30.000	1.700	1.200	61.200	988.958	1050.158		
	(c) For Lift 3.0m to 4.5m	1			30.000	1.300	0.450	17.550	394.598	412.148		
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			30.000	1.300	0.200	7.800	264.896	272.696		
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							17.750	839.211	856.961		
	Item No.17 (c) :- Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			30.000			30.000	288.400	318.400		
	Item No 30 :- Refilling the excavated trenches ...											
	<b>Total Excavation = A</b>							188.550				
	<b>Deduction</b>											
	pipe area	1		0.785	30.000	0.650	0.650	9.95				
	soling							0.00				
	PCC							0.00				
	Murrum bedding.							7.80				
	<b>Total = B</b>							17.75				
		<b>Net Qty = A - B</b>										
								170.800	4277.581	4448.382		
	CH10718.05	587.490	583.915	583.715			3.78	3.725				
	CH10749.25	587.450	583.975	583.775			3.68					
	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			29.750	2.100	0.800	49.980	1334.230	1384.210		
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.											
	(a) For Lift 0 to 1.5m	1			29.750	2.100	0.300	18.743	482.629	501.372		



*Handwritten signatures and initials*





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :-  
Page No. :- **155**

Page 6 of 8

B Sewer-Jalal colony 500-MB (2)

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			29.750	2.100	0.400	24.990		280.775	305.765
	(b) For Lift 1.5m to 3.0m	1			29.750	1.700	0.100	5.058		242.932	247.990
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			29.750	1.700	1.400	70.805		1050.158	1120.963
	(c) For Lift 3.0m to 4.5m	1			29.750	1.300	0.725	28.039		412.148	440.187
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			29.750	1.300	0.200	7.735		272.696	280.431
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							17.602		856.961	874.563
	Item No.17 (c) :- Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			30.600			30.600		318.400	349.000
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							197.614			
	<b>Deduction</b>										
	pipe area	1		0.785	29.750	0.650	0.650	9.87			
	soling							0.00			
	PCC							0.00			
	Murum bedding							7.74			
	<b>Total = B</b>							17.60			
								<b>Net Qty = A - B</b>		4448.382	4628.394
	<b>B 102</b>										
	CH10749.25	587.450	583.975	583.775			3.68	2.748			
	CH10782.35	585.660	584.040	583.840			1.82				
	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			31.650	1.700	1.480	79.631		1384.210	1463.841
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			31.650	1.700	0.020	1.076		501.372	502.448
	(b) For Lift 1.5m to 3.0m	1			31.650	1.300	0.780	32.093		296.066	328.159
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			31.650	1.300	0.468	19.256		247.990	267.246
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			31.650	1.300	0.200	8.229		280.431	288.660
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							18.726		874.563	893.289
	Item No.17 (c) :- Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			32.500			32.500		349.000	381.500
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							132.056			
	<b>Deduction</b>										



*Handwritten signature*

*Handwritten signature*





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :- **153**  
Page No. :-

Page 7 of 8

B Sewer-Jalal colony 500-MB (2)

Date	Particulars of work	DETAILS						Content of area	Last measurement		TOTAL TO DATE
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	pipe area	1		0.785	31.650	0.650	0.650	10.50			
	soling							0.00			
	PCC							0.00			
	Murum bedding							8.23			
	<b>Total = B</b>							<b>18.73</b>			
		Net Qty = A - B								4628.394	4741.724
	CH10782.35	585.660	584.040	583.840				1.82			
	CH10814.85	588.275	584.105	583.905				4.37			
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			32.500	1.700	1.500	82.875		1463.841	1546.716
	(b) For Lift 1.5m to 3.0m	1			32.500	1.300	0.525	22.181		222.731	244.912
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(b) For Lift 1.5m to 3.0m	1			32.500	1.300	0.800	33.800		328.159	361.959
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(b) For Lift 1.5m to 3.0m	1			32.500	1.300	0.175	7.394		267.246	274.640
	(c) For Lift 3.0m to 4.5m	1			32.500	1.300	0.095	4.014		0.000	4.014
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			32.500	1.300	0.200	8.450		288.660	297.110
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							19.229		893.289	912.519
	Item No.17 (c) :- Lowering & Laying RCC NP3 class pipe of 500mm Dia	1			32.500			32.500		381.500	414.000
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>150.264</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	32.500	0.650	0.650	10.78			
	soling							0.00			
	PCC							0.00			
	Murum bedding							8.45			
	<b>Total = B</b>							<b>19.23</b>			
		Net Qty = A - B								4741.724	4872.759
	CH10814.85	588.275	584.105	583.905				4.37			
	CH10861.25	587.045	584.175	583.975				3.07		B103 at CH10861.25	
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			44.950	2.100	0.000	0.000		153.882	153.882
	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			44.950	2.100	1.500	141.592		1546.716	1688.309
	(b) For Lift 1.5m to 3.0m	1			44.950	1.700	1.250	95.519		244.912	340.431
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			44.950	2.100	0.000	0.000		502.448	502.448



*B.K. Pardeshi*  
**Sectional Engineer**













# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

**Name of work:-** Development of Underground Sewerage Collection system for Zone I to VI and Zone Salim Ali. Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanehanwadi), 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. :- 159

Page 2 of 5

B Sewer-Rahulnagar-400mm MB(2)

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.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			37.50			37.500		25.000	62.500
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>115.425</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	37.50	0.550	0.550	8.90			
	Murum bedding							9.00			
	<b>Total = B</b>							<b>17.90</b>			
								<b>Net Qty = A - B</b>		<b>5202.788</b>	<b>5300.308</b>
	<b>CH790.40</b>	545.258	543.408	543.208			2.05	2.040			
	<b>CH818.30</b>	545.365	543.535	543.335			2.03				
	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			26.45	1.600	1.500	63.480		1836.269	1899.749
	(b) For Lift 1.5m to 3.0m	1			26.45	1.200	0.540	17.140		364.227	381.366
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			26.95	1.200	0.200	6.468		323.713	330.181
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							12.749		968.669	981.418
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			27.30			27.300		62.500	89.800
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>80.620</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	26.45	0.550	0.550	6.28			
	Murum bedding							6.47			
	<b>Total = B</b>							<b>12.75</b>			
								<b>Net Qty = A - B</b>		<b>5300.308</b>	<b>5368.179</b>
	<b>BG 46.15</b>										
	<b>CH818.30</b>	545.365	544.035	543.835			1.53	1.765			
	<b>CH835.10</b>	545.885	544.085	543.885			2.00				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.										
	(a) For Lift 0 to 1.5m	1			13.90	1.600	1.500	33.360		1899.749	1933.109
	(b) For Lift 1.5m to 3.0m	1			13.90	1.200	0.265	4.420		381.366	385.786
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete (bedding)	1			14.90	1.200	0.200	3.576		330.181	333.757
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							6.877		981.418	988.295
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			15.60			15.600		89.800	105.400
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							<b>37.780</b>			
	<b>Deduction</b>										
	pipe area	1		0.785	13.90	0.550	0.550	3.30			



*Handwritten signature*

*Handwritten signature*









# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :-

Page No. :- **161**

N.  
A

Page 4 of 5

B Sewer-Rahulnagar-400mm MB(2)

Date	Particulars of work	DETAILS						Content of area	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Murum bedding										
	<b>Total = B</b>						4.79				
							9.41				
							<b>Net Qty = A - B</b>				
	<b>BG 46.17</b>						46.026		5452.396	5498.422	
	CH879.10	545.876	544.234	544.034							
	CH899.70	545.880	544.300	544.100		1.84	1.811				
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murum etc complete.					1.78					
	(a) For Lift 0 to 1.5m	1			19.15	1.600	1.500	45.960	2031.749	2077.709	
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.311	7.147	398.248	405.395	
	Item No. 7 :- Filling in plinth and floors/ trenches etc complete.(bedding)	1			19.15	1.200	0.200	4.596	343.741	348.337	
	Item No. : 11 Transportation of earth Transportation charges including loading & unloading excavated							9.143	1008.038	1017.192	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000	148.200	168.200	
	Item No 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation = A</b>							53.107			
	Deduction										
	pipe area	1		0.785	19.15	0.550	0.550	4.55			
	Murum bedding							4.60			
	<b>Total = B</b>							9.14			
							<b>Net Qty = A - B</b>				
							43.963		5498.422	5542.385	
	CH899.70	545.880	544.300	544.100		1.78					
	CH920.10	545.895	544.415	544.215		1.68	1.730				
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.										
	(a) For Lift 0 to 1.5m	1			18.95	1.600	0.000	0.000	153.882	153.882	
	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			18.95	1.600	1.500	45.480	2077.709	2123.189	
	(b) For Lift 1.5m to 3.0m	1			18.95	1.200	0.230	5.230	405.395	410.625	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murum etc complete.										
	(a) For Lift 0 to 1.5m	1			18.95	1.600	0.000	0.000	502.448	502.448	
	(b) For Lift 1.5m to 3.0m	1			18.95	1.200	0.000	0.000	402.700	402.700	
	(c) For Lift 3.0m to 4.5m	1			18.95	1.200	0.000	0.000	33.768	33.768	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			18.95	1.600	0.000	0.000	305.765	305.765	
	(b) For Lift 1.5m to 3.0m	1			18.95	1.200	0.000	0.000	274.640	274.640	
	(c) For Lift 3.0m to 4.5m	1			18.95	1.200	0.000	0.000	19.791	19.791	
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(a) For Lift 0m to 1.5m	1			18.95	1.600	0.000	0.000	532.623	532.623	
	(b) For Lift 1.5m to 3.0m	1			18.95	1.200	0.000	0.000	1120.963	1120.963	



*Handwritten signature*

*Handwritten signature*









# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :-

Page No. :-

163

Page 1 of 1

B Sewer-Jatwada-Harsul 400mm-MB(2)

### 14th RA BILL MEASUREMENTS

#### SEWER "B"

Date	Particulars of work	DETAILS					Content of area	Last measurement		TOTAL TO DATE	
		No			L	B		D	Page		Quantity
		GL	IL	EX.L							
	400mm Dia-At Harsul (Width of Trench -0.4+0.15+0.15+0.5=1.2m)										
	For Width of Trench Calculation Outer dia of Pipe + 0.50 for Bottom and Add 0.4 for Subsequent upper Lifts.					0.0m to 1.5m	0.0m to 3.0m				
	For Lift 0.0m to 1.5m					1.200		1.600			
	For Lift 1.5m to 3.0m							1.200			
	Gap Completed & Connected to B311										
	CH14481.50	602.460	600.330	600.130				2.33			
	CH14502.10	603.915	600.490	600.290				3.63			
	Item No. 3 :- Excavation for foundation/pipe trenches in slush etc complete.								B311		
	(a) For Lift 0 to 1.5m	1			19.15	1.600	0.000	0.000		153.882	
	Item No. 1 :- Excavation for foundation/pipe trenches in all types of soil & soft murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.15	1.600	0.800	24.512		2123.189	
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.700	16.086		410.625	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			19.15	1.600	0.300	9.192		502.448	
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.000	0.000		402.700	
	(c) For Lift 3.0m to 4.5m	1			19.15	1.200	0.000	0.000		33.768	
	Item No. 4:- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			19.15	1.600	0.400	12.256		305.765	
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.778	17.878		274.640	
	(c) For Lift 3.0m to 4.5m	1			19.15	1.200	0.000	0.000		19.791	
	(d) For Lift 4.5m to 6.0m	1			19.15	1.200	0.000	0.000		0.000	
	Item No. 5 :- Excavation for foundation/pipe trenches in Hard rock etc complete.										
	(a) For Lift 0m to 1.5m	1			19.15	1.600	0.000	0.000		532.623	
	(b) For Lift 1.5m to 3.0m	1			19.15	1.200	0.000	0.000		1120.963	
	(c) For Lift 3.0m to 4.5m	1			19.15	1.200	0.000	0.000		440.187	
	(d) For Lift 4.5m to 6.0m	1			19.15	1.200	0.000	0.000		212.790	
	(e) For Lift 6.0m to 7.5m	1			19.15	1.300	0.000	0.000		76.907	
	Item No. 7 :- Filling in plinth and floors/ trenches etc	1			19.15	1.200	0.200	4.596		353.005	
	Item No. : 11 Transportation of earth Transportation charges including							9.143		1026.350	
	Item No.17 (a) :- Lowering & Laying RCC NP3 class pipe of 400mm Dia	1			20.00			20.000		188.000	
	Item No 30 :- Refilling the excavated trenches ...										
	Total Excavation = A							79.924			
	Deduction										
	pipe area	1		0.785	19.15	0.550	0.550	4.55			
	soling							0.00			
	PCC							0.00			
	Murrum bedding							4.60			
	Total = B							9.14			
	Net Qty = A - B							70.78		5583.928	
										5654.209	



*Handwritten signature*

*Handwritten signature*





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

164

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

Page 1 of 1

B Sewer-RCC 1.5m MH-Rahul Nagar

### 14th RA BILL MEASUREMENTS

Sewer B -

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 RCC 1.50m dia Manhole - 1.50+0.2+0.2+0.5+0.5=2.90m Breadth for Manhole=2.90*2.90=8.41m BG 46.15	545.365	543.535	543.185			2.180	400mm Rahul Nagar			
	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	8.410	1.500	9.903	0.000	9.908	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.680	4.489	0.000	4.489	
	Item No. : 11 Transportation of earth Transportation charges							6.715	0.000	6.715	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							14.392			
	<b>Deduction</b>										
	Wall	1			0.785	1.900	1.900	1.830	5.186		
	Raft	1			0.785	2.300	2.300	0.250	1.038		
	PCC	1			0.785	2.500	2.500	0.100	0.491		
								6.715			
	<b>Net Qty = A - B</b>							7.677	0.000	7.677	
	BG 46.16	545.885	544.085	543.735			2.150				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.500	9.903	9.903	19.806	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.650	4.291	4.489	8.780	
	Item No. : 11 Transportation of earth Transportation charges							6.630	6.715	13.344	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							14.194			
	<b>Deduction</b>										
	Wall	1			0.785	1.900	1.900	1.800	5.101		
	Raft	1			0.785	2.300	2.300	0.250	1.038		
	PCC	1			0.785	2.500	2.500	0.100	0.491		
								6.630			
	<b>Net Qty = A - B</b>							7.564	7.677	15.242	
	BG 46.17	545.876	544.226	543.876			2.000				
	Item No. 1 :- Excavation for foundation/pipe trenches in earth										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.500	9.903	19.806	29.708	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	0.500	3.301	8.780	12.081	
	Item No. : 11 Transportation of earth Transportation charges							6.205	13.344	19.549	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							13.204			
	<b>Deduction</b>										
	Wall	1			0.785	1.900	1.900	1.650	4.676		
	Raft	1			0.785	2.300	2.300	0.250	1.038		
	PCC	1			0.785	2.500	2.500	0.100	0.491		
								6.205			
	<b>Net Qty = A - B</b>							6.999	15.242	22.241	



*Handwritten signature*

*Handwritten signature*













# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :-

Page No. :- 167

Name of  
Authori

Page 3 of 12

B Sewer-RCC 1.5m MH-10th

Date	Particulars of work	DETAILS						Content of arrears	Last measurement		Total Upto Date Quantity
		No			L	B	D		Page	Quantity	
		GL	IL	EX.L							
	Wall	1		0.785	1.900	1.900	2.410	6.830			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								8.358			
								<b>Net Qty = A - B</b>			
								9.863	50.114	59.977	
	<b>B 60</b>										
	CH8292.65/CH8194.15	566.010	563.655	563.305			2.705				
	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	8.410	0.150	0.990	53.937	54.927	
	Item No. 2 :- Excavation for foundation/pipe trenches in Hard murrum etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.250	1.650	2.839	4.489	
	Item No. 4 :- Excavation for foundation/pipe trenches in soft rock etc complete.										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.350	2.311	3.301	5.612	
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	0.750	4.951	9.243	14.194	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.205	7.955	21.621	29.576	
	Item No. : 11 Transportation of earth Transportation charges							8.203	51.693	59.896	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							17.858			
	<b>Deduction</b>										
	Wall	1		0.785	1.900	1.900	2.355	6.674			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								8.203			
								<b>Net Qty = A - B</b>			
								9.655	59.977	69.633	
	<b>B 61</b>										
	CH8255.65	567.190	564.165	563.815			3.375				
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.500	9.903	14.194	24.097	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.500	9.903	29.576	39.479	
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.375	2.476	0.726	3.202	
	Item No. : 11 Transportation of earth Transportation charges							10.101	59.896	69.997	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							22.281			
	<b>Deduction</b>										
	Wall	1		0.785	1.900	1.900	3.025	8.572			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								10.101			
								<b>Net Qty = A - B</b>			
								12.180	69.633	81.813	
	<b>B 62</b>										
	CH8314.65	568.245	565.010	564.660			3.585				
	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	8.410	0.400	2.641	54.927	57.568	



Joint





# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :- 163  
Page No. :-

Page 4 of 12

B Sewer-RCC 1.5m MH-10th

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. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.100	7.262			
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.500	9.903	24.097	31.359	
	(c) For Lift 3.0m to 4.5m	1			0.785	8.410	0.585	3.862	39.479	49.382	
	Item No. : 11 Transportation of earth Transportation charges							10.696	3.202	7.064	
	Item No. 30 :- Refilling the excavated trenches ...								69.997	80.693	
	<b>Total Excavation=</b>							23.668			
	<b>Deduction</b>										
	Wall	1		0.785	1.900	1.900	3.235	9.168			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								10.696			
	<b>B 63</b>							<b>12.971</b>	<b>81.813</b>	<b>94.784</b>	
	<b>CH8358.65</b>	568.225	565.700	565.350			2.875				
	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	8.410	0.405	2.674	57.568	60.242	
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.095	7.229	31.359	38.589	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.375	9.078	49.382	58.459	
	Item No. : 11 Transportation of earth Transportation charges							8.684	80.693	89.377	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							18.980			
	<b>Deduction</b>										
	Wall	1		0.785	1.900	1.900	2.525	7.155			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								8.684			
	<b>B 64</b>							<b>10.296</b>	<b>94.784</b>	<b>105.080</b>	
	<b>CH8412.65</b>	568.645	566.350	566.000			2.645				
	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	8.410	0.300	1.981	60.242	62.222	
	ITEM No. 5 :- Excavation for foundation / pipe trenches in laterite rock masses etc complete										
	(a) For Lift 0 to 1.5m	1			0.785	8.410	1.200	7.922	38.588	46.510	
	(b) For Lift 1.5m to 3.0m	1			0.785	8.410	1.145	7.559	58.459	66.019	
	Item No. : 11 Transportation of earth Transportation charges							8.032	89.377	97.410	
	Item No. 30 :- Refilling the excavated trenches ...										
	<b>Total Excavation=</b>							17.462			
	<b>Deduction</b>										
	Wall	1		0.785	1.900	1.900	2.295	6.504			
	Raft	1		0.785	2.300	2.300	0.250	1.038			
	PCC	1		0.785	2.500	2.500	0.100	0.491			
								8.032			



*Spandh*

*[Signature]*