



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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	ra Item 9.8		Extra Item 9.10	Extra Item: Ex. HM 7.5m to 9.0m	Extra Item: Ex.SR 7.5m to 9.0m	Extra Item: Ex.HR 7.5m to 9.0m	Clause 38			
			b	c					Item No.1			
									0.0-1.5		3.0-4.5	
									2014-15	2015-16	2014-15	2015-16
A) For RCC Sewer												
1	At Salim Ali STP Gate	4593/197-199								28.600		
2	AURANGPURA (Bhaji Mandi)	4589/179-199								1,531.067		171.814
3	Azad Chowk to Central Naka	4589/154-178								541.966		
4	Azad Chowk to siddarth Chowk	4611/19-64								505.430		
5	Sewer 'B'	4598/133-186								2,263.596		
6	BRANCH SEWER AT "BHARATMATA NAGAR"	4580/164-196								1,446.018		47.799
7	Branch Sewer A-at Bhusingpura	4587/60-79								581.875		
8	Branch Sewer of "C" at Roshan Gate to VJP Function Hall	4611/118-157								680.199		
9	Sewer "C"	4578/130-199 & 4611/3-18								3,805.020		
10	D-BRANCH NEAR HARRI MASJID	4590/101-136								186.981		
11	Ghushneswar Nagar (M Branch Sewer)	4580/197-199 & 4583/57-66								788.620		23.060
12	GIRJA MATA TEMPLE TO NYAYA NAGAR	4605/137-154								65.433		
13	In Front Nupur Cinema	4556/192-198								73.617		
14	Branch Sewer - Jyoti Nagar	4614/42-55								533.326		
15	Sewer K	4609/154-199 & 4582/151-199								3,933.545		72.545
16	Branch Of Sewer K at Cigma Hospital	4605/55-66								498.173		
17	Sewer L	4552/186-199 & 4613/1-42								4,398.653		1,251.199
18	Branch Sewer at PADEGAON NEAR PUMP HOUSE	4587/145-157								115.757		
19	Padegaon to Anssar Colony	4587/80-109								503.146		
20	Pruthvinagar branch at Padegaon	4587/110-131								1,191.555		
21	Branch Sewer-D- "Rohidaspora "	4590/173-199 & 4612/1-21								406.614		
22	Branch Sewer E at "RTO Office Back Side to Railway Station"	4603/50-84								600.798		
23	Branch Of Sewer D- SANJAY NAGAR-04"	4590/137/172								151.640		
24	Sewer "D"	4556/172-191								1,030.101		7.426
25	Branch of Sewer D at Bambu Market Near Ajinta Bank	4606/109-149								694.456		
26	Main Sewer "F"	4548/174-199 & 4614/01-41								3,112.950		194.600
27	Branch Of Sewer M - Chikhalthana	4580/30-35								141.692		31.928
28	Shidharth nagar	4611/72-111								345.843		
29	Branch Sewer at Silk Mill Colony	4605/118-136								140.179		
30	Ward No 98	4561/121-152								1,366.361		0.290
B) For DWC Sewer												
1	Ambedkar Nagar Galli-03	4577/188-199								44.425		
2	Ambedkar Nagar Near Pisadevi Road	4580/123-132								79.732		
3	Ambedkar Nagar Part-A,B,C,D,E and F	4580/133-163								185.767		





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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	ka Item 9.8		Extra Item 9.10	Extra Item: Ex. HM 7.5m to 9.0m	Extra Item: Ex.SR 7.5m to 9.0m	Extra Item: Ex.HR 7.5m to 9.0m	Clause 38			
			b	c					Item No.1			
									0.0-1.5		3.0-4.5	
									2014-15	2015-16	2014-15	2015-16
4	Ambedkar Nagar(Panchashil Chowk) 300 dwc	4580/77-87								118.986		0.333
5	Ambedkar Nagar-2(Galli no-13-250mm)	4580/117-122								5.774		
6	Ambedkarnagar Galli no-13-250mm	4580/89-116	1.00							192.040		
7	Anand Apartment	4606/104-199 & 4590/67-92								184.930		
8	Balaji Nagar Nathnagar-02	4614/73-100								256.618		
9	Balaji Nagar Nathnagar-03	4614/156-165								96.772		
10	Balaji Nagar-6(Hanuman Galli)	4615/42-48								34.526		
11	Balaji Nagar-07	4615/125-136								65.799		
12	Balaji Nagar-08 Near Vijay Computers	4614/56-72								74.808		
13	Bansital Nagar	4603/09-49								937.876		
14	Botanical Garden (Azad Chowk)	4611/65-71								49.056		
15	Boudha Nagar-03	4615/104-108								22.423		
16	Chikalthan-2	4580/36-54								99.146		
17	Dashmesh Nagar	4614/137-155								284.960		
18	Eknath Nagar (Onkareshwar Temple)	4614/179-199 & 4615/01-22								444.040		
19	Itkheda	4605/67-82								601.684		
20	Itkheda (Near Mahanubhav Ashram)- 200mm RCC	4605/96-102								66.249		
21	Itkheda- 200mm RCC	4605/83-95								151.605		
22	Kailash Nagar-02-200mm DWC	4590/03-100								39.341		
23	Kanchanwadi Dakshin Vihar	4561/153-180								1,062.238		166.697
24	L Sewer DWC connection	4613/43-71								379.770		
25	Mahu Nagar	4615/109-124								110.855		
26	Masatpur-05	4580/55-76								154.026		
27	Mayur Park	4580/19-29								315.494		3.884
28	MIDC Office Road	4615/142-147								33.063		
29	Milind Nagar-01	4614/101-120								89.964		
30	Milind Nagar-02	4614/121-136								69.651		
31	Milind Nagar-03	4614/166-178								193.380		
32	Nandanvan Colony	4587/132-144								231.216		
33	Pratap Nagar	4615/137-141								18.355		
34	Ralgad Nagar 400mm	4611/112-117								61.971		
35	RTO Office to Mayor House	4603/35-94								254.501		
36	Sai Vrundavan Colony-04-200mm RCC	4605/103-117								73.001		
37	Saujanya Nagar (New Balaji Nagar)	4615/29-41								58.898		
38	Sewer at Vits Hotel, Shahu Nagar, Kakanwadi Chowk and Railway Bridge Near Jain International School	4603/95-103								93.745		36.628
39	Shivaji Nagar-03	4605/155-177								93.349		
40	Shivshankar Colony-04	4615/49-69								57.652		
41	Silekhana 03-200mm DWC	4606/150-172								167.233		
42	Silekhana 04	4606/17-193								128.583		
43	Sindhi colony-2(Balaji Nagar) SW Pipe	4615/70-86								144.738		
44	ST Colony Thakarenagar	4613/93-125								860.303		
45	Trisharan Nagar Buddha Vihar	4615/87-103								130.137		





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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	ra Item 9.8		Extra Item 9.10	Extra Item: Ex. HM 7.5m to 9.0m	Extra Item: Ex.SR 7.5m to 9.0m	Extra Item: Ex.HR 7.5m to 9.0m	Clause 38				
			b	c					Item No.1				
									0.0-1.5		3.0-4.5		
									2014-15	2015-16	2014-15	2015-16	
46	Uttam Nagar	4615/23-28											
47	Vishranti Nagar	4613/72-92										20.340	
C)	Road Restoration Work											580.220	
1	Road work (BM)at Ukanagari(Near Ridhi Sidhi Hall)	4616/126-128											
2	Road work at Cigma Hospital.	4616/85-86										35.310	
3	Road Work at Pushpak Garden Chikhalthana	4616/45-47										218.764	
4	Road Work Avon Hotel Mukundwadi	4616/70-72										246.203	
5	Road Work Bhaji Mandi at Mukundwadi	4616/48-50										208.729	
6	Road Work at Bambu Galli to Raja Bazar Road	4616/73-76										157.000	
7	Road Restoration at Champa Chowk to Life Care Surgical Shop.	4616/185-186										106.042	
8	Road Restoration at Sut Girani Chowk to Darga Chowk Signal	4616/01-09										1,526.818	
9	Road Restoration at Bajjipura Chowk to Jincy Police Station.	4616/157-159											
10	Road Restoration at Bhanudas Nagar	4616/116-117										1,150.952	
11	Road Restoration at Eknath Nagar	4616/120-121 and 139-140										253.221	
12	Road Restoration at Jijau Chowk to Main Road (Mayur Park)	4616/104-105										90.000	
13	Road Restoration at Jincy Police Station Road	4616/15-19										640.253	
14	Road Restoration at Mahalaksmi Chowk Thakare Nagar (N-2)	4616/98-99										182.583	
15	Road Restoration at Nathvaly School Road (Rajveer Milk Store Street Road).	4616/177-178										69.489	
16	Road Restoration at Nathvaly School Road	4616/179-180										89.873	
17	Road Restoration at Near Ridhi Sidhi Hall.	4616/83-84										73.440	
18	Road Restoration at Roshan Gate to Madni Chowk	4616/129-131										461.910	
19	Road Restoration at S.T.Colony to Baba Payletnagari.	4616/100-103										583.349	
20	Road Restoration at Sangharsh Nagar Chikhalthana (Prakash Nagar to Pilot Nagari Road)	4616/77-78										155.250	
21	Road Restoration at Sangharsh Nagar.	4616/175-176										308.100	





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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	ra Item 9.8		Extra Item 9.10	Extra Item: Ex. HM 7.5m to 9.0m	Extra Item: Ex. SR 7.5m to 9.0m	Extra Item: Ex. HR 7.5m to 9.0m	Clause 38				
			b	c					Item No.1				
									0.0-1.5		3.0-4.5		
									2014-15	2015-16	2014-15	2015-16	
22	Road Restoration at Sidharth Chowk to Mata Mandir Road	4616/54-60								799.843			
23	Road Restoration at Silk Mill Colony	4616/132-133								205.565			
24	Road Restoration at Ulkanagari (Indian Oil Petrol pump side)	4616/81-82								249.981			
25	Road Restoration at Ulkanagari (Near Khivansara Park)	4616/87-88								209.188			
26	Road Restoration Work at Azad Chowk to TV Centre Road(Royal Door House Shop)	4616/51-53								118.215			
27	Road Restoration Work at Neharu Bhavan to Buddhiline	4616/109-110								42.900			
28	Road Work (BM) at Champa Chowk to Collector office Road.	4616/95-97											
29	Road work at Azad Chowk To Central Naka Road.	4616/67-69								81.639			
30	Road work at Back Side OF RTO Office Near Sheetal Daily Needs Shop	4616/33-35								24.250			
31	Road work at Bansilal Nagar(Fire Brigade to Behind Datta Mandir).	4616/164-172								424.708			
32	Road work at Champa Chowk to Quisar colony(Abdul Hamid Complex)	4616/30-32											
33	Road Work at Hotel Sagar to Aurangpura Bhaji Mandi.	4616/151-153											
34	Road Work at Jincy Chowk to Nawabpura Chowk.	4616/27-29											
35	Road Work at Arif Colony	4616/118-119								32.521			
36	Road Work at Bajarang Chowk to Azad Chowk.	4616/61-66								420.903			
37	Road Work at Bharatmata Nagar	4616/91-92								271.368			
38	Road Work at Fule Nagar(Usmanpura).	4616/106-108								36.250			
39	Road Work at Itkheda.	4616/160-163								242.330			
40	Road Work at Juna Bajar Sagar Hotel to Town Hall.	4616/141-150								681.274			
41	Road Work at Milind Nagar	4616/154-156								197.640			
42	Road Work at Sai Vrundavan Colony	4616/111-113								143.942			
43	Road Work at Sathe Chowk to MIDC Road	4616/173-174								187.630			
44	Road Work at Town Hall behind royal Zerox	4616/93-94								85.500			
45	Road Work at VIP Function Hall to Madani Chowk.	4616/20-26								331.200			





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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	ra Item 9.8		Extra Item 9.10	Extra Item: Ex. HM 7.5m to 9.0m	Extra Item: Ex.SR 7.5m to 9.0m	Extra Item: Ex.HR 7.5m to 9.0m	Clause 38				
			b	c					Item No.1				
									0.0-1.5		3.0-4.5		
									2014-15	2015-16	2014-15	2015-16	
46	Road Work at Vishranti Nagar(Jay Bhavani Nagar)	4616/79-80								459.025			
47	Road Work(BM) at Zafer Gate to Hari Masjid	4616/43-44											
48	Road Work(BM) at Hotel Tandur to RTO office back Side	4616/36-42											
49	Road Work at Champa Chowk to Roshan Gate	4616/181-182											
50	Road Restoration at Banewadi	4616/114-115								150.000			
51	Road Restoration at Shambhu Nagar	4616/10-14								961.299			
52	Road Work at Champa Chowk to Nishan	4616/183-184											
53	Road Work at Sanjay Nagar (Smashan Bhumi to Baijipura Road)	4616/122-125								266.440			
54	Road Work at Sahas Society (Yug Dharma Apartment to Rajashri Shahu Bank)	4616/134-138								264.824			
	These quantities transfer to Clause 38 of respective Items and year												
	TOTAL For This Bill		1.000	-	-	-	-	-	-	54,319.439	-	2,008.203	
	Previous Quantity for BOQ		66.000	-	0.079	61.171	91.028	92.250	105350.160	117723.564	4.520	8738.523	
	Upto Date Quantity for BOQ		67.000	0.000	0.079	61.171	91.028	92.250	105350.160	172043.003	4.520	10746.726	



Authorized Signatory



Project Engineer



Sr. Project Manager

CLIENT

Executive Engineer



AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38							
			Item No.2		Item No.3		Item No.4	Item No.5		Item No.10
			4.5-6.0 2015-16	0.0-1.5 2015-16	0.0-1.5		1.5-3.0	0.0-1.5 2015-16	0.0-1.5 2015-16	2015-16
A)	For RCC Sewer									
1	At Salim Ali STP Gate	4593/197-199		7.800						
2	AURANGPURA (Bhaji Mandi)	4589/179-199		159.334				2.600		
3	Azad Chowk to Central Naka	4589/154-178		402.746				24.482		
4	Azad Chowk to siddarth Chowk	4611/19-64		681.846		59.400		178.176	17.892	
5	Sewer 'B'	4598/133-186		547.620		153.882		112.403	6.936	
6	BRANCH SEWER AT "BHARATMATA NAGAR"	4580/164-196		190.473		95.381		342.547	633.500	845.000
7	Branch Sewer A-at Bhusingpura	4587/60-79		130.040				146.997		
8	Branch Sewer of "C" at Roshan Gate to VIP Function Hall	4611/118-157		267.097				139.947	177.678	297.300
9	Sewer "C"	4578/130-199 & 4611/3-18		1,208.090		3,228.220		123.953		2,931.460
10	D-BRANCH NEAR HARRI MASJID	4590/101-136		346.497				498.990		9,733.330
11	Ghushneswar Nagar (M Branch Sewer)	4580/197-199 & 4583/57-66						133.919		
12	GIRJA MATA TEMPLE TO NYAYA NAGAR	4605/137-154		113.324						
13	In Front Nupur Cinema	4556/192-198		176.933				43.685		
14	Branch Sewer - Jyoti Nagar	4614/42-55		14.899		31.949		8.640		
15	Sewer K	4609/154-199 & 4582/151-199		1,613.607		125.150				1,413.750
16	Branch Of Sewer K at Sigma Hospital	4605/55-66						641.532		15,035.830
17	Sewer L	4552/186-199 & 4613/1-42		398.035						1,042.500
18	Branch Sewer at PADEGAON NEAR PUMP HOUSE	4587/145-157		35.218				182.426		
19	Padegaon to Anssar Colony	4587/80-109		194.435		372.955		10.043		
20	Pruthvinagar branch at Padegaon	4587/110-131		781.643				193.849	263.229	3,255.000
21	Branch Sewer-D - "Rohidasपुरा"	4590/173-199 & 4612/1-21		98.616				99.908		
22	Branch Sewer E at "RTO Office Back Side to Railway Station"	4603/50-84		187.559				40.315		
23	Branch Of Sewer D- SANJAY NAGAR-04"	4590/137/172		258.282				73.647		
24	Sewer "D"	4556/172-191		46.372				154.391		
25	Branch of Sewer D at Bambu Market Near Ajanta Bank	4606/109-149		155.004				15.421		1,087.500
26	Main Sewer "F"	4548/174-199 & 4614/01-41		71.260		63.640		90.715		
27	Branch Of Sewer M - Chikhalthana	4580/30-35		17.712				20.300	12.600	4,012.500
28	Shidharth nagar	4611/72-111		254.090				17.712		
29	Branch Sewer at Silk Mill Colony	4605/118-136		92.670				106.814		
30	Ward No 98	4561/121-152		639.423		76.619		17.921		
B)	For DWC Sewer									1,277.500
1	Ambedkar Nagar Galli-03	4577/188-199		6.213						
2	Ambedkar Nagar Near Pisadevi Road	4580/123-132		11.705						
3	Ambedkar Nagar Part-A,B,C,D,E and F *	4580/133-163		63.281				15.606		
								25.897		





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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38									
			Item No.2		Item No.3				Item No.4	Item No.5	Item No.10	
			4.5-8.0	0.0-1.5	0.0-1.5		1.5-3.0		0.0-1.5	0.0-1.5		
			2015-16	2015-16	2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	2015-16	
4	Ambedkar Nagar(Panchashil Chowk)-300 dwc	4580/77-87		29.747								
5	Ambedkar Nagar-2(Galli no-13-250mm)	4580/117-122		15.059					1.925			
6	Ambedkarnagar Galli no-13-250mm	4580/88-116		49.203					16.958			
7	Anand Apartment	4606/194-199 & 4590/67-92		16.169					6.666			
8	Balaji Nagar Nathnagar-02	4614/73-100		122.735					75.341			
9	Balaji Nagar Nathnagar-03	4614/156-165		12.636					4.957			
10	Balaji Nagar-6(Hanuman Galli)	4615/42-48							6.217			
11	Balaji Nagar-07	4615/125-136		4.761								
12	Balaji Nagar-08 Near Vijay Computers	4614/56-72							1.208			
13	Bansilal Nagar	4603/09-49		25.265								
14	Botnical Garden (Azad Chowk)	4611/65-71										
15	Boudha Nagar-03	4615/104-108		2.980								
16	Chikalthan-2	4580/36-54							2.280			
17	Dashmesh Nagar	4614/137-155		125.833					7.164			
18	Ekmath Nagar (Onkareshwar Temple)	4614/179-199 & 4615/01-22		207.189					30.785			
19	Itkheda	4605/67-82										
20	Itkheda (Near Mahanubhav Ashram)- 200mm RCC	4605/96-102							0.312			
21	Itkheda- 200mm RCC	4605/83-95		18.762								
22	Kailash Nagar-02-200mm DWC	4590/93-100		12.168					2.920			
23	Kanchanwadi Dakshin Vihar	4561/153-180		38.934					18.249			
24	L Sewer DWC connection	4613/43-71					6.213					
25	Mahu Nagar	4615/109-124		26.748								
26	Masnatpur-05	4580/55-76		19.594								
27	Mayur Park	4580/19-29		5.989					2.599			
28	MIDC Office Road	4615/142-147										
29	Milind Nagar-01	4614/101-120		58.982					4.515			
30	Milind Nagar-02	4614/121-136		12.914								
31	Milind Nagar-03	4614/166-178		184.915					27.076			
32	Nandanvan Colony	4587/132-144		33.874					21.972			
33	Pratap Nagar	4615/137-141										
34	Raigad Nagar 400mm	4611/112-117		4.767					4.767			
35	RTO Office to Mayor House	4603/85-94		49.403					16.805			
36	Sai Vrundavan Colony-04-200mm RCC	4605/103-117		1.044					7.666			
37	Saujanya Nagar (New Balaji Nagar)	4615/29-41										
38	Sewer at Vits Hotel, Shahu Nagar, Kokanwad Chowk and Railway Bridge Near Jain International School	4603/95-103										220.500
39	Shivaji Nagar-03	4605/155-177		147.164					17.924			
40	Shivshankar Colony-04	4615/49-69		78.032					9.104			
41	Sillekhana-03-200mm DWC	4606/150-172							4.024			
42	Sillekhana-04	4606/17-193		6.173					4.116			
43	Sindhi colony-2(Balaji Nagar) SW Pipe	4615/70-86		4.527								
44	ST Colony Thakarenagar	4613/93-125		93.002					16.540			
45	Trisharan Nagar Buddha Vihar	4615/87-103		4.223					1.353			





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 Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewerage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.08 and CIDCO (Airport). Providing, lowering, laying jointline and testing rising main

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								
			Item No.2		Item No.3		Item No.4	Item No.5	Item No.10		
			4.5-6.0 2015-16	0.0-1.5 2015-16	0.0-1.5 2014-15 2015-16		1.5-3.0 2014-15 2015-16	0.0-1.5 2015-16	0.0-1.5 2015-16	2015-16	
46	Uttam Nagar	4615/23-28									
47	Vishranti Nagar	4613/72-92									
C)	Road Restoration Work										
1	Road work (BM)at Ulkanagan(Near Ridhi Sidhi Hall)	4616/126-128									
2	Road work at Cigma Hospital	4616/85-86									
3	Road Work at Pushpak Garden Chikhalthana	4616/45-47									
4	Road Work Avon Hotel Mukundwadi	4616/70-72									
5	Road Work Bhaji Mandi at Mukundwadi	4616/48-50									
6	Road Work at Bambu Galli to Raja Bazar Road	4616/73-76									
7	Road Restoration at Champa Chowk to Life Care Surgical Shop	4616/185-186									
8	Road Restoration at Sut Girani Chowk to Darga Chowk Signal	4616/01-09									
9	Road Restoration at Baijipura Chowk to Jincy Police Station	4616/157-159									
10	Road Restoration at Bhanudas Nagar	4616/116-117									
11	Road Restoration at Eknath Nagar	4616/120-121 and 139-140									
12	Road Restoration at Jijau Chowk to Main Road (Mayur Park)	4616/104-105									
13	Road Restoration at Jincy Police Station Road	4616/15-19									
14	Road Restoration at Mahalaksmi Chowk Thakare Nagar (N-2)	4616/98-99									
15	Road Restoration at Nathvaly School Road (Rajveer Milk Store Street Road)	4616/177-178									
16	Road Restoration at Nathvaly School Road	4616/179-180									
17	Road Restoration at Near Ridhi Sidhi Hall	4616/83-84									
18	Road Restoration at Roshan Gate to Madni Chowk	4616/129-131									
19	Road Restoration at S.T Colony to Baba Payetnagari	4616/100-103									
20	Road Restoration at Sangharsh Nagar Chikhalthana (Prakash Nagar to Pilot Nagari Road)	4616/77-78									
21	Road Restoration at Sangharsh Nagar	4616/175-176									





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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								
			Item No.2		Item No.3		Item No.4	Item No.5	Item No.10		
			4.5-6.0	0.0-1.5	0.0-1.5		1.5-3.0	0.0-1.5	0.0-1.5	2015-16	
			2015-16	2015-16	2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	
22	Road Restoration at Sidharth Chowk to Mata Mandir Road	4616/54-60									
23	Road Restoration at Silk Mill Colony	4616/132-133									
24	Road Restoration at Ulkanagari (Indian Oil Petrol pump side)	4616/81-82									
25	Road Restoration at Ulkanagari (Near Khivansara Park)	4616/87-88									
26	Road Restoration Work at Azad Chowk to TV Centre Road(Royal Door House Shop)	4616/51-53									
27	Road Restoration Work at Neharu Bhavan to Buddhiline	4616/109-110									
28	Road Work (BM) at Champa Chowk to Collector office Road	4616/95-97									
29	Road work at Azad Chowk To Central Naka Road	4616/67-69									
30	Road work at Back Side OF RTO Office Near Sheetal Daily Needs Shop	4616/33-35									
31	Road work at Bansil Nagar(Fire Brigade to Behind Datta Mandir)	4616/164-172									
32	Road work at Champa Chowk to Quisar colony(Abdul Hamid Complex)	4616/30-32									
33	Road Work at Hotel Sagar to Aurangpura Bhaji Mandi	4616/151-153									
34	Road Work at Jincy Chowk to Nawabpura Chowk	4616/27-29									
35	Road Work at Arif Colony	4616/118-119									
36	Road Work at Bajarang Chowk to Azad Chowk	4616/61-66									
37	Road Work at Bharatmata Nagar	4616/91-92									
38	Road Work at Fule Nagar(Usmanpura)	4616/106-108									
39	Road Work at Itkheda	4616/160-163									
40	Road Work at Juna Bajar Sagar Hotel to Town Hall	4616/141-150									
41	Road Work at Milind Nagar	4616/154-156									
42	Road Work at Sai Vrundavan Colony	4616/111-113									
43	Road Work at Sathe Chowk to MIDC Road	4616/173-174									
44	Road Work at Town Hall behind royal Zerox	4616/93-94									
45	Road Work at VIP Function Hall to Madani Chowk	4616/20-26									





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.

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

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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								
			Item No.2		Item No.3				Item No.4	Item No.5	Item No.10
			4.5-6.0	0.0-1.5	0.0-1.5		1.5-3.0		0.0-1.5	0.0-1.5	2015-16
			2015-16	2015-16	2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	
46	Road Work at Vishranti Nagar(Jay Bhavani Nagar)	4616/79-80									
47	Road Work(BM) at Zafer Gate to Hari Masjid	4616/43-44									
48	Road Work(BM) at Hotel Tandur to RTO office back Side	4616/36-42									
49	Road Work at Champa Chowk to Roshan Gate	4616/181-182									
50	Road Restoration at Banewadi	4616/114-115									
51	Road Restoration at Shambhu Nagar	4616/10-14									
52	Road Work at Champa Chowk to Nishan	4616/183-184									
53	Road Work at Sanjay Nagar (Smashan Bhumi to Bajjipura Road)	4616/122-125									
54	Road Work at Sahas Society (Yug Dharma Appartment to Rajashri Shahu Bank)	4616/134-138									
	These quantities transfer to Clause 38 of respective Items and year	291.24									
	TOTAL For This Bill	291.240	10,584.605	-	4,213.409	-	-	3,776.271	1,111.835	41,152.170	
	Previous Quantity for BOQ	0.000	19750.994	5570.170	6978.221	6.440	14.380	6101.657	685,086	116995.605	
	Upto Date Quantity for BOQ	291.240	30335.599	5570.170	11191.630	6.440	14.380	9877.928	1796.921	158147.775	



Authorized Signatory,



Project Engineer

PMC



Sr. Project Manager

CLIENT

Executive 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 (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								Item No. 16 1400mm 2014-15
			Item No.15 Supply Taken From Supply MB No. / Page No.-								
			400mm		500mm		600mm	1000mm	1800mm		
2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	2014-15	2015-16	2014-15			
A) For RCC Sewer											
1	At Salim Ali STP Gate	4593/197-199									
2	AURANGPURA (Bhaji Mandi)	4589/179-199									
3	Azad Chowk to Central Naka	4589/154-178									
4	Azad Chowk to siddarth Chowk	4611/19-64									
5	Sewer 'B'	4598/133-186									
6	BRANCH SEWER AT "BHARATMATA NAGAR"	4580/164-196									
7	Branch Sewer A-at Bhusingpura	4587/60-79									
8	Branch Sewer of "C" at Roshan Gate to VIP Function Hall	4611/118-157									
9	Sewer "C"	4578/130-199 & 4611/3-18									
10	D-BRANCH NEAR HARRI MASJID	4590/101-136									
11	Ghrushneswar Nagar (M Branch Sewer)	4580/197-199 & 4583/57-66									
12	GIRJA MATA TEMPLE TO NYAYA NAGAR	4605/137-154									
13	In Front Nupur Cinema	4556/192-198									
14	Branch Sewer - Jyoti Nagar	4614/42-55									
15	Sewer K	4609/154-199 & 4582/151-199									
16	Branch Of Sewer K at Cigma Hospital	4605/55-66									
17	Sewer L	4552/186-199 & 4613/1-42									
18	Branch Sewer at PADEGAON NEAR PUMP HOUSE	4587/145-157									
19	Padegaon to Anssar Colony	4587/80-109									
20	Pruthvinagar branch at Padegaon	4587/110-131									
21	Branch Sewer-D- "Rohidasपुरa "	4590/173-199 & 4612/1-21									
22	Branch Sewer E at "RTO Office Back Side to Railway Station"	4603/50-84									
23	Branch Of Sewer D- SANJAY NAGAR-04"	4590/137/172									
24	Sewer "D"	4556/172-191									
25	Branch of Sewer D at Bambu Market Near Ajinta Bank	4606/109-149									
26	Main Sewer "F"	4548/174-199 & 4614/01-41									
27	Branch Of Sewer M - Chikhalthana	4580/30-35									
28	Shidharth nagar	4611/72-111									
29	Branch Sewer at Silk Mill Colony	4605/118-136									
30	Ward No 98	4561/121-152									
B) For DWC Sewer											
1	Ambedkar Nagar Galli-03	4577/188-199									
2	Ambedkar Nagar Near Pisadevi Road	4580/123-132									
3	Ambedkar Nagar Part- A,B,C,D,E and F	4580/133-163									





AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								Item No.16 1400mm			
			Item No.15 Supply Taken From Supply MB No. / Page No.-											
			400mm		500mm		600mm		1000mm			1800mm		
2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15				
4	Ambedkar Nagar(Panchashil Chowk)-300 dvc	4580/77-87												
5	Ambedkar Nagar-2(Galli no-13-250mm)	4580/117-122												
6	Ambedkarnagar Galli no-13-250mm	4580/88-116												
7	Anand Apartment	4606/194-199 & 4590/67-92												
8	Balaji Nagar Nathnagar-02	4614/73-100												
9	Balaji Nagar Nathnagar-03	4614/156-165												
10	Balaji Nagar-6(Hanuman Galli)	4615/42-48												
11	Balaji Nagar-07	4615/125-136												
12	Balaji Nagar-08 Near Vijay Computers	4614/56-72												
13	Bansilal Nagar	4603/09-49												
14	Botnical Garden (Azad Chowk)	4611/65-71												
15	Boudha Nagar-03	4615/104-108												
16	Chikatthan-2	4580/36-54												
17	Dashmesh Nagar	4614/137-155												
18	Eknath Nagar (Onkareshwar Temple)	4614/179-199 & 4615/01-22												
19	Itkheda	4605/67-82												
20	Itkheda (Near Mahanubhav Ashram)- 200mm RCC	4605/96-102												
21	Itkheda- 200mm RCC	4605/83-95												
22	Kailash Nagar-02-200mm DWC	4590/93-100												
23	Kanchanwadi Dakshin Vihar	4561/153-180												
24	L Sewer DWC connection	4613/43-71												
25	Mahu Nagar	4615/109-124												
26	Masnatpur-05	4580/55-76												
27	Mayur Park	4580/19-29												
28	MIDC Office Road	4615/142-147												
29	Milind Nagar-01	4614/101-120												
30	Milind Nagar-02	4614/121-136												
31	Milind Nagar-03	4614/166-178												
32	Nandanvan Colony	4587/132-144												
33	Pratap Nagar	4615/137-141												
34	Raigad Nagar 400mm	4611/112-117												
35	RTO Office to Mayor House	4603/85-94												
36	Sai Vrundavan Colony-04-200mm RCC	4605/103-117												
37	Saujanya Nagar (New Balaji Nagar)	4615/29-41												
38	Sewer at Vits Hotel, Shahu Nagar, Kankanwadi Chowk and Railway Bridge Near Jain International School	4603/95-103												
39	Shivaji Nagar-03	4605/155-177												
40	Shivshankar Colony-04	4615/49-69												
41	Silekhana-03-200mm DWC	4606/150-172												
42	Silekhana-04	4606/17-193												
43	Sindhi colony-2(Balaji Nagar) SW Pipe	4615/70-86												
44	ST Colony Thakarenagar	4613/93-125												
45	Trisharan Nagar Buddha Vihar	4615/87-103												





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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								Item No.16 1400mm 2014-15		
			Item No.15 Supply Taken From Supply MB No. / Page No.-										
			400mm		500mm		600mm	1000mm	1800mm				
2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15			
46	Uttam Nagar	4615/23-28											
47	Vishranti Nagar	4613/72-92											
C)	Road Restoration Work												
1	Road work (BM)at Ulkanagari(Near Ridhi Sidhi Hall)	4616/126-128											
2	Road work at Cigma Hospital.	4616/85-86											
3	Road Work at Pushpak Garden Chikhalthana	4616/45-47											
4	Road Work Avon Hotel Mukundwadi	4616/70-72											
5	Road Work Bhaji Mandi at Mukundwadi	4616/48-50											
6	Road Work at Bambu Galli to Raja Bazar Road	4616/73-76											
7	Road Restoration at Champa Chowk to Life Care Surgical Shop.	4616/185-186											
8	Road Restoration at Sut Girani Chowk to Darga Chowk Signal	4616/01-09											
9	Road Restoration at Baijipura Chowk to Jincy Police Station	4616/157-159											
10	Road Restoration at Bhanudas Nagar	4616/116-117											
11	Road Restoration at Eknath Nagar	4616/120-121 and 139-140											
12	Road Restoration at Jijau Chowk to Main Road (Mayur Park)	4616/104-105											
13	Road Restoration at Jincy Police Station Road	4616/15-19											
14	Road Restoration at Mahalaksmi Chowk Thakare Nagar (N-2)	4616/98-99											
15	Road Restoration at Nathvally School Road (Rajveer Milk Store Street Road)	4616/177-178											
16	Road Restoration at Nathvally School Road	4616/179-180											
17	Road Restoration at Near Ridhi Sidhi Hall.	4616/83-84											
18	Road Restoration at Roshan Gate to Madni Chowk	4616/129-131											
19	Road Restoration at S.T.Colony to Baba Paylenagari.	4616/100-103											
20	Road Restoration at Sangharsh Nagar Chikhalthana (Prakash Nagar to Pilot Nagari Road)	4616/77-78											
21	Road Restoration at Sangharsh Nagar.	4616/175-176											





AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone I to VI and Zone Sahin Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CHCO (Airport), Construction, Erection, Testing and Commission

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38																	
			Item No.15 Supply Taken From Supply MB No. / Page No.-										Item No.16							
			400mm		500mm		600mm	1000mm	1800mm		1400mm									
			2014-15	2015-16	2014-15	2015-16	2015-16	2015-16	2014-15	2015-16	2014-15									
22	Road Restoration at Sidhharth Chowk to Mata Mandir Road	4616/54-60																		
23	Road Restoration at Silk Mill Colony	4616/132-133																		
24	Road Restoration at Ulkanagari (Indian Oil Petrol pump side)	4616/81-82																		
25	Road Restoration at Ulkanagari (Near Khivansara Park)	4616/87-88																		
26	Road Restoration Work at Azad Chowk to TV Centre Road(Royal Door House Shop)	4616/51-53																		
27	Road Restoration Work at Neharu Bhavan to Buddhiline	4616/109-110																		
28	Road Work (BM) at Champa Chowk to Collector office Road.	4616/95-97																		
29	Road work at Azad Chowk To Central Naka Road.	4616/67-69																		
30	Road work at Back Side OF RTO Office Near Sheetal Daily Needs Shop	4616/33-35																		
31	Road work at Bansilal Nagar(Fire Brngade to Behind Datta Mandir)	4616/164-172																		
32	Road work at Champa Chowk to Quisar colony(Abdul Hamid Complex)	4616/30-32																		
33	Road Work at Hotel Sagar to Aurangpura Bhaji Mandi.	4616/151-153																		
34	Road Work at Jincy Chowk to Nawabpura Chowk.	4616/27-29																		
35	Road Work at Anif Colony	4616/118-119																		
36	Road Work at Bajarang Chowk to Azad Chowk.	4616/61-66																		
37	Road Work at Bharatmata Nagar	4616/91-92																		
38	Road Work at Fule Nagar(Usmanpura)	4616/106-108																		
39	Road Work at Itkheda	4616/160-163																		
40	Road Work at Juna Bajar Sagar Hotel to Town Hall.	4616/141-150																		
41	Road Work at Milind Nagar	4616/154-156																		
42	Road Work at Sai Vrundavan Colony	4616/111-113																		
43	Road Work at Sathe Chowk to MIDC Road	4616/173-174																		
44	Road Work at Town Hall behind royal Zerox	4616/93-94																		
45	Road Work at VIP Function Hall to Madani Chowk.	4616/20-26																		





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.

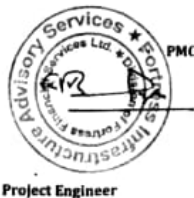
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Name of Agency:- M/s Khilari Infrastructure Pvt.Ltd. & GECPL (Joint Venture)

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38								Item No.16 1400mm 2014-15		
			Item No.15 Supply Taken From Supply MB No. / Page No.-										
			400mm		500mm		600mm		1000mm			1800mm	
			2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16		2014-15	2015-16
46	Road Work at Vishranti Nagar(Jay Bhavani Nagar)	4616/79-80											
47	Road Work(BM) at Zafer Gate to Han Masjid	4616/43-44											
48	Road Work(BM) at Hotel Tandur to RTO office back Side	4616/36-42											
49	Road Work at Champa Chowk to Roshan Gate	4616/181-182											
50	Road Restoration at Banewadi	4616/114-115											
51	Road Restoration at Shambhu Nagar	4616/10-14											
52	Road Work at Champa Chowk to Nishan	4616/183-184											
53	Road Work at Sanjay Nagar (Smashan Bhumi to Bajipura Road)	4616/122-125											
54	Road Work at Sahas Society (Yug Dharma Apartment to Rajashri Shahu Bank)	4616/134-138											
	These quantities transfer to Clause 38 of respective Items and year												
	TOTAL For This Bill			7,000.000		1,500.000		1,255.030		773.350			75.000
	Previous Quantity for BOQ		4575.150	11930.000	6998.550	2570.000	0.000	0.000	2975.050	1725.000			74.550
	Upto Date Quantity for BOQ		4575.150	18930.000	6998.550	4070.000	1255.030	773.350	2975.050	1800.000			74.550



CLIENT

Executive 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 (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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38																
			Item No.17		Item No.22.1		Item No.23.1		Item No.24.1										
			1800mm		Rebate		Rebate		Rebate										
			2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16									
A)	For RCC Sewer																		
1	At Salim Ali STP Gate	4593/197-199																	
2	AURANGPURA (Bhaji Mandi)	4589/179-199																	
3	Azad Chowk to Central Naka	4589/154-178																	
4	Azad Chowk to siddarth Chowk	4611/19-64																	
5	Sewer 'B'	4598/133-186		42 500		29 950													(4 900)
6	BRANCH SEWER AT "BHARATMATA NAGAR"	4580/164-196																	(134 380)
7	Branch Sewer A-at Bhusingpura	4587/60-79																	
8	Branch Sewer of "C" at Roshan Gate to VIP Function Hall	4611/118-157																	(35 400)
9	Sewer "C"	4578/130-199 & 4611/3-18					6 900												(6 690)
10	D-BRANCH NEAR HARRI MASJID	4590/101-136																	(13 000)
11	Ghrushneswar Nagar (M Branch Sewer)	4580/197-199 & 4583/57-66																	(43 970)
12	GIRJA MATA TEMPLE TO NYAYA NAGAR	4605/137-154																	
13	In Front Nupur Cinema	4556/192-198																	(19 900)
14	Branch Sewer - Jyoti Nagar	4614/42-55																	(56 044)
15	Sewer K	4609/154-199 & 4582/151-199					9 000												(135 280)
16	Branch Of Sewer K at Cigma Hospital	4605/55-66																	(6 020)
17	Sewer L	4552/186-199 & 4613/1-42																	(113 356)
18	Branch Sewer at PADEGAON NEAR PUMP HOUSE	4587/145-157																	
19	Padegaon to Anssar Colony	4587/80-109																	
20	Pruthvinagar branch at Padegaon	4587/110-131																	(74 586)
21	Branch Sewer-D- "Rohidaspora"	4590/173-199 & 4612/1-21																	
22	Branch Sewer E at "RTO Office Back Side to Railway Station"	4603/50-84																	(14 160)
23	Branch Of Sewer D- SANJAY NAGAR-04"	4590/137/172																	
24	Sewer "D"	4556/172-191					3 900												(16 650)
25	Branch of Sewer D at Bambu Market Near Ajnta Bank	4606/109-149																	
26	Main Sewer "F"	4548/174-199 & 4614/01-41																	(49 220)
27	Branch Of Sewer M - Chikhalthana	4580/30-35																	
28	Shidharth nagar	4611/72-111																	
29	Branch Sewer at Silk Mill Colony	4605/118-136																	
30	Ward No 98	4561/121-152																	(3 200)
B)	For DWC Sewer																		
1	Ambedkar Nagar Galli-03	4577/188-199																	
2	Ambedkar Nagar Near Pisadevi Road	4580/123-132																	
3	Ambedkar Nagar Part-A,B,C,D,E and F	4580/133-163																	





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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38										
			Item No.17		Item No.22.1		Item No.23.1		Item No.24.1				
			1800mm		Rebate		Rebate		Rebate				
			2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16			
4	Ambedkar Nagar(Panchashil Chowk)-300 dwc	4580/77-87											
5	Ambedkar Nagar-2(Galli no-13-250mm)	4580/117-122											
6	Ambedkarnagar Galli no-13-250mm	4580/88-116											
7	Anand Apartment	4606/194-199 & 4590/67-92											
8	Balaji Nagar Nathnagar-02	4614/73-100											
9	Balaji Nagar Nathnagar-03	4614/156-165											
10	Balaji Nagar-6(Hanuman Galli)	4615/42-48											
11	Balaji Nagar-07	4615/125-136											
12	Balaji Nagar-08 Near Vijay Computers	4614/56-72											
13	Bansilal Nagar	4603/09-49											
14	Botnical Garden (Azad Chowk)	4611/65-71											
15	Boudha Nagar-03	4615/104-108											
16	Chikalhan-2	4580/36-54											
17	Dashmesh Nagar	4614/137-155											
18	Eknath Nagar (Onkareshwar Temple)	4614/179-199 & 4615/01-22											
19	Itkheda	4605/67-82											
20	Itkheda (Near Mahanubhav Ashram)- 200mm RCC	4605/96-102											
21	Itkheda- 200mm RCC	4605/83-95											
22	Kailash Nagar-02-200mm DWC	4590/93-100											
23	Kanchanwadi Dakshin Vihar	4561/153-180											
24	L Sewer DWC connection	4613/43-71											
25	Mahu Nagar	4615/109-124											
26	Masnatpur-05	4580/55-76											
27	Mayur Park	4580/19-29											
28	MIDC Office Road	4615/142-147											
29	Milind Nagar-01	4614/101-120											
30	Milind Nagar-02	4614/121-136											
31	Milind Nagar-03	4614/166-178											
32	Nandanvan Colony	4587/132-144											
33	Pratap Nagar	4615/137-141											
34	Raigad Nagar 400mm	4611/112-117											
35	RTO Office to Mayor House	4603/85-94											
36	Sai Vrundavan Colony-04-200mm RCC	4605/103-117											
37	Saujanya Nagar (New Balaji Nagar)	4615/29-41											
38	Sewer at Vits Hotel, Shahu Nagar, Kokanwadi Chowk and Railway Bridge Near Jain International School	4603/95-103											
39	Shivaji Nagar-03	4605/155-177											
40	Shivshankar Colony-04	4615/49-69											
41	Sillekhana-03-200mm DWC	4606/150-172											
42	Sillekhana-04	4606/17-193											
43	Sindhi colony-2(Balaji Nagar) SW Pipe	4615/70-86											
44	ST Colony Thakarenagar	4613/93-125											
45	Trisharan Nagar Buddha Vihar	4615/87-103											





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

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38																	
			Item No.17		Item No.22.1		Item No.23.1		Item No.24.1											
			1800mm		Rebate		Rebate		Rebate											
			2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16										
46	Uttam Nagar	4615/23-28																		
47	Vishranti Nagar	4613/72-92																		
C)	Road Restoration Work																			
1	Road work (BM)at Ulkanagan(Near Ridhi Sidhi Hall)	4616/126-128																		
2	Road work at Cigma Hospital.	4616/85-86																		
3	Road Work at Pushpak Garden Chikhalthana	4616/45-47																		
4	Road Work Avog Hotel Mukundwadi	4616/70-72																		
5	Road Work Bhaji Mandi at Mukundwadi	4616/48-50																		
6	Road Work at Bambu Galli to Raja Bazar Road	4616/73-76																		
7	Road Restoration at Champa Chowk to Life Care Surgical Shop	4616/185-186																		
8	Road Restoration at Sut Girani Chowk to Darga Chowk Signal	4616/01-09																		
9	Road Restoration at Baijipura Chowk to Jincy Police Station	4616/157-159																		
10	Road Restoration at Bhanudas Nagar	4616/116-117																		
11	Road Restoration at Eknath Nagar	4616/120-121 and 139-140																		
12	Road Restoration at Jijau Chowk to Main Road (Mayur Park)	4616/104-105																		
13	Road Restoration at Jincy Police Station Road	4616/15-19																		
14	Road Restoration at Mahalaksmi Chowk Thakare Nagar (N-2)	4616/98-99																		
15	Road Restoration at Nathvally School Road (Rajveer Milk Store Street Road)	4616/177-178																		
16	Road Restoration at Nathvally School Road	4616/179-180																		
17	Road Restoration at Near Ridhi Sidhi Hall	4616/83-84																		
18	Road Restoration at Roshan Gate to Madni Chowk	4616/129-131																		
19	Road Restoration at S.T.Colony to Baba Payletnagari	4616/100-103																		
20	Road Restoration at Sangharsh Nagar Chikhalthana (Prakash Nagar to Pilot Nagari Road)	4616/77-78																		
21	Road Restoration at Sangharsh Nagar	4616/175-176																		





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 Sewerage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38											
			Item No.17		Item No.22.1		Item No.23.1		Item No.24.1					
			1800mm		Rebate		Rebate		Rebate					
			2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16				
22	Road Restoration at Sidharth Chowk to Mata Mandir Road	4616/54-60												
23	Road Restoration at Silk Mill Colony	4616/132-133												
24	Road Restoration at Ulkanagari (Indian Oil Petrol pump side)	4616/81-82												
25	Road Restoration at Ulkanagari (Near Khivansara Park)	4616/87-88												
26	Road Restoration Work at Azad Chowk to TV Centre Road(Royal Door House Shop)	4616/51-53												
27	Road Restoration Work at Neharu Bhavan to Buddhiline	4616/109-110												
28	Road Work (BM) at Champa Chowk to Collector office Road	4616/95-97												
29	Road work at Azad Chowk To Central Naka Road	4616/67-69												
30	Road work at Back Side OF RTO Office Near Sheetal Daily Needs Shop	4616/33-35												
31	Road work at Bansilal Nagar(Fire Bngade to Behind Datta Mandir)	4616/164-172												
32	Road work at Champa Chowk to Quisar colony(Abdul Hamid Complex)	4616/30-32												
33	Road Work at Hotel Sagar to Aurangpura Bhaji Mandi	4616/151-153												
34	Road Work at Jincy Chowk to Nawabpura Chowk	4616/27-29												
35	Road Work at Arif Colony	4616/118-119												
36	Road Work at Bajarang Chowk to Azad Chowk	4616/61-66												
37	Road Work at Bharatmata Nagar	4616/91-92												
38	Road Work at Fule Nagar(Usmanpura)	4616/106-108												
39	Road Work at Itkheda	4616/160-163												
40	Road Work at Juna Bajar Sagar Hotel to Town Hall	4616/141-150												
41	Road Work at Milind Nagar	4616/154-156												
42	Road Work at Sai Vrundavan Colony	4616/111-113												
43	Road Work at Sathe Chowk to MIDC Road	4616/173-174												
44	Road Work at Town Hall behind royal Zerox	4616/93-94												
45	Road Work at VIP Function Hall to Madani Chowk	4616/20-26												





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.

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Node Quantity Abstract for RA 12

SR NO	NODE NO	MB/PG	Clause 38																
			Item No.17		Item No.22.1		Item No.23.1		Item No.24.1										
			1800mm		Rebate		Rebate		Rebate										
			2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16									
46	Road Work at Vishranti Nagar(Jay Bhavani Nagar)	4616/79-80																	
47	Road Work(BM) at Zafer Gate to Hari Masjid	4616/43-44																	
48	Road Work(BM) at Hotel Tandur to RTO office back Side	4616/36-42																	
49	Road Work at Champa Chowk to Roshan Gate	4616/181-182																	
50	Road Restoration at Banewadi	4616/114-115																	
51	Road Restoration at Shambhu Nagar	4616/10-14																	
52	Road Work at Champa Chowk to Nishag	4616/183-184																	
53	Road Work at Sanjay Nagar (Smashan Bhumi to Bajipura Road)	4616/122-125																	
54	Road Work at Sahas Society (Yug Dharma Appartment to Rajashri Shahu Bank)	4616/134-138																	
	These quantities transfer to Clause 38 of respective Items and year																		
	TOTAL For This Bill			42.500		49.750		(1,003.610)											(17.900)
	Previous Quantity for BOQ		26.200	2595.000	35.355	63.840	-625.231	-1330.406	-21.465	-348.380									
	Upto Date Quantity for BOQ		26.200	2637.500	35.355	113.990	-625.231	-2334.018	-21.465	-366.280									


 Authorized Signatory


 Project Engineer


 Sr. Project Manager

CLIENT

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

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Abstract for 12th RA Bill

BOQ	Work done QTY as per Measurement.			Description of Item	MB page No.	Unit		Rate		Payment on the basis of actual measurements		(Amount) Since Previous
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill			
3450.00	20.269	16.089	4.180	ITEM NO. 8:- Dismantling RCC Concrete work including brick/concrete by chiselling, welding etc.including cutting the reinforcement, stacking the serviceable material and the debris separately upto a distance of 50 m or spreading the debris as directed ect.complete.		CuM	393.23		7970	6327	1643	
121169.20	13796.300	11131.700	2664.600	ITEM NO. 9:- Open timbering in trenches of depth more than 1.5 m for shoring and strutting use of and waste of all necessary timber works including walling, struts, open polling boards / horizontal sheathing, runners, etc. as may be necessary and fixing and removal complete.(Non water logged)		ScM	212.10		2926195	2361034	565161	
192894.85	11169.794	8878.694	2291.100		Lift 0.0 m to 1.5 m depth	ScM	238.35		2662370	2116237	546083	
40816.32	2641.473	2641.473	0.000		Lift 1.5 m to 3.0 m depth	ScM	264.60		698934	698934	0	
11944.27	1125.000	1125.000	0.000		Lift 3.0 m to 4.5 m depth	ScM	290.85		327206	327206	0	
3835.74	0.000	0.000	0.000		Lift 4.5 m to 6.0 m depth	ScM	312.85		0	0	0	
				ITEM NO. 10 :- Dewatering the excavated trenches and pools of water in the building trenches / pipeline trenches, well works by using pumps and other devices including disposing off water to safe distance as directed by engineer -in-charge (including cost of machinery, labour, fuel etc complete		Bhp/ltr	63.00		10013981	10013981	0	
105968.05	158952.075	158952.075	0.000	Item No. 11 Disposal of excavated material including loading the excavated material in trucks / tractors and unloading the same at a distance of 10 KMS as directed by engineer-in-charge.		CuM	336.76		46404358	27856280	18548078	
131570.86	137796.525	82718.494	55078.031	Item No. 12 Providing and supplying ISI standard DWG pipes for non pressure IGD with smooth internal and corrugated external surface with and rodent property conforming to ISO 211383:2007 with necessary jointing material like mechanical connector (a-thread/insert joint /quick release coupler/ compression fitting joint / flanged joint including all local and central taxes, transportation and freight charges,inspection charges,loading and unloading charges,conveyance to the departmental stores/site and stacking the same in closed shade duly protecting from sunrays and rains etc complete.		Rmt	379.60	265.72	0.00	0.00	0	
70278.33	0.000	0.000	0.000	DWC Pipes		Rmt	56.94	56.94	0.00	0.00	0	
	0.000	0.000	0.000	a)175mm Supply 70%		Rmt	457.60	320.32	0.00	6002041	163331	
27491.52	19247.540	18737.640	509.900	Laid 15%		Rmt	69.64	69.64	1271044	1236044	35000	
	18517.540	18007.640	509.900	b)200mm Supply 70%		Rmt						
				Laid 15%		Rmt						

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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 CIDCO for Aurangabad City.

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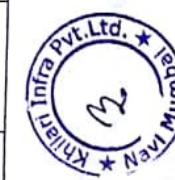
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Abstract For 12th RA Bill

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BOQ	Work done QTY as per Measurement.			Description of Item	Unit	Rate		Payment on the basis of actual measurements (Amount)		
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
29245.49	15958.520	13727.170	0.000	Commissioning 15%	Rmt	68.64	0	0	0	0
	14908.520	12677.170	2231.350	g) 250mm Supply 70%	Rmt	873.60	9758954	8394439	1364515	1364515
			2231.350	Laid 15%	Rmt	131.04	1953612	1661216	0	292396
28531.84	15172.350	11181.270	3991.080	Commissioning 15%	Rmt	1098.24	0	0	0	0
	14672.350	10681.270	3991.080	d) 315mm Supply 70%	Rmt	768.77	11664048	8592625	3068223	3068223
				Laid 15%	Rmt	164.74	2417123	1759632	0	657491
				Commissioning 15%	Rmt	0.00	0.00	0.00	0	0
70278.33	0.000	0.000		Item No. 13 Lowering laying and jointing HDPE / MDPE pipes in proper position including all specials by Compression fitting/ Electro fusion and but fusion jointing procedure including hydraulic testing as per relevant IS code complete with all material for jointing procedures like Electro fusion machine with hydraulic jack, top loading clamp etc. pump and accessories for hydraulic testing and all labours as directed by engineer in charge as per IS 7634 part II.						
27493.52	19517.540	18007.640	509.900	a) 175mm Laid 90%	Rmt	39.60	0.00	0.00	0	0
			0.000	Commissioning 10%	Rmt	3.96	0.00	0.00	0	0
29245.49	14908.520	12677.170	2231.350	b) 200mm Laid 90%	Rmt	40.95	682464	663672	18792	18792
			0.000	Commissioning 10%	Rmt	4.10	0	0	0	0
28531.84	14672.350	10681.270	3991.080	c) 250mm Laid 90%	Rmt	51.45	690339	587016	103233	103233
				Commissioning 10%	Rmt	5.15	0	0	0	0
				d) 300mm Laid 90%	Rmt	61.00	831922	605628	226242	226242
				Commissioning 10%	Rmt	6.30	0.00	0.00	0	0
5789.90	8684.850	8684.850	0.000	Item No. 15 Providing ISI standard R.C.C. NP3 pipes in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints, including all taxes (Central and local), inspection charges, transport to departmental stores/site, unloading and stacking etc. complete as per IS 458/1988 (One rubber ring should be supplied with each full length of socketed pipe)						
	8684.850	8684.850	0.000	Class NP - III						
			0.000	a) 400mm Supply 70%	Rmt	1826.24	11102434	11102434	0	0
			0.000	Laid 15%	Rmt	273.94	2377093	2377093	0	0
1975.70	560.000	560.000	0.000	b) 450mm Supply 70%	Rmt	2171.52	851236	851236	0	0
	556.150	556.250	0.000	Laid 15%	Rmt	325.73	181186	181186	0	0
1954.30	2931.450	2931.450	0.000	Commissioning 15%	Rmt	325.73	0	0	0	0
	2931.450	2931.450	0.000	Laid 15%	Rmt	361.76	4948968	4948968	0	0
8649.98	12974.970	12730.000	244.970	c) 600mm Supply 70%	Rmt	2411.76	1060493	1060493	0	0
	12974.970	10697.250	2277.720	Laid 15%	Rmt	3178.24	28866298	283121297	545001	545001
			0.000	Commissioning 15%	Rmt	476.74	6185635	5099764	1085371	1085371

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AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

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

Book No. :-

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BOQ	Work done QTY as per Measurement.			Description of Item	Unit	Rate		Payment on the basis of actual measurements		Since Previous
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill	
8022.30	4817.500	4390.000	427.500	Ø700mm Supply 70%	Rmt	4319.12	3023.38	1455651.52	13272656	1292490
	4455.800	3883.300	572.500	Laid 15%	Rmt	647.87	647.87	2886770	2515866	370904
4013.90	4092.500	3505.000	587.500	Commissioning 15%	Rmt	5145.92	3602.14	14741774	12625515	2116259
	3732.750	3198.500	534.250	Laid 15%	Rmt	771.89	771.89	2881265	2460884	412381
8295.40	8740.000	8427.500	317.500	Ø200mm Supply 70%	Rmt	5943.60	4160.52	36362945	25041980	1320965
	8497.000	8107.500	189.500	Laid 15%	Rmt	891.54	891.54	7575415	7406469	168946
1676.10	2514.150	2506.000	14.150	Commissioning 15%	Rmt	7271.68	5090.18	12797466	12725440	72026
	2514.150	2275.000	239.150	Laid 15%	Rmt	1090.75	1090.75	2742314	24811461	260853
2121.50	0.000	0.000	0.000	Commissioning 15%	Rmt	8412.56	5888.79	0	0	0
	0.000	0.000	0.000	Laid 15%	Rmt	1261.88	1261.88	0	0	0
3090.20	2110.000	1700.000	410.000	Commissioning 15%	Rmt	9869.60	6908.72	14577399	11744824	2832575
	1495.000	1602.500	102.500	Laid 15%	Rmt	1480.44	1480.44	2820238	2372405	447833
4000.10	5155.000	4805.000	350.000	Commissioning 15%	Rmt	11860.16	8302.11	42797387	39891648	2905739
	4971.000	4705.000	266.000	Laid 15%	Rmt	1770.02	1770.02	8041528	8370108	473220
2002.80	995.000	977.500	17.500	Commissioning 15%	Rmt	17282.72	12097.90	12037414	11825701	211713
	995.000	977.500	17.500	Laid 15%	Rmt	2592.41	2592.41	2579446	2534079	45367
783.30	1174.950	1174.950	0.000	Commissioning 15%	Rmt	22860.24	16002.17	18801747	18801747	0
	1174.950	1174.950	0.000	Laid 15%	Rmt	3429.04	3429.04	4028946	4028946	0
1393.80	410.000	410.000	0.000	Class NP - IV	Rmt	5056.48	3539.54	1451210.00	1451210	0
	320.000	320.000	0.000	Ø700mm Supply 70%	Rmt	758.47	758.47	242711.00	242711	0
435.30	652.950	652.950	0.000	Commissioning 15%	Rmt	16292.64	11404.85	7446796	7446796	0
	652.950	652.950	0.000	Laid 15%	Rmt	2443.90	2443.90	1595742	1595742	0
				Commissioning 15%	Rmt	2443.90	2443.90	0	0	0

Abstract For 12th RA Bill

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ITEM No. 16:- Providing ISI standard R.C.C. NP4 pipes in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints, including all taxes (Central and local), inspection charges, transport to departmental stores/site, unloading and stacking etc. complete as per IS 458/1988 (One rubber ring should be supplied with each full length of socketed pipe)





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

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Abstract For 12th RA Bill

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BOQ	Work done QTY as per Measurement.			Description of Item	Unit	Rate		Payment on the basis of actual measurements		(Amount)
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill	
1650.59	56.000	21.000	35.000	Item No.: 19 Lowering laying and jointing in proper grade with SBR rubber gaskets DI KT pipes with MS specials of following diameter in proper position, grade and alignment as directed by Engineer-in-charge including conveyance of materials from stores to site of work, including cost of jointing materials and rubber rings labour, giving hydraulic testing etc. complete as directed by engineer-in-charge. Only SBR Rubber Ring gaskets 0.15 M dia for 1535302 and 15312840	Rmt	82.95		4645	1742	2903
543.00	6.000	6.000	0.000		Rmt	109.20		655	655	0
6945.58	879.000	646.000	233.000	Item No.: 21 Providing and constructing on sewer BBM manhole 1.2 m dia at bottom and 0.5 m dia at top and up to a depth of 2.0 M in CM 1:4 proportion excluding excavation including foundation concrete 250 mm thick and haunches and channels in C.C.1:2:4 proportion, finishing channel, in smooth rendering, providing CI dapurti type steps each weighing 5.5 kg, 1:2:4 coping and providing and fixing approved make and quality SFRC frame and cover of 56cm dia etc, complete as directed by engineer- in-charge.		21025.20	18922.68	16633036	12224051	4408985
	249.000	249.000	0.000			19605.20	17644.68	4393525	4393525	0
	6.000	6.000	0.000			17575.20	15817.68	94906	94906	0
4167.95	-650.353	-510.442	-139.911			2875.95	2875.95	-1870383	-1468006	-402377
245.10	289.000	251.000	38.000	Item No.: 22 Providing and constructing on sewer, R.C.C circular manhole 2.2 m dia and up to a depth of 5 M of Reinforced Cement Concrete (M:20) including excavation, concrete, steel reinforcement and haunches and channels in C.C.1:2:4 proportion, finishing channel, in smooth rendering, providing CI dapurti type steps each weighing 5.5 kg, and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc, complete as directed by engineer-in-charge. (As Per Rate Analysis)		144531.36	130078.224	37592607	32649634	4942973
122.55	183.825	183.825	0.000			14453.14		2656848	2656848	0
727.20	992.000	742.000	250.000	Item No.: 23 Providing and constructing on sewer BBM manhole 1.5 m dia at bottom and 0.5 m dia at top and up to a depth of 2 to 5.0 M in CM 1:4 proportion excluding excavation including foundation concrete 250 mm thick and haunches and channels in C.C.1:2:4 proportion, finishing channel, in smooth rendering, providing CI dapurti type steps each weighing 5.5 kg, 1:2:4 coping and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc, complete as directed by engineer- in-charge.		58791.60	52912.44	32489140	39261030	13228110
387.95	-581.025	-581.025	0.000			5913.60		-3435949	-3435949	0

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AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

Measurement Book

Name of work:- Development of Underground Sewerage Collection system for Zone 1 to VI and Zone Salim Ali, Constructing, Erecting, Testing and Commissioning of Sewage Treatment Plant based on modern technology at Nakshtrawadi (Kanchanwadi), Banewadi, Siddharth Garden, Zalta, Padegaon, CIDCO (Airport), Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalta, Ward No.98 and CIDCO (Airport), Providing, lowering, laying jointing and testing rising main GRP DI pipe line from Golwadi SPS to Nakshtrawadi (Kanchanwadi) STP and Ward No.98 to STP for Aurangabad City.

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Abstract For 12th RA Bill

BOQ	Work done QTY as per Measurement.			Description of Item	Unit	Rate		Payment on the basis of actual measurements		
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last Bill	Since Previous
142.50	132.000	129.000	3.000 (A) for 90% release	Item No. 124 Providing and constructing on sewer R.C.C circular manhole 2.5 m dia and up to a depth of 9 M of Reinforced Cement Concrete (M-20) including excavation, concrete, steel reinforcement and haunches and channels in C.C.1:2.4 proportion, finishing channel, in smooth rendering, providing CI dapuri type steps each weighing 5.5 kg. and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc., complete as directed by engineer-in-charge. (AS Per Rate Analysis)	Nos	302462.87	272216.583	35932589	35115939	816650
71.25	-106.875	-106.875	0.000	Item No. 24.1 Rebate for each 50cm	Nos	30246.29		-3232572	-3232572	0
338.50	25.000	22.000	3.000 (A) for 90% release	Item No. 25 Providing and constructing on sewer B.M manhole 2.0 m dia at bottom and 0.5 m dia at top and up to a depth of 5 to 9.0 M in CM 1:4 proportion excluding excavation including foundation concrete 250 mm thick and haunches and channels in C.C.1:2.4 proportion, finishing channel, in smooth rendering, providing CI dapuri type steps each weighing 5.5 kg., 1:2.4 coping and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc., complete as directed by engineer-in-charge.	Nos	126352.80	113717.52	2842938	2501785	341153
-169.25	-173.316	-154.516	-18.800	Item No. 25.1 Rebate for each 50cm	Nos	7468.65		-1294437	-1154026	-149411
				Item No. 27 Providing and laying in situ Cement Concrete of trap/granite/quartzite/gneiss metal for RCC work in foundation like raft/strip foundation and footing of RCC columns and steel stanchions including normal dewatering form work Jally steel props, compaction finishing and curing etc. complete by weight batching and mix design for M250 and M300 only. Use of L.A.T. ACC/Ambuja, Birla gold etc. cement is permitted.						
425.00	289.170	89.320	199.850	For RCC M25 and M30	CUM	5719.35		1653864	510852	1143012
60.70	26.605	20.318	6.287	Item No. 28 STEEL REINFORCEMENT Providing and fixing in position steel bar reinforcement of various diameters for RCC piles caps, footing foundations, slabs, beams, columns, canopies, staircases, newels, chajjas lintels, parties, copings, fins arches etc. as per detailed designs, drawings and schedules including cutting bending, hooking the bars, binding with wires or tack welding and supporting as required etc. complete. (Including cost of binding wire)	MT	61122.60		1626167	1241889	384278





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

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Abstract For 12th RA Bill

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BQ	Work done QTY as per Measurement.			Description of Item	MB page No.	Rate		Payment on the basis of actual measurements		(Amount) Since Previous
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill	
39709.00	70.000	70.000	0.000	Item No. : 29 House Service Connection Providing making underground drainage House Service Connection to consumer including all material & labour with considering four properties & one inspection chamber						0
	1099.030	1097.530	1.500	a) For 160mm DWC- HDPE pipe.		10811.00	10811.00	756770	756770	456
	1009.030	1007.530	1.500	b) For Supply For Lowering, Laying and Jointing		304.00		334105	333649	48
				Item No. : 30 Refilling in trenches Refilling the trenches with approved excavated stuff with soft materials first over pipeline & then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging etc. complete.		32.00		32289	32241	
627240.78	692588.840	603495.273	89093.567	Item No. : 31 Road restoration- supply/spreading compacting 80mm and 40mm metal. Providing and laying 75mm hot mix bitumin layer, 20mm bituminous primix carpet using 60/70 grade providing liquid seal coat as per detailed specifications etc complete.		62.92		43577690	37971923	5605767
323276.18	27470.378	3077.614	24392.764	a) WBM		184.19		5059769	606044	4453725
	12270.520	6216.750	6053.770	b) 5% amount less for Gradation		174.98		2147102	1162992	984110
	3273.195	2130.000	1143.195	c) 10% amount less for Gradation and Thickness		165.77		5426011	377496	165105
	23209.920	0.000	23209.920	b) BM		365.64		8486475	0	8486475
	880.555	0.000	880.555	c) 5% amount less For BM		347.36		3058668	0	3058668
	29301.465	0.000	29301.465	e) Carpet		136.84		4009612	0	4009612
	8121.540	0.000	8121.540	d) Seal Coat		43.34		3519988	0	3519988
1000.00	6.000	0.000	6.000	Item No. : 33 Making cross connection to existing distribution main of any type including excavation, breaking and removing existing pipes, lowering laying of specials and pipes in their position, refilling, closing the water supply in that area, dewatering and restarting the water supply, etc. complete as directed by Engineer. In-charge for following diameters of existing pipeline, irrespective of diameter of branch line (the number of joints involved will be paid separately depending upon the nature of joints and required pipes, valves and specials will be supplied free of cost at stores)						
750.00	18.000	12.000	6.000	a) 100MM		1634.85		9809	0	9809
50.00	10.000	5.000	5.000	b) 150MM		2058.00		37044	24696	12348
				c) 200MM		2160.90		21609	10805	10804
750.00	0.000	0.000	0.000	Item No. : 34 Dismantling dead pipeline of M.S./R.C.C./C.I./ P.S.C. and G.I./ A.C./ P.V.C./ S.W./ H.D. P. E pipe including cost of necessary excavation and refilling of trenches, breaking the joints, lifting the pipes and stacking to the place as directed by Engineer-in-charge with all leads and lifts including cleaning the surface, etc. complete.						
				d) 150 mm		147.00		0	0	0



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.

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BOQ	Work done QTY as per Measurement.		Description of Item	Unit	Rate		Payment on the basis of actual measurements		(Amount)
	Upto Date Qty	Last Bill Qty			Since Previous	Full Rate	Part rate	Upto date Amount	
	1066.920	761.582	305.338 (b) Applying Internal Plaster 12mm thk.	sqm	147.00		156837	111953	44885
	1594.589	1085.209	509.380 (c) Applying External Plaster 20mm thk.	sqm	357.00		569268	307420	181849
	937.164	856.719	80.445 (d) Providing fine cement Finish of 1.5mm thk.	sqm	48.30		45265	41380	3885
	41.000	21.000	20.000 (e) Providing & Fixing SFRC manhole cover	Nos	3679.20		150847	177263	73584
	135.000	135.000	0.000 (e) Providing & Fixing SFRC manhole cover 0.9X0.45m	Nos	2764.65		373228	373228	0
	0.000	0.000	0.000 (e) Providing & Fixing SFRC manhole cover 0.9X0.6m	Nos	3679.20		0	0	0
	1022.486	628.869	393.617 Extra Items No.05	cum	912.45		932967	573812	359156
	142.450	142.450	(a) Providing Rubble soiling in 15 to 20cm thk layer				43675	43675	0
	615.965	476.116	0.000 (a) Providing Rubble soiling in 15 to 20cm thk layer R.R.(912.45-606-306.60. for laying only)	cum	4206.30	306.60	2590934	2002687	588247
	1200.761	966.860	139.849 (b) Providing & Casting M15 grade concrete	cum	3106.95		3730704	3003986	726719
	121.697	0.000	233.901 (c) Construction of UCRS Masonry work	cum	2000.00		243394	0	243394
	735.237	533.777	0.000 (c) Construction of UCRS Masonry work (Rate excluding rubble) part rate of Rs.3106.95	cum	660.45		485587	352533	133054
	5352.751	5352.751	0.000 (e) Excavation in soft soil	cum	184.80		989188	989188	0
	1275.325	1275.325	0.000 (1) for lift 6.0 to 7.5m	cum	197.40		251749	251749	0
	926.299	926.299	0.000 (2) for lift 7.5 to 9.0m	cum	200.55		185769	185769	0
	351.450	347.785	0.000 (1) for lift 6.0 to 7.5m	cum	559.65		196689	194638	2051
	505.713	487.053	18.660 (g) Excavation in Soft Rock	cum	3676.95		301637	1253609	48028
	897.887	703.620	194.267 (8a) CC M10	sqm	895.65	2573.87	562935	441138	121777
	33.600	33.600	0.000 (8b) providing and laying jointing paver Block	sqm	156.00	626.96	5241.60	5241.60	0.00
	61.171	61.171	0.000 (8c) Fixing factory made hydraulically pressed paver block	cum	200.55	200.55	12268	12268	0
	91.028	91.028	0.000 (1) for lift 7.5 to 9.0m	cum	559.65	559.65	50944	50944	0
	92.250	0.000	0.000 (1) for lift 7.5 to 9.0m	cum	949.30	949.30	87573	87573	0
			92.250 Lift 7.5m to 9.0m	cum			83382326	67163198	16219128
			Total for ERL						

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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

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BOQ	Work done QTY as per Measurement.		Description of Item	Unit	Rate		Payment on the basis of actual measurements (Amount)		
	Upto Date Qty	Last Bill Qty			Since Previous	Full Rate	Part rate	Upto date Amount	Amount Upto last bill
			Clause 38:-						
			ITEM NO. 1 :- Excavation for foundation/pipe trenches in earth soils of all types sand gravel and soft mudstone manually or by using mechanical means including & removing the excavated materials, up to a distance of 50.0 m beyond the area, and lifts as below. Stacking and spreading as directed by engineer-in-charge, normal dewatering and preparing the bed for foundation and excluding back filling etc complete.						
			LIR 0.0 m to 1.5 m						
	105350.160	105350.160	For 2014-15	Cum	143.87		15156669.0	15156669	0
	172043.003	117788.564	For 2015-16	Cum	149.49		25718595.0	17608135	8110460
			LIR 3.0 m to 4.5 m						
	4520	4520	For 2014-15	Cum	170.84		772.0	772	0
	10746.726	8738.523	For 2015-16	Cum	178.71		1920578.0	1561686	358892
			LIR 4.5 m to 6.0 m						
	291.240	0.000	For 2015-16	Cum	193.32		56304.0	0	56304
			ITEM NO. 2 :- Excavation for foundation / pipe trenches in hard murum and Boulders/WBM road including removing the excavated material upto a distance of 50 M and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for foundation and including backfilling etc.complete.						
			LIR 0.0 m to 1.5 m						
	30335.599	19750.994	For 2015-16	Cum	187.70		5694133.0	3707354	1986779
			ITEM NO. 3 :- Excavation for foundation/pipe trenches in slush/muddy/marshy soil of pochain/labour for dewatering during execution including & removing the excavated materials, up to a distance of 50.0 m beyond the area, and lifts as below. Stacking and spreading as directed.						
			LIR 0.0 m to 1.5 m						
	5570.170	5570.170	For 2014-15	Cum	350.68		1953357	1953357	0
	11191.630	6978.221	For 2015-16	Cum	350.68		3924701	2447135	1477566
			LIR 1.5 m to 3.0 m						
	6.440	6.440	For 2014-15	Cum	374.29		2410	2410	0
	14.380	14.380	For 2015-16	Cum	375.41		5398	5398	0
			ITEM NO. 4 :- Excavation for foundation/pipe trenches in soft rock and old cement and lime masonry foundation asphalt road manually or by using mechanical means including & removing the excavated materials, up to a distance of 50.0 m beyond the area, and lifts as below. Stacking and spreading as directed.						
			LIR 0.0 m to 1.5 m						
	9877.928	6101.657	For 2015-16	Cum	524.90		5184913	3202752	1982159





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 Nakhstrawadi (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 Nakhstrawadi (Kanchanwadi) STP and Ward No.98 to

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Abstract For 12th RA Bill

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BOQ	Work done QTY as per Measurement.			Description of Item	Unit	Rate		Payment on the basis of actual measurements		(Amount)	
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill		Since Previous
				ITEM NO. 5 :- Excavation for foundation / pipe trenches in laterite rock masses by chiselling, weighting, line drilling, or by mechanical means or by all means other than blasting, including trimming and levelling bed, removing the excavated material upto a distance of 50 M beyond the area and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering excluding backfilling etc by all means.							
	1796.921	685.086	1111.835	L/R 0.0 m to 1.5 m	Cum	910.42		1635960	623719	1012241	
	150147.775	116995.605	41152.170	Item No. 10 :- Dewatering the excavated trenches and pools of water in the building trenches / pipeline trenches, well works by using pumps and other devices including disposing off water to safe distance as directed by engineer-in-charge (including cost of machinery, labour, fuel etc. complete For 2015-16	Cum	60.08		9501809	7029311	2472498	
				Item No. 15 :- Providing ISI standard R.C.C. NP3 pipes in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints, including all taxes (Central and local), inspection charges, transport to departmental stores/site, unloading and stacking etc. complete as per IS 458/1988 (One rubber ring should be supplied with each full length of socketed pipe)							
				Class NP - III							
	4575.150	4575.150	0.000	a) 1400mm	Rent	1755.70	1228.99	5622826	5622839	-13	
	4575.150	4575.150	0.000	For 2014-15 Laid	Rent		263.36	1204891	1204894	-3	
	11930.000	11930.000	0.000	Commissioning	Rent		263.36	0	0	0	
	16891.850	9693.700	7198.150	For 2015-16 Laid	Rent	1414.50	990.15	18743515	11812474	6931041	
	6998.550	6998.550	0.000	Commissioning	Rent		212.17	3584024	2056758	1527266	
	6998.550	6998.550	0.000	b) 3500mm	Rent		212.17	0	0	0	
	4070.000	2570.000	1500.000	For 2014-15 Laid	Rent	2318.56	1622.99	11358572	11358572	0	
	3087.050	1747.250	1339.800	For 2015-16 Laid	Rent		347.78	2433980	2433980	0	
	1255.030	0.000	1255.030	Commissioning	Rent		347.78	0	0	0	
	309.280	0.000	309.280	For 2015-16 Laid	Rent	1878.63	1315.04	5352218	3379656	1972562	
	773.350	0.000	773.350	Commissioning	Rent		281.79	869914	492366	377548	
	473.350	0.000	473.350	c) 6000mm	Rent		281.79	0	0	0	
				For 2014-15 Laid	Rent	2210.15	1547.11	1941666	0	1941666	
				Commissioning	Rent		331.52	102533	0	102533	
				d) 1000mm	Rent		331.52	0	0	0	
				For 2015-16 Laid	Rent	4309.80	3016.86	2333088	0	2333088	
				Commissioning	Rent		646.47	306007	0	306007	

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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. : 34
Page No. :

Abstract for 12th RA Bill

Page 14 of 15

BOQ	Work done QTY as per Measurement.			Description of Item	Unit	Rate		Payment on the basis of actual measurements		(Amount)	
	Upto Date Qty	Last Bill Qty	Since Previous			Full Rate	Part rate	Upto date Amount	Amount Upto last bill		Since Previous
			0.000	Commissioning	Rmt		646.47			0	
			0.000	Commissioning	Rmt		21977.24			0	
	2975.050	2975.050	0.000	For 2014-15	Rmt		15384.07		45768376	45768376	
	2975.050	2975.050	0.000	Laid	Rmt		3296.59		9807508	9807509	
	1800.000	1725.000	75.000	Commissioning	Rmt		3296.59		0	0	
	1749.500	1707.000	42.500	For 2015-16	Rmt		18116.94		22827448	21876209	
				Laid	Rmt		22681.86		47543139	4638843	
				Commissioning	Rmt		2717.54		0	0	
				Commissioning	Rmt		2717.54		0	0	
				ITEM No- 16:- Providing ISI standard R.C.C. NP4 pipes in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints including all taxes (Central and local), inspection charges, transport to departmental stores/site, unloading and stacking etc. complete as per IS 458/1988 (One rubber ring should be supplied with each full length of socketed pipe)							
				Class NP - IV							
				Q11400mm							
	74.550	74.550	0.000	For 2014-15	Rmt		15663.36		817392	817392	
	74.550	74.550	0.000	Laid	Rmt		2349.50		175155	175155	
				Commissioning	Rmt		2349.50		0	0	
				Item No. 17 :- Lowering, laying and jointing in proper grade and alignment R.C.C. pipes with collar joints in CM 1:1, proportion of socketed R.C.C. pipes with rubber joints (excluding cost of conveyance from stores to site of work, cost of jointing material, labour, giving Hydraulic testing etc. complete as directed by engineer-in-charge (For all Class of Pipes as per IS 783-1985)							
				Q11800mm							
	26.200	26.200	0.000	For 2014-15	Rmt		849.73		20037	20037	
				Commissioning	Rmt		84.97		0	0	
	2637.500	2595.000	42.500	For 2015-16	Rmt		892.64		2118915	2084771	
				Commissioning	Rmt		89.26		0	0	
				Item No. 22 Providing and constructing on sewer R.C.C. circular manholes 2.2 m dia and up to a depth of 5 M of Reinforced Cement Concrete (M 20) including excavation, concrete, steel reinforcement and haunches and channels in C.C. 1:2:4 proportion, finishing channel, in smooth rendering, providing C.I. dispart type steps each weighing 5.5 kg. and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc. complete as directed by engineer-in-charge (As Per Rate Analysis)							
				For Rebate							
	35.355	35.355	0.000	For 2014-15			14768.22		522130	522130	
	113.590	63.840	49.750	For 2015-16			14086.02		899252	899252	
									1600031	700774	





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. :- **035**

Name of Agency: M/s. Khilari Infrastructure Pvt. Ltd. & CPWD

Date Meas
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BOQ	Work done QTY as per Measurement.		Description of Item	Unit	Rate		Payment on the basis of actual measurements (Amount)			
	Upto Date Qty	Last Bill Qty			Since Previous	Full Rate	Part Rate	Upto date Amount	Amount Upto last bill	Since Previous
			Item No.: 23 Providing and constructing on sewer:BBM manhole 1.5 m dia at bottom and 0.5 m dia at top and up to a depth of 2 to 5.0 M in CM 1:4 proportion excluding excavation including foundation concrete 250 mm thick and haunches and channels in C.C.1:2:4 proportion, finishing channel, in smooth rendering, providing C.I dapuri type steps each weighing 5.5 kg, 1:2:4 coping and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc, complete as directed by engineer- In-charge.							
			For Rebate							
	-625.231	-625.231	0.000 For 2014-15		6042.52		-3777969	-3777969		0
	-2334.018	-1330.408	-1003.610 For 2015-16		6042.52		-14103342	-8039012		-6064330
			Item No.: 24 Providing and constructing on sewer. R.C.C circular manhole 2.5 m dia and up to a depth of 9 M of Reinforced Cement Concrete (M-20) including excavation, concrete, steel reinforcement and haunches and channels in C.C.1:2:4 proportion, finishing channel, in smooth rendering, providing C.I dapuri type steps each weighing 5.5 kg, and providing and fixing approved make and quality SFRC frame and cover of 56 cm dia etc, complete as directed by engineer- In-charge. (AS Per Rate Analysis)							
			For Rebate							
	-21.465	-21.465	0.000 For 2014-15		30905.66		-663390	-663390		0
	-366.280	-348.380	-17.900 For 2015-16		29631.79		-10853533	-10323123		-530410
			Total for Clause 38				-183621822	155466417		28155405
			Total (BOQ+EIRLs+CL 38)				1199650592	1022274374		177376218

CLIENT
Dy. Engineer
Ex. Engineer

Project Manager
Project Incharge



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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. :- 036
Page No. :-

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

MASTER ABSTRACT FOR 12 th RUNNING ACCOUNT BILL						
Technical Sanction No and Date: CE(PMSS)/TB-3/Aurangabad/1261 Dated:13.06.2013						
Administrative Approval No & Date: DMA/UIDSSMT/18 th SLSC 2013 CR/167/13 Dated:20.07.2013						
Date of Commencement - 01-07-2014						
Stipulated Date of Completion - 30-06-2017						
Name of Contractor: Khilari Infrastructure Pvt Ltd - GECPL JV						
Work Order No and Date: AMC/Ward B & C/UIDSSMT/2014/184 Dated 01.07.2014						
12th R.A. Bill Dt : 29.03.2017						
Amount Put to Tender - Rs. 354.04 Crs.						
Accepted Tender Amount - Rs. 464.00 Crs.						
Sr. No.	Description of Item	MB No.	MB page No.	Payment on the basis of actual measurments (Amount)		
				Upto date Amount	Amount Upto last bill	Since Previous
Part-A For STP						
1	Amount of Bill for Nakshatrawadi STP of Capacity 161MLD	--	--	76,84,36,525.00	76,84,36,525.00	0,00,00,000.00
2	Amount of Bill for Zalta STP of Capacity 35MLD	--	--	18,43,01,461.00	18,43,01,461.00	0,00,00,000.00
3	Amount of Bill for Banewadi STP of Capacity 10 MLD	--	--	44,02,187.00	44,02,187.00	0,00,00,000.00
4	Amount of Bill for Padegaon STP of Capacity 10 MLD	4550	42 to 47	4,52,89,127.00	3,90,52,423.00	62,36,704.00
Total for STP				100,24,29,300.00	99,61,92,596.00	62,36,704.00
Withheld Amount for Cost Finalization from Concern Authority				95,07,755.00	90,07,755.00	5,00,000.00
Total for PART A				99,29,21,545.00	98,71,84,841.00	57,36,704.00
PART-B-i) For Collection System, SPS and Rising Main For BOQ and CI38						
1	Underground Sewerage Collection System (For Main and Branch Sewers)	4591	120 to 199	111,62,68,266.00	95,51,11,176.00	16,11,57,090.00
		4617	01 to 35			
2	Amount of Bill for SPS at Zalta	4551	22 to 26	1,51,22,865.00	103,94,034.00	47,28,831.00
3	Amount of Bill for SPS at Padegaon	4594	12 to 15	47,43,821.00	25,36,124.00	22,07,697.00
4	Amount of Bill for SPS at Golwadi	4596	11 to 14	5,58,91,051.00	193,45,858.00	3,65,45,193.00
5	Amount of Bill for SPS at Ward No 98	4595	11 to 14	41,05,004.00	29,07,991.00	11,97,013.00
6	Amount of Bill for Rising Main	4516	139 to 142	1,31,31,180.00	124,14,389.00	0,07,16,791.00
Total for PART B-i)				120,92,62,187.00	100,27,09,572.00	20,65,52,615.00





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, Zalra, Padegaon, CIDCO (Airport). Construction, Erection, Testing and Commission of Sewage pumping stations at Banewadi, Siddharth Garden, Padegaon, Golwadi, Zalra, 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. :- 037

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

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

Sr. No.	Description of Item	MB No.	MB page No.	Payment on the basis of actual measurmments (Amount)		
				Upto date Amount	Amount Upto last bill	Since Previous
PART-B-ii) For Collection System, SPS and Rising Main For Extra Item						
1	Underground Sewerage Collection System (For Main and Branch Sewers)	4591	120 to 199	8,33,82,326.00	6,71,63,198.00	1,62,19,128.00
		4617	01 to 35			
2	Amount of Bill for Rising Main	4516	139 to 142	4,25,36,662.00	266,26,750.00	1,59,09,912.00
Total for PART B-ii)				12,59,18,988.00	9,37,89,948.00	3,21,29,040.00
Total for PART B (I + ii)				133,51,81,175.00	109,64,99,520.00	23,86,81,655.00
Total for PART (A + B)				232,81,02,720.00	208,36,84,361.00	24,44,18,359.00
Deductions						
	Income Tax	2%		4,65,62,054.00	4,16,73,687.00	48,88,367.00
	Security Deposit	3%		6,98,43,082.00	6,25,10,531.00	73,32,550.00
	VAT	2%		4,65,62,054.00	4,16,73,687.00	48,88,367.00
	EWF	1%		2,32,81,027.00	2,08,36,844.00	24,44,181.00
	LBT	0.25%		58,20,257.00	52,09,211.00	6,11,046.00
	Royalty			52,87,896.00	49,61,652.00	3,26,244.00
	Deduct Mobilization Advance			23,28,11,529.00	23,28,11,529.00	0,00,000.00
Total deduction				43,01,67,899.00	40,96,77,141.00	2,04,90,758.00
Net Payable Amount for Part (A+B)				189,79,34,821.00	167,40,07,220.00	22,39,27,601.00
In Words Rupees Twenty Two Crores Thirty Nine Lakhs Twenty Seven Thousand Six Hundred One Only						



Authorized Signatory Contractor



Project Incharge

Executive Engineer Ward B & C, AMC

Pass self in Rs. 244418359/- (Twenty four crores thirty nine lakhs twenty seven thousand six hundred one only)

31/08/17

5/4/17

5/4/17