



# AURANGABAD MUNICIPAL CORPORATION.

(From No.52)

## Measurement Book

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

Book No. :- **012**  
Page No. :-

**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

SPS Padegaon RA12

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### Measurements of 12<sup>th</sup> Running Account Bill

SCHEDULE B - FOR PART B - B 1 (Percentage Rate Contract)							
1.4	Sewage Pumping Station and Pump House at Padegaon						
2	B) - Mechanical Works - Item Include						
ITEM NO	Providing, Installing, Testing, Commissioning of non clog Submersible Sewage Pumps, as specified below.						
5	Capacity - 639.00 m <sup>3</sup> /Hrs. Pump Head in mWC- 020 mtr. Efficiency of the pumps 75% Required Motor rating HP- 80 Solid Handling size - 100mm Sp Gravity - 1.05 MOC Casing - CI IS 210 Gr. FG 220 Impeller - CF8M Shaft and Sleeve - SS 316 Motor Parts - CI IS 210 Gr. FG 220 Fasteners - BHT Steel Guide Pipe - Carbon Steel Lifting Chain - Carbon Steel Mech. Seal - Motor Side - Carbon / Chrome Steel - Pump Side - SiC V/s SiC						
a	For Supply @ 75%						
Date of Measurement	Particulars of work	DC No	Dated	Supplied By	Pump No	Quantity	Remark
	Kishor Submersible Sewage Pump with 20m Cable Length, Model: ASTRA SA-250-315, Casing MOC: NICI	478	25/02/2017	Kishor Pumps	91483	1	Client Inspection
	Kishor Submersible Sewage Pump with 20m Cable Length, Model: ASTRA SA-250-315, Casing MOC: NICI	478	25/02/2017	Kishor Pumps	91484	1	Client Inspection
	Kishor Submersible Sewage Pump with 20m Cable Length, Model: ASTRA SA-250-315, Casing MOC: NICI	478	25/02/2017	Kishor Pumps	91485	1	Client Inspection
Quantity executed upto RA Bill 11		0.00	Quantity executed in RA Bill 12		3.00		
Total Quantity		3.00	Quantity executed upto date		3.00		
Percentage work done upto date					100.00%		
30	DI Specials-						
Date of Measurement	Particulars of work	DC No	Dated	Supplied By	No	Quantity	Unit
	Single Auto Rail Coupling Ductile Iron 250 NB	478	25/02/2017	Kishor Pumps	3	261	Kg
	Duck Foot Bend CI 250 NB (IS 1538 : 1978)	478	25/02/2017	Kishor Pumps	3	228	Kg
Quantity executed upto RA Bill 11		0.00	Quantity executed in RA Bill 12		489.00		



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Page No. :-

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

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Padegaon SPS Abstract RA.12

PART B - ABSTRACT OF COST												
Name of Work :- Development of Underground Sewerage Collection system for Zone I to VI & Zone Salim Ali, Construction of sewage Treatment Plants, Construction of sewerage												
Date of Commencement - 01-07-2014												
Stipulated Date of Completion - 01-07-2017												
A & F Sanction No. & Date :-												
Technical Sanction No. & Date :-												
Serial No. of this Bill - 12 R.A. Bill Dt: 15.03.2017												
Name of Contractor - M/s. Khilari Infrastructure Pvt Ltd.												
Contract No., & Date - /AMC/WARD(B&C)/UIDSSMT/2014/184 DL 01.07.2014												
SPS- PADEGAON												
Description of Item												
Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
1	2	3	4	4	A) Civil Work Cost	6	7	8	9	10	11	12
					Item No 1 :- Designing, Constructing, Erecting and Commissioning and giving satisfactory Performance test of seven numbers (6 Terminal + 1 Intermediate) Sewage pumping stations and pump house including cost of all equipments such as Pumps, Motors, necessary piping, valves, Starters, Change over switches, panel board, Cables, DG set, Mechanical and Manual Coarse Screen, gates, Civil/ Mechanical/Electrical work required to provide/installation of equipments as specified in detailed scope of work etc complete.							
				1.4	Sewage Pumping Station and Pump House at Padegaon		No	2407598				
				I	PRELIMINARY WORK PAYMENT SCHEDULE @4%			96304			48152	48152
50.00%	50.00%	50.00%	0.00%	1	Submission of RCC Design & Drawing			48152			48152	48152
50.00%	50.00%	50.00%	0.00%	2	Approval of RCC Design & Drawing			48152			48152	48152
100.00%	100.00%	100.00%	0.00%	I	Total			96304		96304	96304	96304

<p style="text-align: center;">Up to</p> <p style="text-align: center;">ate</p>	<p>0</p>
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Page No. :-

**Name of Contractor:-** M/s. Khilari Infra Pvt. Ltd. B. No. 98, CHCO (Airport), Aurangabad (Maharashtra)

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Padegaon SPS Abstract RA 12

Quantity as per BOQ		Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Unit	Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous
<b>CONSTRUCTION WORK PAYMENT SCHEDULE</b>													
<b>II Civil Works - Total 96%</b>													
16.67%	16.67%	16.67%	16.67%	0.000%	1.1	Excavation work			2311294		385223	385223	0
6.67%	6.670%	6.670%	6.670%	0.000%	1.2	Raft Slab including PCC			385223		154163	154163	0
13.33%	13.333%	13.333%	13.333%	0.000%	1.3	RCC Walls and Column Structures, staircase Walkways up to Floor level.			308165		308165	308165	0
10.00%	10.00%	10.00%	10.00%	0.000%	1.4	Coarse Screen Chambers			231129		231129	231129	0
23.33%	23.33%	23.33%	23.33%	0.000%	1.5	RCC works for pump House			539294		539294	539294	0
16.67%	14.00%	14.00%	14.00%	0.000%	1.6	Brick Masonary, Doors and Windows			385223		323581	323581	0
6.67%	2.00%	2.00%	2.00%	0.000%	1.7	Plastering and Flooring, Painting, Railing, misc works etc			154094		46226	46226	0
100.00%	86.00%	86.00%	86.00%	0.00%	I	<b>Total</b>			<b>2311294</b>		<b>1987782</b>	<b>1987782</b>	<b>0</b>
<b>Total For SPS</b>													
<b>After Above 21.69%</b>													
<b>Total Amount</b>													
<b>B) - Mechanical Works - Item Include</b>													
Providing, Installing, Testing, Commissioning of non clog Submersible Sewage Pumps, as specified below.													
Capacity - 639.00 m3/Hrs.													
Pump Head in mWC- 020 mtr. Efficiency of the pumps													
75% Required Motor rating HP- 80													
Solid Handling size - 100mm													
Sp.Gravity - 1.05													
MOC													
Casing - CI IS 210 Gr. FG 220													
Impeller - CFRP													
Shaft and Sleeve - SS 316													
Motor Parts - CI IS 210 Gr. FG 220													
Fasteners - BHT Steel Guide Pipe - Carbon Steel Lifting													
Chain - Carbon Steel													
Mech. Seal - Motor Side - Carbon / Chrome Steel													
For Supply @ 75%													
3.00	3.00	0.00	0.00	3.00	a	Errction / Installation Complete @ 25%		No	782125.00	586594	1759781	0	1759781
				0.00	b					195531	0	0	0
3.00													





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Padegaon SPS Abstract RA 12

Quantity as per BOQ	Upto date quantity	Quantity Upto last bill	Quantity Since Previous	Item No.	Description of Item	MB page No.	Rate		Payment on the basis of actual measurements			
							Full Rate	Part rate	Upto date Amount	Amount Upto last bill	Since Previous	
1200.46	489.00	0.00	489.00	30.1	DI Specials- Providing and supplying ISI standard DI specials and fitting with sealing rubber gasket of SBR complete with cast iron follower gland MS nut bolts coated or otherwise protected from rusting and suitable for DI pipes including cost of labour, materials and transportation to store/ site loading and unloading including all taxes etc. complete as per IS 9523		111.28		54416	0	54416	
5203.183	0.00	0.00	0.00	30.2	80 to 300 mm Dia		135.20		0	0	0	0
					350mm to above Dia				1814197	0	0	1814197
					Total For SPS-Mechanical Work				393499	0	0	393499
					After Above 21.69%				2207696	0	0	2207696
					Total Amount-Mechanical Work(B)				4743821	2536124		2207696
					Total Amount-(A+B)							



Jr-Engineer  
AMC

Dy-Engineer  
AMC

Executive Engineer  
AMC