

**IMPROVEMENTS OF WATER SUPPLY DISTRIBUTION SYSTEM TO HOSUR MUNICIPALITY- (PHASE I) UNDER
AMRUT 2015-2016
SALIENT DETAILS**

SL NO	ATTRIBUTE	SALIENT DETAILS	
1	PROJECT AREA	HOSUR MUNICIPALITY IN KRISHNAGIRI DISTRICT (PHASE I)	
2	DPR COST- TECH SANCTION	Rs 92.21 Crores	
3	AM COST	Rs 1.51 Crores	
4	Administrative Sanctioned	G.O.Ms.No.109 Municipal Administrative and water supply (MA2) Department Dt.29.08.2016 for rupees 87.91 crores	
5	Technical Sanction	CER No.6/2016-17/AMRUT/Dt.16.09.2016 for rupees 92.21 crores	
6	DATE OF TENDER	25.04.17	
7	DATE OF WORK ORDER	LR NO.F10780/SDO1/COM/2017DT 16.06.17	
8	NAME OF CONTRACTOR	SRIRAM EPC LIMITED EGMORE CHENNAI	
9	DATE OF AGREEMENT		
10	FUNDING PATTERN (87.91)		
a	GOI Share	Rs 43.96 Crores (50%)	
b	GTN Share	Rs 17.58 Crores (20%)	
c	ULB Share	Rs 26.37 Crores (30%)	
11	DETAILS OF MUNICIPALITY		
a	Area of Municipality	72.41 Sq Km (11.71+60.70)	
b	Total No. of wards	45 Wards	Phase I- 22 Wards (Core Area) Phase II- 23 Wards (Added Area)
12	ZONES		
	TOTAL NUMBER OF ZONES	39	
13	POPULATION (Decade)		
	1971	44798	
	1881	57495	
	1991	93373	
	2001	151426	
	2011	244518	

14	Design Population		DEMAND
	Base year 2017	132500	20.80 MLD
	Intermediate Year 2032	177000	27.61 MLD
	Ultimate Year 2047	228700	35.47 MLD
15	Existing water supply system		
	current status of water supply		
a	Hogenakkal CWSS	12.38 MLD	
b	Kelavarapalli Dam SIPCOT CWSS	14.00 MLD	
c	Perandapalli River Source works	6.50 MLD	
d	Well field sources scheme(2004)	6.60 MLD	
	TOTAL	39.48 MLD	
16	PROPOSED MBR'S	4 NOS	LOCATION
1	AVALAPALLI-MBR 2	5.00 Lakh lits	Eswara nagar park
2	MOOKANDAPALLI-MBR3	10.00 Lakh lits	Bharathi nagar Arasanatti school
3	CHENNATHUR-MBR 4	10.00 Lakh lits	Seetharam nagar
4	MATHAGIRI-MBR 5	5.00 Lakh lits	Karnur
17	PROPOSED SERVICE RESERVOIR	8 NOS	From MBR No
1	Lakshminarayana nagar (Zone 30)	5.00 Lakh lit	MBR 2
2	TNHB Housing board (Zone 26)	10.00 Lakh lit	MBR 2
3	Old ASTC Hudco (Zone 5)	12.50 Lakh lit	MBR 3
4	Kumaran nagar (Zone 22)	5.00 Lakh lit	MBR 4
5	Rayakotta road (Zone 8)	7.50 Lakh lit	MBR 4
6	Venkatesh nagar (Zone 25)	12.50 Lakh lit	MBR 4
7	Parvathi nagar (Zone 38)	1.00 Lakh lit	MBR 4
8	C.S nagar (Zone 21)	10.00 Lakh lit	MBR 5

18	Feeder Main in KM – 200 mm to 600mm DI / K7 Pipe	57.048 Km
19	D' System in KM	145.702 Km
a	D' System In Km 250 to 500 mm DI K7 Pipe	7.9 Km
b	D' System In Km 110 to 225 mm HDPE PN6 Pipe	135.148 Km
c	D' System In Km 80 mm to 150 mm GI Pipe	2.654 Km

20	PUMP ROOM		LOCATION
	12MX10M	4 NOS	MBR 2,3,4,5

22	PUMP SETS HSC CENTRIFUGAL PUMPSET		
	60 HP (4963 LPMX32M), 75 HP (11236 LPMX18M), 165 4 Nos HP (15831 LPMX28M), 100 HP (6307 LPMX43M)		
23	SECURITY ROOM		
	3.00 M X3.00 M	8 NOS	For All SR'S

24	SCADA ROOM	5 NOS	
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25	ELECTO FLOW METER		
	100 MM to 350 MM	14 NO	
26	DISINFECTION SYSTEM USING ELECTO CHOLORINATION BASED ON COMMAN SALT		
	MBR 2	1800000 Lits /day	
	MBR 3	3700000 Lits /day	
	MBR 4	3700000 Lits /day	
	MBR 5	1800000 Lits /day	

27	HSC	20333 Nos	
	Domestic	18933 Nos	
	Non Domestic	1400 Nos	