

**PROVIDING CWSS TO ATTUR AND NARASINGAPURAM MUNICIPALITIES,
20 TOWN PANCHAYATS AND 1,345 RURAL HABITATIONS IN
12 PANCHAYAT UNIONS OF SALEM DISTRICT.**

<u>SALIENT DETAILS</u>				
Administrative approval accorded vide G.O.MS.No.265 MA&WS(WS1)Dt.26.10.2010 For Rs. 270 Crore.				
	Total			
Installation Cost (Rs. in Crore)	240.00	(Technical Sanction)		
A.M. Cost (Rs. in Crore)	19.85			
Per Capita Cost (Rs.)	2,315			
Cost per1000 Litres (Rs.)	9.92			
Beneficiary (Local Bodies)				
a. Municipalities - 2 Nos	1.Attur			
	2.Narasingapuram			
b.Town Panchayats - 20 Nos.				
	1.Jalakandapuram(New)	11.Gangavalli (New)		
	2.Nangavalli (New)	12.Thedavur (New)		
	3.Vanavasi (New)	13. Veeraganur (New)		
	4.Tharamangalam(New)	14. Mecheri (E)		
	5. Kannankurichi (E)	15. Omalur (E)		
	6.Valapady (E)	16. Karuppur (E)		
	7.Keeripatty (New)	17.Ayothiyapattinam (E)		
	8.Thammampatty(New)	18.Pethanaickenpalayam (E)		
	9.Sentharapatty(New)	19.Yethapur (E)		
	10.Belur (New)	20. PN Patty (Part) (E)		
c. 1345 Rural Habitations in Panchayat Unions -12 Nos.	Union	No. of Habitations		
		Existing	Proposed	Total
	1.Ayothiapattinam	95	140	235
	2.Panamarathupatty	0	35	35
	3.Valapady	20	138	158
	4.PN palayam	18	164	182
	5.Attur	18	136	154
	6.Gangavalli	0	128	128
	7.Thalaivasal	0	223	223
	8.Nangavalli	4	0	4
	9.Mecheri	33	0	33
	10.Omalur	83	65	148

	11. Salem	21	0	21
	12.Tharamangalam	24	0	24
	TOTAL	316	1029	1345
Head Works (Existing)	Existing Head Works for Salem-Attur CWSS in River Cauvery near Mettur Dam.			
Treatment Plant (Existing)	88.30 mld Full Scale Treatment Plant at Komburankadu with Clear Water Output of 84.134 mld			
Raw Water Conveying Main (Existing)				
From Head Works to BPT @ LS 520 m				
(i) Pumping Main -	Two pipe line in parallal 900mm MS - 18 KSC		520 m	
(ii) Gravity Main from BPT to WTP at Komburankadu @ LS 3,600 m	1,000mm MS-18 KSC		3,080 m	
Clear water Transmission Main (Existing)	From clear water Reservoir to Dalmia Magnesite Arch LS 3,600 m to LS 34, 300 m		30700 m	
	1100mm MS/PSC Pipes			
Proposed Transmission Main- From Dalmia Magnesite Arch to Attur Indra Nagar				
From	To	Class of pipes & Length		
LS 0.00 m (Dalmia Magnesite Arch)	LS 1,125 m (Vinayagar Nagar sump).	900 mm MS- 1,125 m Gravity main.		
LS 1,125 m	LS 5,710 m -(Pumping to ridge point)	900 mm MS- 4,585 m Pumping main.		
LS 5,710 m	LS 15,050 m -(Tapping to kannankurchi TP)	1000 mm MS- 9,340 m Pumping main.		
LS 15,050 m	LS 20,660 m – (Inter connection to Ammapet Booster sump)	900 mm MS- 5,610 m Gravity main.		
LS 20,660 m	LS 31,025 m- (Minnampalli Booster Station)	900 mm MS – 10,365m Gravity main		
LS 31,025 m	LS 35,130 m - (Mettupatti BPT)	700 mm MS – 4,105 m Pumping main		
LS 35,130 m	LS 46,730m(Belur privu BPT)	600 mm DI K7 – 10,480m, 500 mm DI K7 - 350m & 450 mm DI K7 - 770m Gravity main.		
LS 46,730m	LS 54,570 m(Tapping to Rural Habitations in P.N. Palayam & Attur Unions)	450 mm DI K7 – 7,840 m Gravity main.		
LS 54,570 m	LS 61,750 m (Rural habitations in Attur Union)	450 mm DI K7 – 7,180 m Gravity main.		

LS 61,750 m	LS 64,530 m (Rural habitations in Attur Union)	450 mm DI K7 – 2,780m Gravity main.		
LS 64,530 m	LS 71,040 m- Sub main -II	450 mm DI K7 – 350 m & 450 mm DI K9 - 6160 m Gravity main		
LS 71,040m	L S 72,540 m –Indranagar BPT Stand Post.	300 mm DI K9 – 1,500 m		
	Total	72.54 Km		
Proposed Sub Main I	67.80 Km (350mm DI to 63 mm PVC pipes)From LS 45610 m to Gandhipuram in Gangavelli Union			
Proposed Sub Main II	66.33 Km (350mm DI to 63 mm PVC pipes) From LS 71040 to Nallur in Thalaivasal union			
Proposed Feeder Main for Town panchayats	71.642Km (250mm DI to 50 mm PVC pipes)			
Proposed Feeder Main	1,218.253 Km			
Total Length	1,424.025 Km			
Proposed Sumps	6 Nos.(@ Vinayaga nagar,Minampalli, Mettupatti, Belur, Moolagundu Rice Mill & Melkanavai)			
Proposed Break Pressure Tank	4 Nos-(Indra Nagar, Manjini Gate, Veeraganur & Koneripatti)			
Infrastructure (Proposed)	Total	Municipalities	Town Panchayats	Rural Habitations
1) Intermediate Sumps (Nos)	151		10	141
2) Service Reservoirs				
a) Existing	1,351	20	72	1,259
b) Proposed	92	NIL	6	86
3) Distribution system in Km				
a) Existing	1,043.94	71.057	246.383	726.50
b) Proposed	48.435	NIL	3.97	44.465