

SALIENT DETAILS

WSIS TO IDAPPADI MUNICIPALITY IN NAMAKKAL DISTRICT

Administrative Sanction			G.O.(D) No.85, MA & WS (MA2), Dept, dated 21.02.2011	
Total installation cost			Rs. 1852.00 Lakhs	
Annual Maintenance Charges			Rs. 53.00 Lakhs	
Funds allocations for the installation cost			Loan from JICA	Rs.1000.00 Lakhs
			Grant from JICA	Rs. 667.00 Lakhs
			ULB Contribution	Rs. 185.00 Lakhs
Population	Present	(2012)	60,181	
	Inter.	(2027)	76,637	
	Ultimate	(2042)	97,593	
Per capita supply			90 lpcd + 15% system losses	
Requirements				
Intermediate			7.93 Mld	Present Supply-2.00 Mld Proposed-5.93 Mld
Ultimate			10.10 Mld	Present Supply-2.00 Mld Proposed-8.10 Mld
Head Works.			Collection Well Cum Pumphouse 8.00M Dia. in river Cauvery near Existing Head Works	
Water Treatment Plant			Existing- 2.00 MLD Proposed-8.00 MLD	
Transmission main			Raw Water Main- 250mm dia DI Pipe -20m Clear Water Main-300mm dia DI K9 pipe-11.00 KM	
Sump at Treatment site			3.5 LL Capacity	
Pump house			10mx12mx5m (at the existing sump site)	
Pumpsets			Raw Water- 1590 lpm x 30 m head (Replacement of existing P'set in the existing 2 mld WTP) Raw Water - 4717 lpm x 30 m head Clear Water - 4492 lpm x 77 m head-2 nos. (to existing sump at Poolampatti Road) Sump to OHTs- 6007 lpm x 33 m head	
Feeder mains			100mm,200mm & 250mm DI K9 -7.815 KM	
Service Reservoirs			Existing -Total - 23.30 LL Capacities- 7 Nos. of various capacities	Proposed--14.00 LL Capacities (2.00 LL-1 No.; 3.00 LL-2 Nos. & 6.00 LL -1 No.)

D. System

Existing -96.26 KM
Retained-77.307 KM
Proposed- 25.927 KM (DI pipe) including
replacement of 18.953 KM.(AC & PVC)