

**SALIENT DETAILS**  
**WATER SUPPLY IMPROVEMENT SCHEME TO COONOOR MUNICIPALITY**

Administrative Sanction			G.O.(D) No.85, MA & WS (MA2), Dept, dated 21.02.2011	
Total installation cost			Rs. 1385.00 Lakhs	
Annual Maintenance Charges			Rs. 81.00 Lakhs	
Funds allocation for the installation cost			Loan from JICA	Rs.831.00 Lakhs
			Grant from JICA	Rs.416.00 Lakhs
			ULB Contribution	Rs.138.00 Lakhs
Population	Present	(2012)	54,072	
	Inter.	(2027)	59,472	
	Ultimate	(2042)	62,227	
Per capita supply Requirements			90 lpcd + 15% system losses	
Intermediate			6.16 Mld	Present supply-4.60 Mld Proposed-1.56 Mld
Ultimate			6.44 Mld	Present supply-4.60 Mld Proposed-1.84 Mld
Head Works.			Existing Sources: Ralliah Dam and Bandumi Dam - 4.60 mld Proposed Source: Modified drawal -Ralliah Dam- 4.69 mld	
Water Treatment Plant			Existing: 0.64 Mld ( 0.60 mld at Gray's Hills, 0.88 mld at Mount Pleasant WTP which are no water treatment done at present-Requires replacement) Proposed: 5.80 Mld	
Transmission Gravity main			250mm dia DI K9 -10.00 KM	
Feeder Gravity mains			100mm ,150mm & 200mm dia DI K9-7.52 KM	
Feeder mains-Pumping			100mm &150mm dia DI K9- 7.08 KM	
Service Reservoirs			Exising -Total -20.00 LL Capacities- 36 Nos. of various capacities	Proposed--7.00 LL Capcities ( 1.00 LL-3 Nos& 2.00 LL-2 Nos.)
D. System			Exising -44.84 KM Proposed -Total -37.36 KM ( DI pipes) - 22.49 KM (for uncovered area) - 14.87 KM ( for replacement of existing pipe)	