

**SALIENT DETAILS**  
**C.W.S.S. TO GOUNDAMPALAYAM MUNICIPALITY & VADAVALLI**  
**TOWN PANCHAYAT IN COIMBATORE DISTRICT**

Administrative Sanction		G.O.Ms.No. 367 / MA &WS/ Dt. 6.12.2004 for Rs. 3038 lakhs		
Technical Sanction		CE/WR/CBE/ No. 21 / 2005-06/ Dt. 23.8.2005 for Rs. 2900 lakhs		
1	Population:	Present 2006	Intermediate 2021	Ultimate 2036
a	Goundampalayam Municipality	46984	82000	180000
b	Vadavalli Town Panchayat	24700	41000	76500
	<b>Total</b>	<b>71684</b>	<b>123000</b>	<b>256500</b>
2	Per capita supply in lpcd:		70	70
	Requirements in litres		8610000	1795500
3	Hours of pumping	20 Hours		
	Rate of Requirement(Raw water)		9167 lpm	19167 lpm
	Rate of requirement (Clear Water )		8681 lpm	18105 lpm
5	Head works	<b>Nellithurai</b>		
	Source	River Bhavani in Coimbatore District		
	Intake well cum pump house	1 No		
	Raw water pumpsets – 3 Nos	2 Nos of turbine pump ( 4583 lpm x 61 m ) run Parallel 1 No. Standby ( 100 HP - 3 Nos)		
	Foot Bridge	120m		
	Raw water main	6625m		
	600mm dia MS / PSC pipes			
6	Treatment Plant : @ Chellappanur	23. MLD		
	Clear Water Sump	11.00 LL Capacity		
	Pumpsets – 3 Nos	2 Nos of Centrifugal pumpset of duty ( 4341 lpm x 71 m ) run parallel and 1 No standby ( 100 HP – 3 Nos )		
7	Clear Water Pumping Main			
	700mm PSC 16 Ksc	7700m		
	600mm PSC 16 ksc	23500m		
8	Booster Stations			
a)	Booster Station – I at Veerapandipirivu ( at LS 15650m)			
	Sump Capacity	11.00 LL Capacity		

	Pumpsets – 3 Nos	2 Nos of Centrifugal pumpset of duty ( 4341 lpm x 62 m ) run parallel and 1 No. stand by
b	Booster Station – II At Goundampalayam ( at LS 31200m)	
	Sump Capacity	11.00 LL Capacity
	Pumpsets	
	To Abbas Garden	3446 lpm x 41m – 2 Nos ( 1 No Standby) 50 HP
	To Cheran Nagar	2342 lpm x 26 m – 2 Nos (1 No Standby) 25 HP
	To Vadavalli	2893 lpm x 43m – 2 Nos ( 1 No standby) 40 HP
c	Booster Station III at Kalveerampalayam	
	Sump	60000 lits
	Pumpsts	
	To IOB Colony	412 lpm x 96m – 2 Nos ( 1 No. standby)
	To Bommanampalayam	332 lpm x 31m – 2 Nos ( 1 No Standby)
9	Feeder Mains & Branch Feeder Mains	
a.	For Goundampalayam Municipality	
i)	Feeder Main 1 to Abbas Garden and branches	
	PSC/HDPE/PVC/ AC Pipes	8890m
ii)	Feeder Main II to Cheran Nagar and Branches	
	250-100mm dia HDPE/PVC/AC pipes	32095m
b)	For V adavalli Town Panchayat	
i	350-90mm dia of MS/PSC/HDPE/PVC pipes	6860m
ii	Feeder Main to Bommanampalayam and Branches	
	250-75mm dia HDPE / PVC pipes	5220m
iii	Feeder Main to IOB Colony and Branches	
	150-90mm dia PVC, KSC, GI pipes	3750m
10	Service Reservoirs	
	Goundampalayam	

	5.00 LL to 1.00 LL	11 Nos
	Vadavalli	
	4.00 LL to 0.60 LL	8 Nos
11	Distribution System	
	Goundampalayam	38.29 km
	Vadavalli	35.52 km