

SALIENT DETAILS**CWSS TO 43 HABITATIONS IN THOOTHUKUDI DISTRICT.**

1	Scheme Cost		Rs.964 Lakhs
2	Beneficiaries	:	43 habitations
3	Populations	:	18,821
4	Designed Quantity		2.36 mld
5	Head works with Source details	:	Thamiraparani river at Melamangalapurichi , Infiltration well -4 Nos
6	Pumpset		
a	Type		submersible pumpset
b	Duty		5 HP x 728 lpm x 16 m - 4+4 - stand bye 5 HP x 382lpm x 29 m - 1+1- 3 HP x 279 lpm x 36 m - 1+1 2 HP x 161 lpm x 22 m - 1+1 3 HP x 406 lpm x 20m - 1+1 3 HP x 282lpm x 22m- 1+1 12.50 HP x 1097lpmx 33m - 1+1 5 HP x 350 lpmx 24m - 1+1 1.50 Hp x 161lpm 20m - 1+1
c	Hours of Pumping		16 hours
7	Treatment Plant		-
8	Transmission Main		
a	Pumping main -		350mm PSC Pipe - 23.07 Km 300mm AC Pipe - 3.63 Km 140mm PVC Pipe - 1.84 Km
b	Gravity main		Reach I - 13350m
9	Booster station @ Head work		
a	Sump with capacity		2.00 LL - 3 , 0.50 LL - 1, 0.30LL - 1, 1.00 LL - 1, 0.30 LL - 1.
b	Pumpset details		30 HP - 3000lpm x 28m - 1 No 15 HP - 1456lpm x 28m - 3 Nos
10	Feeder Mains:		-

11	No of Group sump with capacity	2.00 LL- 1, 0.50LL-1,0.30 LL-2 , 1.00 LL - 1 No,0.15 LL-1 No.
12	Service Reservoirs with capacity	1.00 LL-2Nos, 0.60LL-3 Nos, 0.30 LL-14 Nos, 0.10 LL- 1No.

