

SALIENT DETAILS

C.W.S.S. TO 185 HABITATIONS

1	Scheme Cost	Rs.1660 LakhsRs.
2	Beneficiaries	: Habitations - 185 Nos
3	Populations	2,55,000
4	Designed Quantity	2.84 mld
5	Head works with Source	: 3.50 m dia I.W.- 4 nos details
6	Sump with capacity	2.0 Lakhs Litres -1no
6	Pumpset	
a	Type	: 25 HP Sub. - 1 no.(1 no.Standbye)
b	Duty	: 2698 lpm x 25 m
c	Type	: 5 HP Sub. - 4 nos.(4 nos.Standbye)
d	Duty	: 701 lpm x 16 m
c	Hours of Pumping	: 20 hours
7	Treatment Plant	-
8	Transmission Main	
a	Pumping main	P'main- 350 mm PSC, 250 mm AC, 200 mm AC & 160 mm PVC - 45.116 km Br.P'main - 200 mm AC, 160 - 50 mm PVC & 50 , 40 & 32 GI pipes -312.713 km
b	Gravity main	-

9	Booster station	Krishnapuram Pudur
a	Sump with capacity	2.0 Lakhs Litres
b	Pumpset details	35 HP Submersible 2297 lpm x42m
	Booster station	Pudukurichi
c	Sump with capacity	2.0 Lakhs Litres
d	Pumpset details	25 HP Submersible 1526 lpm x59m
	Booster station	Moolakaraipatti
e	Sump with capacity	1.0 Lakhs Litres
f	Pumpset details	15 HP Submersible 779 lpm x48m
10	No of Group sump with capacity	60000 - 1 no (Kadankulam)
		30000 - 5 nos (Muthur, Maruthakulam, Ilayarkulam, Shenbagaramanallur & Alwarkulam)
		10000 - 4 nos (Reddiarpatti, Ayaneri, Ambalam & Kathanadaippu)
11	Service Reservoirs with capacity	60000 - 16 nos.
		30000 - 106 nos
		10000 - 32 nos

**CWSS TO 40 HABITATIONS IN PALAYAMKOTTAI UNION, 143 HABITATIONS IN NANGUNERI UNION AND
2 WAY SIDE HABITATIONS IN KALAKADU UNION IN TIRUNELVELI DISTRICT**

FLOW DIAGRAM

