

SALIENT DETAILS

CWSS TO DEVIKAPURAM & 11 OTHER HABITATIONS IN WEST ARNI & CHETPET UNION OF THIRUVANNAMLAI DISTRICT

1.	Scheme Cost	:	Rs.73.00 Lakhs
2.	Beneficiaries	:	Habitations – 12 Nos.
3.	Populations	:	9682
4.	Total Daily Requirement	:	0.598 mld
5.	Head works with source details	:	Infiltration wells - 2 Nos and Borewell 1 No. In Cheyyer River Near Othalavadi Village. Raw Water main : 150 CI LA - 860m 140 PVC 4 KSC - 1100m
6.	Pumpset	:	Pallacherry IW - 5 HP Submersible 2 No (534 lpm x 25 m) Othalavadi I.W – 5 HP Submersible 2 No (525 lpm x 25m) Duty Headworks Sump : 20 HP Submersible pumpset 2 Nos. (840 lpm x 80m)
c.	Hours of Pumping	:	12 Hours
7.	Transmission Main	:	200mm CI 'A' Class – 900m
a.	Pumping main	:	150mm AC CI 15 - 2980 m 140 PVC 6 KSC - 2586 m 140 PVC 4 KSC - 1580 m Total 8846 m
8.	Feeder main	:	90mm OD PVC – 4.92k m. 75mm OD PVC - 1.12km
9.	Service Reservoirs with capacity	:	Devigapuram 150,000 Devigapuram HC 30,000 Narasingapuram 30,000 Narasingapuram HC 10,000 Jothi Nagar 30,000 Kudimithangal Veerasambanur & HC 30,000 Pathiyavaram & Mettukudisai 60,000 Pallacheri 10,000 Othalavadi 30,000 TOTAL 9 SRS