

## **SALIENT DETAILS**

### **C.W.S.S. TO Kavalkinaru,vadakkankulam and 13 rural habitations**

1	Scheme Cost	Rs.114 Lakhs
2	Beneficiaries	: Habitations - 15 Nos
3	Populations	: 17,623
4	Designed Quantity	0.534 mld
5	Head works with Source details	: 6.80 m dia RCC Ringwell - 18 m depth at D/S side of Kodumudiyar Dam
6	Pumpset	
a	Type	a) Submersible Pumpset
b	Duty	a)15HP X 582 LPM X 71m Head-1 No with standby
c	Hours of Pumping	a)16 Hours
7	Treatment Plant	Nil
8	Transmission Main	
a	Pumping main	8.70 km
b	Gravity main	.---
9	Booster station	Main booster - 1 Nos, Way side booster -2 Nos,

- a Sump with capacity 0.10 LL - 1 No (Peak Point)  
0.30 LL -2  
Nos(Vadakkankulam,Kavalkinaru)
- b Pumpset details **Kavalkinaru**  
Submersible Pumpset - 287 lpm x 27m-1 no  
with standby  
**Vadakkankulam**  
Submersible Pumpset - 278 lpm x 9m-1 no  
With stanbye

10 Feeder Mains/Branch  
pumping line 14.60 km

11 Service Reservoirs with capacity	SR	Existing	New	Total
10000lit	3	0	3	
30000lit	6	0	6	
60000lit	3	0	3	
100000lit	2	0	2	
			Total	14 nos

CWSS TO KAVALKINARU AND VADAKANKULAM IN TIRUNELVELI DISTRICT

**FLOW DIAGRAM**

