

**SALIENT DETAILS****CWSS to SINDALAKARAI in Kovilpatti & Vilathikulam Union of Thoothukudi District**

1	Scheme Cost		Rs 12.77 Lakhs
2	Beneficiaries	:	Rural habitations -4
3	Populations	:	1808
4	Designed Quantity		0.072 mld
5	Head works with Source details	:	3.50 m dia Infiltration well at Vaippar river near Muthulapuram - 1 No.
6	Pumpset	:	3 HP
a	Type	:	Submersible Pump set
b	Duty	:	175 lpm X 40m
c	Hours of Pumping	:	12 Hours
7	Transmission Main	:	-
a	Pumping main	:	110 mm PVC 4 KSC pipes - 4200M 90 mm PVC 4 Ksc - 2280 M 63mm PVC 4 Ksc - 4445M

b	Gravity main	:	-
8	Booster station	:	Muthulapuram
a	Sump with capacity	:	Muthulapuram - 30000 Litre - 1 No. Sindalakarai - 10000 lit - 1 No.
b	Pumpset details	:	1. Muthulapuram 3HP sub. 150 Lpm x 40m 2a. Sindalakarai 2 HP Sub. 75 lpm x 40 m 2 HP Sub. 50 lpm x 25 m
9	Feeder Mains:	:	-
10	Service Reservoirs with capacity	:	1. Duraisamipuram 10000 lit SR -1 2)Sindalakarai 30000 lit SR - 1 3.R.Venkateswarapuram 30000 lit 1 4.Ramanoothu 30000 lit - 1

SINDALAKARAI CWSS IN KOVILPATTI & VILATHIKULAM UNION OF THOOTHUKUDI DIST.



