

## SALIENT DETAILS

### **CWSS TO KADAMBUR, VILATHIKULAM, PUDUR T.PS AND 180 WAYSIDE HABITATIONS IN THOOTHUKUDI DISTRICT**

- 1 Scheme Cost : Rs.2747.35 Lakhs.
- 2 Beneficiaries : 3 TP's and 180 rural habitations.
- 3 Populations : 1,53,867
- 4 Designed Quantity : 6.11 mld
- 5 Head works : 7 Nos - 3.50 dial - infiltration well,
- 6 Pumpset
  - a Type **HW @seevalaperi -**  
10HP sub.p'set-5Nos  
7.50 HP sub.p'set-2Nos.
  - b Duty (985lpmx 22m head) & (900 lpm x  
23m head)
  - c Hours of Pumping 24 hours
- 7 Treatment Plant ----
- 8 Transmission Main
  - a Pumping main - 98656 M  
(350mm PSC , 300mm AC, 250mm  
AC, 200mm AC, 150mm AC, 140mm  
PVC )
  - b Gravity main ---
- 9 Booster station 13 Nos
  - a Sump with capacity 3.00L -2, 1.50 LL - 3, 1.00LL -4 Nos,  
0.75 LL - 1, 0.35 LL - 1, 0.30 LL - 2

b Pumpset details

**BS @ Lakshmipuram-**

50HP Cent.p'set -1No,  
20 HP centri.p-1 No.

**BS @ Manyachi -**

50HP cent.p'set-1No,  
40HP centr.p'set-1 No,  
20 HP cent.p'set - 1 No

**BS @ jegaveerpandiapuram**

50 HP cent.p'set -2Nos  
5 HP cent.p'set - 2 Nos

**BS @ Pillayarnatham**

12.50 HP sub.pset-1 No  
5 HP sub.p'est =2 Nos.  
3 HP sub.p'set - 1 No

**BS @ Vilathikulam**

12.50 HP .cent.p'set- 2 Nos.  
1 HP sub.p'set = 1 No.

**BS @ Guruvarpatti**

25 HP cent.p'set-1 No

**BS @ Pudur**

5 HP sub.p'set- 2 Nos  
3 HP sub.p'set - 2 Nos

**BS @ Duraisamipuram**

5 HP cent.p'set - 2 Nos.

10 Feeder Mains:

.-

11 No of Group sump with capacity

6 Nos. 1.00 LL - 1 ,0.30LL -2 Nos,  
0.10 LL - 3Nos

12 Service Reservoirs with capacity

3.00 LL - 1, 2.00 LL - 2, 1.00 LL - 3,  
0.50 LL - 2, 0.30 LL - 46 , 0.15  
LL - 8 , 0.10 LL - 95.

KADAMBUR GNSS  
FLOW DIAGRAM

