

## SALIENT DETAILS

### CWSS TO KALAVAI T.P AND 3 OTHER RURAL HABITATIONS IN RANIPET DISTRICT

- 1 Scheme Cost : Rs.721 Lakhs
- 2 Administrative Sanction : 1) G.O. MS No 117 / dt 29.8.2000  
2) BP MS No 228 / dt 8.12.2000  
Kalavai T.P - Rs105.29 Lakhs  
Thimiri T.P - Rs 252.19 Lakhs  
Rural Habs - Rs 363.52 Lakhs  
Total - Rs 721.00 Lakhs
- 3 Technical Sanction : CE/NR/CER No.30/2000-2001 Rs 702.00 Lakhs
- 4 Beneficiaries : Town Panchayat – 1 No  
Habitations – 3 Nos

Soraiyur : 3 Nos

SI.No	Population (Habitation/Town wise)	Present year 1996	Intermediate year 2011	Ultimate year 2026
A	Kalavai Town Panchayat	10269	12000	14000
Requirement @70 lpcd		718830	840000	980000
Less existing Supply		(-)400000	(-)400000	(-)400000
Balance Requirement		318830	440000	580000
B	Rural Habitations Thimiri Union			
	1) Old Soraiyur	200000	200000	200000
	2) Soraiyur Colony			
	3) Pudu Soraiyur			
Total Requirement		538830	640000	780000

- 5 Designed Quantity : 0.80 mld
- 6 Head works
  - a) Source : 4.5m dia Infiltration wells – 7Nos – River Cheyyar
  - b) Yield of the source : 800 Lpm in each well (at present 2 nos not working)

due to dry condition)

- c) Clear Water
- i) Sump : 2.00 Lakhs Lit
  - ii) Pumpset : Submersible Pumpsets for I.W  
5.00 HP – 715 Lpm x 16m – 7 Nos x 2  
Open well submersible Pumpset  
10.00 HP – 2530 Lpm x 43m – 1No x 2  
(To Kalavai Booster)  
End Suction – 7.50 HP – 420 Lpm x 40m – 1 No x 2  
(To Rural Habitations)
- 5      iii) Pumping Main : 350mm dia PSC CI.15 – 12974.00m and  
250mm dia AC.CI.15 – 992.00m  
- **13966.00m**
- 6      No. of Booster Stations : 1 No
- i) 1) Booster Station 1 (Kalavai Booster)
- i) Sump : 2.00 Lakhs Lit.
  - ii) Pumpset : (To Kalavai 1.00 LL S.R)  
5.00 HP – 185 Lpm x 46m – 1 No x 2  
(To Rural Habitations)  
Submersible Pumpset  
3.00 HP – 436 Lpm x 18m – 1 No x 2
- 7      Service Reserviors : Rural Habitations
- i) Old Soraiyur - 60,000 Lit – 1 No (New)
  - ii) Soraiyur Colony- 30,000 Lit – 1 No (New)
  - iii) Pudu Soraiyur- 60,000 Lit – 1 No (New)
  - iv) From Kalavai Booster to Rural Habitations  
140mm OD PVC 4KSC Pipe - 2847.00m  
110mm OD PVC 4KSC Pipe - 492.00m  
90mm OD PVC 4KSC Pipe - 3396.00m  
**6735.00m**
- v) Kalavai Town Panchayat
- i) Kalavai Town – 1.00 Lakh Lit – 1 No (New)
  - ii) Kalavai Town – 1.50 Lakh Lit – 1 No (Exist)
  - iii) Kalavai Town – 1.00 Lakh Lit – 1 No (Exist)

# **CWSS TO KALAVAI TP - TIMIRI TPS AND 38 RURAL HABITATIONS IN VELLORE DISTRICT**

