

## **C.W.S.S.TO ARAPADITHEVANPATTI AND OTHER HABITATIONS**

1	Scheme cost	Rs.36.24 Lakhs
2	Beneficiaries	Habitations – 28 Nos.
3	Population	14768
4	Designed Quantity	1.15 mld
5	Head works with source details	Infiltration Well -2Nos. (4.50 dia-1No. & 3.50m-1No.)
6	Pumpset	Infiltration well :  7.5 HP x 350lpm x 50m -1No. (submersible)  5 Hp x 500lpm x 40m -1No. (submersible)  Pumproom at collection well:  30HP x 1000 lpm x80m -2Nos(submersible)  15HP x 600 lpm x75m -2Nos(submersible)
7	Hours of Pumping	16Hours
8	Transmission Main	
a	Pumping main	1)150mm CI LA Class pipe-150m 2)160mm PVC 6Ksc pipes-1050m 3) 160mm PVC 6Ksc pipes-4650m 4) 90mm PVC 6Ksc pipes-1683m
9	Booster station	
a	Sump with capacity	1)0.100 lakh litres at Karattuppatti, 2)0.10Lakh litres at Ka.Vilakku

- 3) 0.30Lakh litres at Renganathapuram
  - 4) 0.10Lakh litres at Rengasamudram AD colony.
- b Pumpset details
- 5 HPx125 lpmx50m Cent.- 1 No.
  - 5 HP x 400 lpm x 25m O.W.Sub.- 1No.
  - 12.50 HP x 429 lpm x 33m - Sub.-2Nos.
  - 2 HP x 50 lpm x 50m - Sub -1 No.
- 10 Feeder mains
- 1)50mm PVC 4Ksc pipes-1450m
  - 2) 63mm PVC 4Ksc pipes-1730m
  - 3) 90mm PVC 4Ksc pipes-1270m
- 11 Service Reservoirs with capacity
- 10,000 Lit. – 8 Nos.
  - 15,000 Lit. - 5 Nos.
  - 20,000 Lit. - 1 No.
  - 30,000 Lit. –13 Nos.
  - 60,000 Lit. –1 No.

