

SALIENT DETAILS

C.W.S.S. TO Panagudi UTP ,Vadaku Valliyoor UTP and 167 rural habitations in Tirunelveli District.

- 1 Scheme Cost Rs.1670.60 Lakhs
- 2 Beneficiaries : Town Panchayat - 5 Nos
Habitations - 163 Nos
- 3 Population : 1,93,680
- 4 Designed Quantity 9.16 mld
- 5 Head works with Source details : 8 Nos of 4.50m dia infiltration wells at Cheranmadevi Head works (Sub surface water from Thamirabarani river)
- 6 Pumpset
 - a Type a) HSC- Centrifugal Pumpset
b) Submersible Pumpset
 - b Duty a)150HP X 7428LPM X 60m Head-1 No with standby
b) 5 HP X 930 LPM X 12m Head - 8 Nos with standby
 - c Hours of Pumping a)20 Hours+ 40 Min
b)20 Hours+ 40 Min
- 7 Treatment Plant Nil

8	Transmission Main					
a	Pumping main	39.54 km				
b	Gravity main	7.94 km to Panagudi 15.96 km to kannanallur				
9	Booster station	Main booster - 3 Nos, Way side booster - 6 Nos, Stand Post - 1 No				
a	Sump with capacity	3 LL - 3 Nos, 2 LL - 3 Nos, 1 LL - 1 No 0.60 LL - 2 Nos 0.30 LL - 1 No				
b	Pumpset details	Centrifugal pumpset (HSC) - 6 Nos, Centrifugal mono block pumpset - 16 Nos,				
10	Feeder Mains/Branch pumping line	192.49 km				
11	Service Reservoirs with capacity		SR	Existing	New	Total
		10000 lit		0	25	25
		30000 lit		15	14	29
		60000 lit		08	06	14
		100000 lit		0	03	03
		200000 lit		0	01	01
		700000 lit		0	01	01
						Total 73

FLOW DIAGRAM - CWSS to Panakudi UTP Vadakkuvaliyoor UTP & 165 habitations

