

SALIENT DETAILS

CWSS TO VANAPADI AND 14 OTHER HABITATIONS IN RANIPET DISTRICT

- 1 Scheme Cost : Rs.197.00 Lakhs
- 2 Beneficiaries : Habitations –13 Nos
- 3 Designed Quantity : 1.15 mld
4. Population : 20332
- 5 Head works : At Thakkampalayam
- a) Source :
 - 1) Infiltration wells @ River Ponnai- 2Nos
Dia : 3.5m
Depth : 6m
Yield : 800 lpm
 - 2) Infiltration wells @ River Ponnai- 1No
Dia : 3.5m
Depth : 10m
Yield : 1000 lpm

At Gugaiyanallur

 - 1) Infiltration wells @ River Ponnai- 1No
Dia : 4.5m
Depth : 12m
Yield : 600 lpm
 - 2) Infiltration wells @ River Ponnai- 1No
Dia : 4.5m
Depth : 12m
Yield : 600 lpm
- 6) Pumpset :
 - 1) 7.5HP Submersible Pumpsets for I.W – I & II
800 Lpm x 20m @ Thakkampalyam
 - 2) 10HP Submersible Pumpsets for I.W - III
800 Lpm x 30m @ Gugayanallur 1 no
 - 3) 7.5HP Submersible Pumpsets for I.W - IV
500 Lpm x 40m @ Gugayanallur 1 no
 - 4) 30HP C.F Pumpset for I.W
1600 Lpm x 50m @ Sump

7	Sump with Capacity	:	50000 Lit @ Thakkampalayam	
8	Hours of Pumping	:	16Hr	
9	Transmission Main	:	-	
10	Pumping main	:	250mm CI LA	- 158m
			250mm Ac CL 15	- 4398m
			200mm Ac CL 15	- 3821m
			140 OD pvc 4ksc	- 1339m
			110 OD pvc 4ksc	- 664m
			63 OD pvc 4ksc	- 3920m
			Total	14280m

7	Service Reserviors	:	Rural Habitations	
			1) 100000 Lit —4 No	
			2) 60000 Lit —4 No	
			3) 30000 Lit —7 No	
			4) 10000 Lit —1 No	

CWSS TO VANAPADI AND 14 OTHER HABITATIONS IN

