

SALIENT DETAILS

CWSS TO ALAPAKKAM AND 21 OTHER HABITATIONS VILLUPURAM DISTRICT

1. Scheme Cost	:	
A) Installation Cost	:	Rs. 158.59 Lakhs
B) Annual Maintenance Cost	:	Rs. 6.40 Lakhs
2. Administrative Approval No & Amount :		G.O MS No. 597 dt 24-10-2005 for Rs. 158.59 Lakhs
3. Technical sanction No & Amount	:	
4. Beneficiaries	:	17 Rural Habitations
5. Population		
a) Present (2006)	:	11,093
b) Intermediate (2016)	:	12,203
c) Ultimate (2031)	:	13,310
6. Level of Service	:	40 lpcd
7. Designed Quantity (2006)	:	0.44 MLD
b) Intermediate (2016)	:	0.49 MLD
c) Ultimate (2031)	:	0.53 MLD
8. Year of completion & Commissioning :		11/2008 & 11/2009
a) Original Scheme	:	11/2009
b) Improvement Scheme	:	-
9. Head works with source details	:	Borewell 1 – 150 mm dia 33 m depth 198 lpm yield Borewell 2 – 150 mm dia 21 m depth 164 lpm yield Borewell 3 – 150 mm dia 42 m depth 235 lpm yield Head works Sump 30,000 lits - 1 No
10. Pumpset		
a) Type	:	1) 4 HP Submersible P' Set 2) 5 HP Open well Submersible P' Set
b) Duty	:	1) 127 lpm X 29 m Head(3) 2) 509 lpm X 29 m Head (1+1)
c) Hours of Pumping	:	16 Hours
11. Treatment Plant (With unit details)	:	- Nil-
12. Transmission Main		
a) Pumping Main	:	160 mm PVC Pipe - 1434 m 140 mm PVC Pipe - 2406 m 110 mm PVC Pipe - 693 m 90 mm PVC Pipe - 636 m
Total		5169 m
b) Gravity Main	:	-NIL-
13. Booster Station	:	-
a) Sump with capacity	:	-
b) Pumpset Details	:	-
14. Feeder Mains	:	90 mm PVC pipe 3500 m 63 mm PVC pipe 1215 m 50 mm PVC pipe 11268 m
Total		15983 m
15. No. of Group sump with capacity	:	-Nil-
16. Service Reservoirs with capacity	:	

1,00,000 Lits – 1 No,	60,000 Lits - 1 No
30, 000 Lits – 9 Nos	10,000 Lits - 6 No

	17 Nos

17. Separate Power feeder main	:	- Not Available –
18. Distribution System	:	-Nil-

Total End Habitations	:	2 Nos
	:	1.Kaliyankuppam -30000 lits
		2.Panichamedukuppam- 30000 lits