

SALIENT DETAILS
CWSS TO GINGEE-ANANTHAPURAM AND 10 OTHER HABITATIONS VILLUPURAM DISTRICT

1. Scheme Cost	:	
A) Installation Cost	:	Rs. 638.00 Lakhs
B) Annual Maintenance Cost	:	Rs. 11.70 Lakhs
2. Administrative Approval No & Amount :		G.O MS No. 30/MA&WS dt 30-01-1997 for Rs. 638.00 Lakhs (Revised)
3. Technical sanction No & Amount	:	
4. Beneficiaries	:	2 Town Panchayats & 10 Rural Habitations
5. Population		
a) Present (1997)	:	50,532
b) Intermediate (2012)	:	50,532
c) Ultimate (2027)	:	85,780
6. Level of Service	:	40 lpcd & 70 lpcd
7. Designed Quatity (1997)	:	1.62 MLD
b) Intermediate (2012)	:	2.64 MLD
c) Ultimate (2027)	:	2.75 MLD
8. Year of completion & Commissioning:		04/1997
a) Original Scheme	:	04/1997
b) Improvement Scheme	:	-
9. Head works with source details	:	Infiltration well -4 Nos – 4.5 m dia 6.00 m depth 1000 lpm Head works Collection Sump- 1,30,000 lits - 1 No Bore well- 4 Nos 200mm dia 20 m Depth 700 Lpm X20 m H (10 HP)
10. Pumpset in Infiltration wells & Borewells		
a) Type & Duty	:	3 HP Submersible P' Set 775 lpm X 9 m Head (4+1) : 10 HP Submersible pump set 700 lpm X 20 m Head (4) : 40 HP Turbine P' Set 3100 lpm X 40 m Head (1+1)
c) Hours of Pumping	:	20 Hours
11. Treatment Plant (With unit details)	:	- Nil-
12. Transmission Main		
a) Pumping Main(New pumping main)		350 mm DI K7 Pipe LS 0-2800 350 mm DI K7 Pipe LS 2800-2930 350 mm PSC 8 KSC Pipe LS 2930-5250 350 mm AC CL10 Pipe LS 5250-6160 350 mm DI K7 Pipe LS 6160-6410 350 mm DI K7 Pipe LS 6410-8500 350 mm PSC 8 KSC Pipe LS 8500-9140 350 mm AC CL10 Pipe LS 9140-9730 350 mm DI K7 Pipe LS 9730-12130 350 mm DI K7 Pipe LS 12130-12580 350 mm AC CL.10 Pipe LS 12580-22625 300 mm AC CL.10 Pipe-LS22625-40630m 250 mm AC Pipe-LS 40630- 48605 m 200 mm AC Pipe-LS48905-49985 m

a) Pumping Main	:	350 mm DI K7 Pipe -8120 m	
	:	350 mm PSC 8 KSC -2960m	
	:	350 mm AC Pipe - 11545 m	
	:	300 mm AC Pipe - 18,005 m	
	:	250 mm AC Pipe - 7975 m	
	:	200 mm AC Pipe - 1380 m	
Total			49,980 m
b) Gravity Main	:	-NIL-	
13. Booster Station	:	1) At Mugaiyur	
a) Sump with capacity	:	1,00,000 Lits - 1 No	
b) Pumpset Details	:	25 HP Cent P'Set 3100 lpm X 25 m Head (1+1)	
	:	2) At Udayanatham	
	:	1,00,000 Lits - 1 No	
	:	40 HP Cent P'Set 2500 lpm X 38 m Head (1+1)	
	:	3) At Athiyur	
	:	1,00,000 Lits - 1 No	
	:	15 HP Cent P'Set 1576 lpm X 24 m Head (1+1)	
	:	4) At Melvalai	
	:	1,00,000 Lits - 1 No	
	:	10 HP Submersible P'Set 770 lpm X 45 m Head (1+1)	
14. Feeder Mains	:	-	
15. No. of Group sump with capacity	:	-Nil-	
16. Service Reservoirs with capacity ;			
		6,00,000 Lits – 1 No,	2,50,000 Lits - 1 Nos
		1,00, 000 Lits – 7 Nos	60,000 Lits - 3 Nos
		30,000 Lits – 4 Nos	10,000 Lits - 1 No
17. Separate Power feeder main	:	Available for Head works & Booster Stations	
18. Distribution System	:	-Nil-	

SALIENT DETAILS

CWSS TO ODDAMPATTTU AND 10 OTHER HABITATIONS VILLUPURAM DISTRICT

1. Scheme Cost	:	
A) Installation Cost	:	Rs. 79.85 Lakhs
B) Annual Maintenance Cost	:	Rs. 10.00 Lakhs
2. Administrative Approval No & Amount :		M.D/TWAD/Chennai Pro.No. F Oddampattu/JE6/ PD/2001 dt 26-03-2002
3. Technical sanction No & Amount	:	
4. Beneficiaries	:	11 Rural Habitations
5. Population		
a) Present (2001)	:	19421
b) Intermediate (2016)	:	19421
c) Ultimate (2031)	:	26,092
6. Level of Service	:	55 lpcd
7. Designed Quar (2001)	:	1.07
b) Intermediate (2016)	:	1.07
c) Ultimate (2031)	:	1.43
8. Year of completion & Commissioning:		12/2004
a) Original Scheme	:	-
b) Improvement Scheme	:	12/2004
9. Headworks with source details	:	Infiltration well – 3.75 m dia 7.25 m depth 1088 lpm yield Infiltration well – 4.50 m dia 11 m depth 1000 lpm yield Collection Sump 85000 Litrs
10. Pumpset		
a) Type	:	1) 30 HP Sub P' Set (1+1) 2) 7.5 HP Sub P' Set(1+1) 3) 5 HP Sub P' Set(1+1)
b) Duty	:	1) 1110 lpm X 68 m Head 2) 385 lpm X 41 m Head 3) 700 Lpm x 20m Head
c) Hours of Pumping	:	16 Hours
11. Treatment Plant (With unit details)	:	- Nil-
12. Transmission Main		
a) Pumping Main	:	250 mm DI K7 Pipe 4110
	:	200 mm DIK7 Pipe 4380
Total		8490
13. Booster Station	:	At Veerapandi
a) Sump with capacity	:	10,000 litres
b) Pumpset Details	:	10 HP Submersible Pump Set 448 lpm X47 m Head(1+1) 5 HP Submeresible Pump Set 405 lpm X21 m Head(1+1)
14. Feeder Mains	:	
15. No. of Group sump with capacity	:	-Nil-
16. Service Reservoirs with capacity	:	1,00,000 Lits -2 Nos 60,000 Lits – 3 Nos 30,000 Lits – 7 Nos
		Total- 12 Nos
17. Separate Power feeder main	:	Available for Headworks and Booster Station
18. Distribution System	:	-Nil-

