

## **SALIENT DETAILS**

### **CWSS TO VETTAVALAM AND VAIPUR HABITATIONS IN KEELPENNATHUR UNION OF THIRUVANNAMLAIR DISTRICT**

1.	Scheme Cost	:	
	a) Installation Cost	:	Rs.240.00 Lakhs
	b) Annual Maintenance Cost	:	Rs.
2.	Administrative approval No. & Amount	:	G.O. Ms. No.117 (MAWS) WSI/Dt. 24.08.2000 For Rs.243.30 Lakhs
3.	Technical sanction No. & Amount	:	CE/NR –CER No.13/2000 -2001 for Rs.240.00 Lakhs
4.	Beneficiaries	:	Vettavalam RTP and Vaipur
5.	Population	:	
	a) Present	:	19732
	a) Intermediate (Year 2011)	:	21000
	b) Ultimate (2026)	:	28825
6.	Level of Service	:	70 lpcd for RTP & 55 lpcd for Village Panchayat
7.	Designed Qty	:	
	a) Present	:	13.40 LL
	a) Intermediate (Year)	:	14.95 LL
	b) Ultimate (Year )	:	19.55 LL
8.	Year of completion & Commissioning	:	
a.	Original Scheme	:	1984
b.	Improvement Scheme	:	2002
9.	Head works with source details	:	Infiltration well in River Thenpennaiyar near Arakandanallore – Villupuram District. Dia 3.50m Depth 3.00m Yield -1000 lpm Pump Room – 1 No.
10.	Pumpset	:	20. HP Submersible – 840 lpm x 70 m -2 Nos.
a.	Type	:	
b.	Duty	:	
c.	Hours of Pumping	:	20 Hours
11.	Treatment Plant (with Units details)	:	Nil
12.	Transmission Main	:	200mm CI 'A' Class – 4710m
a.	Pumping main	:	200mm AC CI 15 - 4230 m
			<b>Total 8940m</b>
13.	Booster Station	:	Veerapandi
a.	Sump with capacity	:	1.00 LL
b.	Pumpset details	:	25 HP Centrifugal – 840 lpm x 67m 15 HP Centrifugal HSC – 410 lpm x 60m
c.	Booster main	:	200mm CI A Class – 300m 200mm CI LA Class -1500m 200mm AC CL 15 – 2700m Total - 7200m

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|-----|----------------------------------|---|---|
| 14. | Feeder main                      | : | 90mm OD PVC – 750 m.                                    |
| 15. | No. of Group sump with capacity  | : | - Nil   |
| 16. | Service Reservoirs with capacity | : | - Vaipur 1.00 LL 1 No.<br>Vettavalam RTP 3.00 LL 2 Nos. |
| 17. | Separate power feeder main       | : | Available   |
| 18. | Distribution system              | : | 90mmOD PVC -3000 m.                                     |

