

SALIENT DETAILS

Name of Scheme	:	CWSS to Senji and 28 Other Habitations In K.V. Kuppam Union in Vellore District
Installation Cost	:	Rs. 82.90 Lakhs
Annual Maintenance Cost	:	Rs. 3.00 lakhs
Administrative Approval	:	MD/TWAD/Chennai Proc.No. F.Senji & 28 Hab. /JE6 P & D/2007 dt 01.10.2007 Rs. 82.90 lakhs to install and Rs. 3.00 lakhs to maintain annually.
Per Capita Cost	:	Rs. 846/-
Cost per 1000 Lits	:	Rs. 5.50
Technical Sanction	:	Superintending Engineer / TWAD / VLR Lr.F.Senji/D2/07/dt. 04.10.07 Rs. 85.58 lakhs
Requirement	:	4.62 lakhs litres per day (intermediate) or 780 lpm for 12 hrs pumping 5.70 lakhs litres per day (ultimate) or 822 lpm for 12 hrs pumping
Source	:	open well 4.50m dia & 15m depth – 2 Nos. @ Rajathoppu
Yield	:	425 lpm in each open well
Pumpset	:	In open well @ Rajathoppu i) Duty 390 lpm x 35 m head – 4 Nos. (including standby)
Short Raising Main	:	125 mm GI pipes – 380 m
Control Room	:	i) AT Rajathoppu Head works 1.5 m x 1.5 m – 1 No.
Stand Post	:	i) 3.00 LL – 1 No. (with 6.0m staging height) @ Rajathoppu Head Works
Conveying Main	:	i) 110 mm OD PVC 4 KSC pipe 1790 m ii) 110 mm OD PVC 6 KSC pipe 562 m iii) 90mm OD PVC 4 KSC pipe 1790 m iv) 90mm OD PVC 6 KSC pipe 1402 m v) 75mm OD PVC 4 KSC pipe 1420 m vi) 75mm OD PVC 6 KSC pipe 1549 m vi) 63mm OD PVC 4 KSC pipe 7011 m vii) 63mm OD PVC 6 KSC pipe 12120 m

Total 27644 m

Over head Tanks
Proposed : i) 10,000 Lit – 1 No. at Senji AC
ii) 10,000 Lit – 1 No. at Venkatapuram AC
iii) 10,000 Lit – 1 No. at Abbaipettai
iv) 10,000 Lit – 1 No. at Arumbakkam Mottur AC
v) 10,000 Lit – 1 No. at Erikodi
vi) 30,000 Lit – 1 No. at Ayakulam

Existing : 60,000 Lit capacity – 3 Nos
30,000 Lit capacity – 18 Nos
10,000 Lit capacity – 2 Nos

Total 23 Nos.

Distribution System

			PFs
A) Proposed	:	1. Venkatapuram 0.25 KM 2. Senji 0.50 KM 3. Abbaipettai 0.30 KM 4. Arumbakkam Mottur AC 0.50 KM 5. Ayakulam -- 6. Erikodi --	1 2 2 2 4 1
		TOTAL	1.55 KM 12 Nos.
B) Existing		29.38 Km	

**CWSS TO SENJI AND 28 OTHER HABITATIONS
IN K.V.KUPPAM UNION IN VELLORE DISTRICT
FLOW DIAGRAM**

