

SALIENT DETAILS

Name of Scheme	: CWSS to Sholamur and 25 other habitations in K.V.Kuppam union in Vellore District
Name of Beneficiaries	: Sholamur Panchayat - 8 Habitations Vaduganthangal Panchayat - 4 Habitations Annangudi Panchayat - 1 Habitations Kothamangalam Panchayat - 6 Habitations Vilunthakal Panchayat - 2 Habitations Latheri Panchayat - 5 Habitations
Population Benefited	: 13060 (2009) 14372 (2024) 15678 (2039)
Requirement of water	: 5.17 Lakhs Litres per day (Present) 6.24 Lakh Litres per day (Intermediate) 6.81 Lakhs Litres per day (Ultimate)
Head works	:
Source	: Infiltration well 4.5m dia & 14 m depth – 1 No @ Thirumani
Discharge expected	: Infiltration well – 650 Lpm
Pump Room	: 4.00 m x 3.00 m - 1 No.

Openwell type submersible :
pumpset

To Kanagasamudiram
Annangudi, Vizunthagal
and Latheri Panchayats
Part) **(i) Duty 176 Lpm x 50m head – 2 Nos**
(including standby)

(I) Duty 176 lpm x 50m – 2Nos
(including standby)

To Ranganpettai
(Sholamur Panchayat)

To Anjugam Nagar Booster
Station
(Kothamangalam,
Vaduganthangal
Panchayats Part)

(ii) Duty 233 x 54 m head – 2 Nos
(including standby)

Booster Station :

Ground Level Sump at
Anjugam Nagar **10,000 Lits**

Control Room **: 1.5m x 1.5m**

Open well type sub
mersable pumpset **Duty 126 lpm x 40 M - 2 Nos.**

Pumping main / Branch
Pumping Main / Feeder
Main & Booster Main **:**
110mm OD PVC 6 KSC Pipes – 1230 m
110mm OD PVC 4KSC Pipes – 13632 m
90mm OD PVC 4 KSC Pipes – 1620 m
75mm OD PVC 4 KSC Pipes – 2479 m
63mm OD PVC 4 KSC Pipes – 12358 m

Total 31319 m

Service Reservoir

30000 Lit Capacity 6 m Staging height – 4 Nos

10000 Lit Capacity 6 m Staging height – 2 Nos

Distribution System

Public Fountains

A) Madagumedu	= 500 m	2
B) Anjugam Nagar	= 818 m	3
C) Kilmuttukur Road side houses	= 1000 m	4
D) Vadavirinjipuram Irular colony	= 312 m	1
Total	= 2630 m	10 Nos

Cost

Administrative Sanction -- Rs.95.30 Lakhs

Technically Sanction -- Rs.95.30 Lakhs

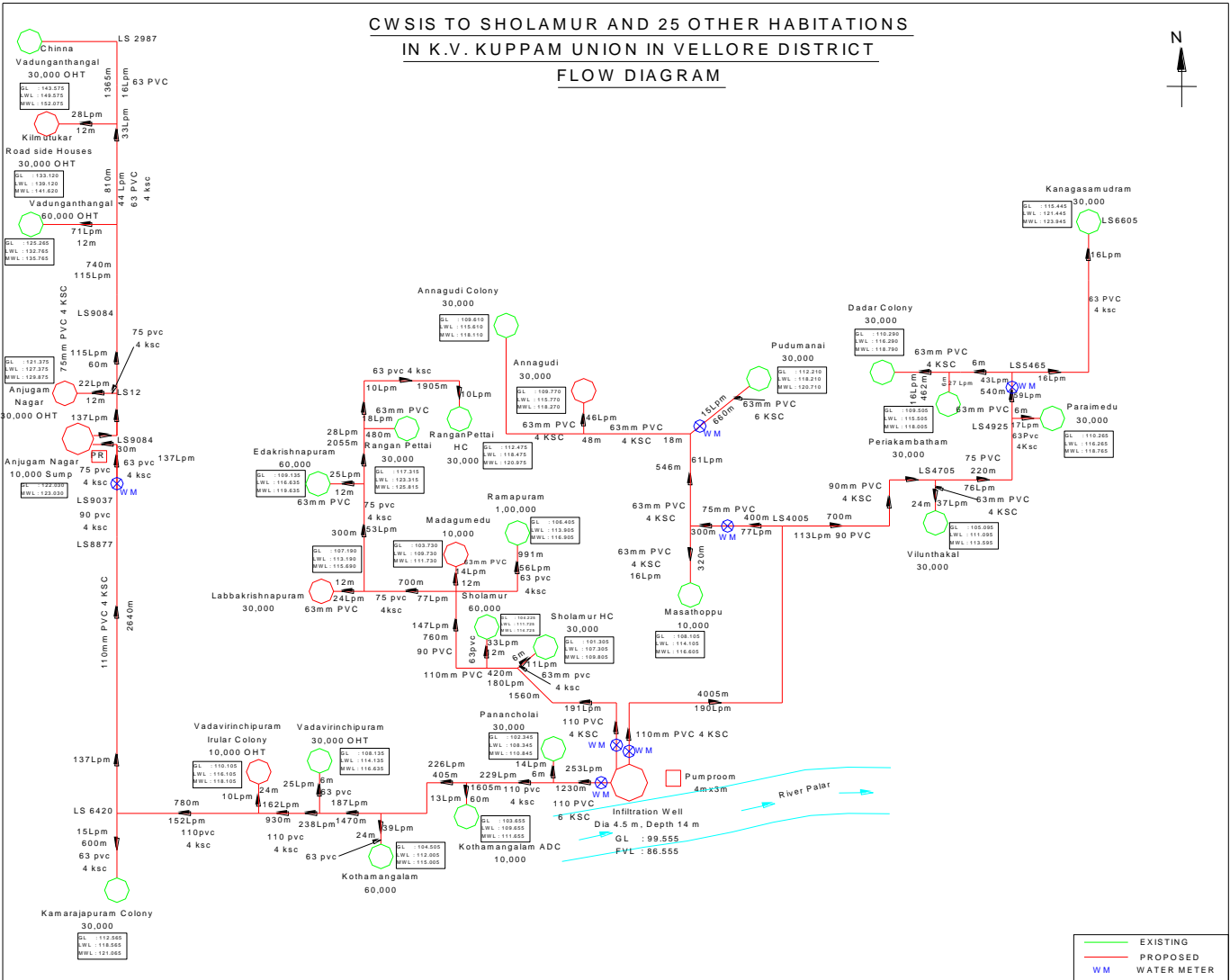
Cost of Installation – Rs. 95.30 Lakhs

Annual Maintenance Cost Rs. 5.45 Lakhs

Per Capita Cost Rs. 798.

Cost Per 1000 Lit Rs. 6.00

**CWSIS TO SHOLAMUR AND 25 OTHER HABITATIONS
IN K.V. KUPPAM UNION IN VELLORE DISTRICT
FLOW DIAGRAM**



—	EXISTING
—	PROPOSED
○	WATER METER