

CWSS to SETHUVANDAI & 4 other habitations in KV Kuppam union

1. NAME OF BENEFICIARIES

Sl.No	Panchayat	Sl.No	Habitations	Population benefited		Total	Requirement in Lakhs Lit/daily
				Others	SC/ST		
1		1	Netteri	290	580	870	34800
2	Veppur	1	Veppur Colony		1650	1650	66000
		2	Gudiyatham RS	250		250	10000
		3	Narikuravur Colony		750	750	30000
3	Sethuvandai	1	Sethuvandai	2370		2370	94800
			Total			5890	

2. SALIENT DETAILS

- a Sources Infiltration well @ river palar near
Hyderpuram - 1No &
Karuthampattu - 1No
Dia 4.5m
depth 8.25M
Yield 874LPM
- b Pump room 1.5Mx1.5Mx2.4M
- c Pumpset 15HP Sumersible pumpset - 500LPMx 50m Head
- d Pumping main 150 AC CL 15 40M
160mm PVC 4Ksc 1680M
140mm PVC 4Ksc 1890M
110mm PVC 4Ksc 1938M
90mm PVC 4Ksc 372M
Total 5920M

3. SERVICE-RESERVOIRS

- 1 30000lit oht @ Nettarei
- 2 30000lit oht @ Veppur Colony
- 3 30000lit oht @ Gidiyatham RS
- 4 30000lit oht @ Narikuravur Colony
- 5 30000lit oht @ Sethuvandai


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CWSS to SENJI & 28 other habitations in KV Kuppam union

Scheme cost		
a. Installation cost		82.9Lakhs
b. Annual Maintenance No & Amount		3.00Lakhs
Adminstrative approval No & Amount		MD TWAD Proc F Senji/ JE/P&D / Dt:01.10.2007 for RS 82.9 Lakhs
Technical Sanction No & Amount		SECR No 21/2007 - 2008 for Rs.85.58Lakhs
Beneficiaries		Enclosed separately
Population		
a. Present year	2009	9801
b. Intermediate	2024	10783
c. Ultimate	2039	11762
Level of Service		40LPCD
Designed Quar a) Present	2009	4.31Lakhs
b) Intermediate	2024	4.62Lakhs
c) Ultimate	2039	5.7Lakhs
Year of Completion & Commissioning		2008/2009
Original Scheme		Original
Improvement Scheme		-
Head works source Details		Opem well 2Nos 11m depth
Pumpset		Open well Type sub
Type		-
Duty		-
		5HP (Submersible) (390 Lpm x 35m) - 4nos
		3.00LLit Balancing Reservoir
Hours of Pumping		12hours
Treatment Paln (with units Details)		-
Transmission main		-
Gravity main		i) 110mm OD PVC 4KSC pipe 1790m ii) 110mm OD PVC 6KSC pipe 562m iii) 90mm OD PVC 4KSC pipe 1790m iv) 90mm OD PVC 6KSC pipe 1402m v) 75mm OD PVC 4KSC pipe 1420m vi) 75mm OD PVC 6KSC pipe 1549m vii) 63mm OD PVC 4KSC pipe 7011m viii) 63mm OD PVC 6KSC pipe 12120m
Total		27644m

- 13 **Booster station**
 - a. Sump with capacity -
 - b. Sump with capacity -
- 14 **Feeder mains** -
- 15 **No of group sump with capacity** -
- 16 **Service Reservoirs with Capacity** Separately enclosed
- 17 **Separate power feeder main details** -
- 18 **Distribution system** -



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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
Vilunthakai 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.**

Administrative Sanction: MD PWC, NO. F. Sholamur /JE/PAD/dt. 1.10.07

Year commencing : 2010

AP Cost : 95.5 Lakhs

Cost per 1000lb : 25.32

Openwell type submersible :
pumpset

To Kanagasamudiram
Annangudi, Vizunthagal
and Latheri Panchayats
Part)

(I) Duty 176 Lpm x 50m head - 2 Nos
(including standby)

To Ranganpettai
(Sholamur Panchayat)

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

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

A) Madagumedu	= 500 m
B) Anjugam Nagar	= 818 m
C) Kilmuttukur Road side houses	= 1000 m
D) Vadavirinjipuram Irular colony	= 312 m

Total = 2630 m

Public Fountains

2
3
4
1

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


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