

## **SALIENT DETAILS**

### **C.W.S.S. TO : VEMMANDAMPALAYAM AND 7 OTHER VILLAGE PANCHAYATS IN ERODE DISTRICT**

1. Scheme Cost	:	Rs.611.53 Lakhs
2. Beneficiaries		
a. Ukkaram Panchayat	:	15 Habitations
b. Kavilipalayam Panchayat	:	8 Habitations
c. Varapalayam Panchayat	:	8 Habitations
d. Anjanur Panchayat	:	23 Habitations
e. Gudakkarai Panchayat	:	7 Habitations
f. Lagampalayam Panchayat	:	7 Habitations
g. Sundakkampalayam Panchayat	:	4 Habitations
h. Vemmandampalayam Panchayat	:	16 Habitations
	<b>Total</b>	<b><u>88 Habitations</u></b>
3. Populations	:	43390
4. Designed quantity	:	2.08 MLD
5. Hear work with source details		
a. Source	:	River Bhavani
b. Well	:	Infiltration well : 2 No
c. Location	:	At Kondamuthanur
d. field	:	1000 lpm in each well
6. Pumpset		
I. AT WELL		
a. Type	:	Submersible
b. Duty	:	4 No x 6 HP x 900 lpm x 15m
c. Hours of Pumping	:	20

## II. Clear water at pump house

- a. Type : Centrifugal
- b. Duty : 50HP x 1800 lpm x 68m
- c. Hours of Pumping : 20

## 7. Transmission Main

- a. Pumping main : 24.81km

(250 - 150 mm AC, 140 - 90mm PVC)

## 8. Booster station

### a. Sump with capacity

- i. At Kuppanthurai : 25000 Lts
- ii. At Selambaragoundampalayam : 25000 Lts
- iii. At Karrattupalayam : 106000 Lts
- iv. At Periyar Nagar : 10000 Lts

### b. Pumpset details

- i. At Kuppanthurai : 20 HP x 620lpm x 70m
- ii. At Selambaragoundampalayam : 7.50HPx 200lpmx100m
- iii. At Karrattupalayam : 7.50HPx200lpmx50m
- iv. At Periyar Nagar : 2 HP x100 lpm x20m

All centrifugal pumpsets

## 9. Feeder Mains

- Total Length : 34.87 km

(110 mm - 63mm PVC)

## 10. Service Reservoirs with capacity

- a. 10000 Lits : 26 Nos
- b. 15000 Lits : 8 Nos
- c. 30000 Lits : 14 Nos
- d. 60000 Lits : 6 Nos

**Total : 54 Nos**



