

## **SALIENT DETAILS**

### **C.W.S.S. TO MANUR & 400 RURAL HABITATIONS IN TIRUNELVELI AND VIRUTHUNAGAR DISTRICT**

1 Scheme Cost	Rs.78.70 Crores
2 Beneficiaries	: Municipality -3 Nos Town Panchayat -1 No Habitations - 401 Nos
3 Populations	: 77,952
4 Designed Quantity	27.82 MLD
5 Head works	: 19 Nos of 4.50m dia infiltration wells at Pazhavor Head works (Sub surface water from Thamirabarani river)
6 Pumpset	
a Type	: a)Turbine Pumpset : b) Submersible Pumpset
b Duty	: a)150HP X 11600LPM X 45m Head-3 Nos : b)7.5 HP X 1220 LPM X 18m Head - 19 Nos with standby
c Hours of Pumping	20 Hours
7 Treatment Plant	: Nil
8 Transmission Main	
a Pumping main	: 85 km
b Gravity main	: 13 km
9 Booster station	: Main booster - 6Nos, Way side booster - 21 Nos,

MSR - 9 Nos

- a Sump with capacity : 15 LL = 6 Nos,  
5 LL -5 Nos,  
0.1 LL to 3.00 LL = 21 Nos
- b Pumpset details : Turbine pumpset-16 Nos  
Centrifugal pumpset (HSC) - 4 Nos,  
Centrifugal mono block pumpset - 60 Nos,  
Submersible pumpset - 26 Nos

10 Feeder Mains/Branch pumping line : 1056 km

11 Service Reservoirs with capacity	SR	Existing	New	Total
: 5000 lit	-		16	16
: 10000lit		91	73	164
: 30000lit		117	53	170
: 60000lit		31	13	44
: 100000lit		05	04	09
: <b>Total</b>				<b>403</b>



**MANUR CWSS IN TIRUNELVELI DISTRICT**

