

## **C.W.S.S. TO VELANKANNI AND 15 HABITATIONS**

1	Scheme Cost	Rs 103.87 Lakhs		
2	Beneficiaries	Town Panchayat-1No. Habitations - 15Nos.		
3	Populations	26808		
4	Designed Quantity	0.85mld		
5	Head works with Source details			
	Source:	Source:1	Source:2	Source:3
	Type:	Borewell	Borewell	Borewell
	Depth:	298.75 m	300.80 m	288 m
	Yield:	500 lpm	600 lpm	600 lpm
6	Pumpset			
	Type :	Submersible	Submersible	Submersible
	Duty :	450 lpm X 64 m (12.50 HP )	400 lpm x 22m (7.50 HP)	450 lpm x 50 m ( 10 HP )
7	Conveying Main	140mm PVC -4250mts	150 AC pipe - 700 m	200 mm AC pipe- 3500m

8 Sump with capacity 30000 liters at Kivalur

Pumpset details

Type :	Centrifugal	
Duty :	1400 lpm at 64 m - 2 Nos. (1No. stand Bye)	
9 Hours of Pumping	20 Hours	
Pumping main	200 AC	19935 m
Br.P' main	160 mm PVC	5170 m
Br.P' main	140 mm PVC	890m
Br.P' main	90 mm PVC	5900 m
	Total:	31895m

10 Service Reservoirs with capacity 10000 lits-2 nos.  
30000 lits-2nos.  
60000 lits- 4 nos.  
1.00 lakhs lits- 3 nos

## C.W.S.S. TO VELANKANNI AND 15 OTHER HABITATIONS FLOW DIAGRAM

