

SALIENT DETAILS

CWSS TO ABDULLAPUMRAM & 13 OTHER HABITATIONS IN

VEMBAKKAM UNION

1. Scheme Cost	:	Rs. 91.930 Lakhs
2. Beneficiaries	:	Habitations – 14 Nos.
3. Populations	:	12068
4. Total Daily Requirement	:	0.539 mld
5. Hours of Pumping	:	16 Hours
6. Head works with source details	:	Infiltration wells 2 nos in river Palar
		Dia Depth Yield
	IW.I -	4.50 M 6.60 M 810 LPM
	IW.II -	4.50 M 6.60 M 800 LPM
	Sump -	30000 Lit Capacity
	Pump room -	1 no
7. Pumpset	IW.I	IW .II
a. Type	Submersible	Submersible
b. Duty	5HP X 466 lpm X 19 M = 2 nos (with stand by)	5.00HP X 466 lpm X 11 M = 2 nos (with stand by)
8. Treatment plant (with Units Details)	:	---
9. Transmission Main	:	Short Raising Main = 125 CI LA Class = 876 M
a. Pumping Main	PM.I	90 PVC pipe 6ksc = 1450 M 75 PVC pipe 4ksc = 375 M
b. Gravity Main	P.M.II	150 AC CI 15 pipe = 2634 M 140 PVC pipe 4ksc = 494 M 90 PVC pipe 4ksc = 30 M
10. Feeder mains	:	140 PVC pipe 4ksc = 1550 M 110 PVC pipe 4ksc = 3189 M 90 PVC pipe 4ksc = 1368 M 75 PVC pipe 4ksc = 950 M 63 PVC pipe 4ksc = 1894 M
11. Service reservoirs with capacity	:	10000 Lit = 5 nos 60000 Lit = 2 nos 30000 Lit = 10 nos 100000 Lit = 1 no

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