

SALIENT DETAILS

CWSS TO CHITHATHUR & 14 OTHER HABITATIONS IN

VEMBAKKAM UNION

1. Scheme Cost : Rs. 83.00 Lakhs
2. Beneficiaries : Habitations – 15 Nos.
3. Populations : 7241
4. Total Daily Requirement : 0.396 mld
5. Head works with source details : Infiltration I & Bore well in Palar

| | Dia | Depth | Yield |
|-------------|------------------|--------|---------|
| IW - | 3.50 M | 9.00 M | 539 LPM |
| Pump Room - | 1 No (4 M X 3 M) | | |
6. Pumpset
 - a. Type : Submersible
 - b. Duty : 477 lpm X 63 M = 2nos (with stand by)
 - c. Hours of pumping : 16 Hours
7. Transmission Main : 150 mm AC CI Pipe = 342 M
 - a. Pumping Main : 150 mm AC CI 15 pipe = 1087 M
160 mm PVC pipe 10 ksc = 414 M
140 mm PVC pipe 6 ksc = 2516 M
125 mm GI Pipe = 30 M
110 mm PVC 4ksc = 4066M,
100 mm GI=30 M
 - b. Stand post : (up to Stand post) 50 mm PVC 4ksc = 835 M
63 mm PVC 4ksc = 387 M, 40 mm GI = 6 M
1.00 Lakhs lit Cap S.R.
 - c. Gravity Main : 110 mm PVC pipe 4ksc = 2029 M
100 mm GI pipe = 31 M
90 mm PVC pipe 4ksc = 1046 M
75 mm PVC pipe 4ksc = 2670 M
65 mm GI pipe = 84 M
50 mm GI pipe = 2395 M
63 mm PVC pipe 6ksc = 1352 M
40 mm GI pipe = 30 M
50 mm GI pipe = 3 m
8. Service reservoirs with capacity : 5000 Lit Cap = 3 30000 Lit Cap = 10
10000 Lit Cap = 1 60000 Lit Cap = 3

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