

## **SALIENT DETAILS**

### **CWSS TO KANDHIKUPPAM AND 76 OTHER HABITATIONS IN KRISHNAGIRI & BARGUR UNIONS IN KRISHNAGIRI DISTRICT.**

1. Scheme Cost. : Rs.480.00 Lakhs
2. Beneficiaries. : 77 habitations in Bargur & Krishnagiri Unions
3. Populations : 30739
4. Designed Quantity : 1.07 mld
5. Head works  
    Infiltration Well : 2 Nos (Kandhikuppam CWSS -1No, PerimuthurCWSS -1No)
  - a. Diameter : 4.50 m
  - b. Depth : 4m
  - c. Yield : 1000 lpm
6. Pumpset
  - a. Type : Submersible Pumpset
  - b. Duty : 519 lpm x 15m Head in infiltration wells- 2X2 Nos
  - c. Hours of Pumping : 16 hours
7. Transmission Main :
  - a. Pumping main. : 52400M
  - b. Gravity Main : 27900M
8. Booster station :
  - a. Sump with Capacity : 40000 lit at Head works, 1.00Lakh Lit at Booster I, 40000 lit at Booster II  
40000 lit at Booster III

b.Pumpset details.

Head works	: 1 x 2 sets of HSC Centrifugal Pumpset 20 HP -1118 lpm x 53m Head.														
Booster station I	1 x 2 sets of HSC Centrifugal Pumpset 17.5 HP 994 lpm x 43m Head 1 x 2 sets of 3HP-Submersible Pumpset 124 lpm x 45m Head to Periyapanamutlu along NH66(TV Malai Rd)														
Booster station II	1 x 2 sets of 2HP-Submersible Pumpset of duty 95 lpm x 35m Head to Palayavoor. 1 x 2 sets of 5HP-Submersible Pumpset 529 lpm x 26 m Head to Booster Station-III. 1 x 2 sets of 4HP-Submersible Pumpset 371 lpm x 28m to Stand Post at Subedar Kottai														
Booster Station III	: 1 x 2 sets of 3HP-Submersible Pumpset of duty 191 lpm x 31m Head to Varatnapally 1 x 2 sets of 3HP-Submersible Pumpset 123 lpm x 61m Head to Kothikutlapally 1 x 2 sets of 7.5HP-Submersible Pumpset 215 lpm x 72 m to Stand Post at Melkottai														
9.Feeder Main	: 38410M														
10.Service reservoir with capacity	: <table><thead><tr><th>Capacity</th><th>Nos</th></tr></thead><tbody><tr><td>10000</td><td>11</td></tr><tr><td>15000</td><td>1</td></tr><tr><td>30000</td><td>52</td></tr><tr><td>60000</td><td>13</td></tr><tr><td>100000</td><td>2</td></tr><tr><td>Total</td><td>79</td></tr></tbody></table>	Capacity	Nos	10000	11	15000	1	30000	52	60000	13	100000	2	Total	79
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**FLOW DIAGRAM**

