

SALIENT DETAILS

1. Name of work : CWSS to Konoor and 16 other habitations in

Reddiyarchatram union of Dindigul
District

2. Source : Open well at Down stream side of Nai odai Dam

At Kannivadi 6.70m dia with 24.40m depth

3. Population and Requirements:

A. Population:

Present (Base year) Population (2012) 8355

Intermediate Population (2027) 9191

Ultimate Population (2042) 10027

B. Requirement:

Pro rate of supply 25LPCD

Intermediate Requirement 235048 litres

Ultimate Requirement 256435 litres

Hours of Pumping 16 hours

Intermediate Requirement 265 LPM

Ultimate Requirement 282 LPM

4) SUMP

15000 litres capacity sump 1 No

5) PUMP SET

At Open well

Submersible pumpset of 265 LPM X 34 M head-3 HP-1 No.

At Sump

1. Submersible pumpset of 113LPM x 18M head -1.00 HP-1 No
2. Submersible pumpset of 113LPM x 27M head - 1.00 HP-1 No
3. Submersible pumpset of 39LPM x 22M head -1.00 HP-1 No

6) PUMP ROOM

1.50M x 1.50 M - 2 Nos

7) Pumping main and Branch Mains

110 mm PVC 4 KSC Pipes - 5112m

90 mm PVC 4 KSC Pipes - 3252m

75 mm PVC 4 KSC Pipes - 3609m

63 mm PVC 4 KSC Pipes - 11419m

100 mm dia GI pipe -211m

80 mm dia GI pipe -11m

65 mm dia GI pipe -36m

50 mm dia GI pipe -161m

23811m

8) Service Reservoir:

Existing Service Reservoirs in Nos		
10000 lits	30000 lits	60000 lits
4	10	3

9) Distribution System - Existing

10) Public Fountains - Existing

11) COST

Installation cost - Rs. 49.80 Lakhs

A M Cost - Rs. 3.80 Lakhs

12) PER CAPITA COST

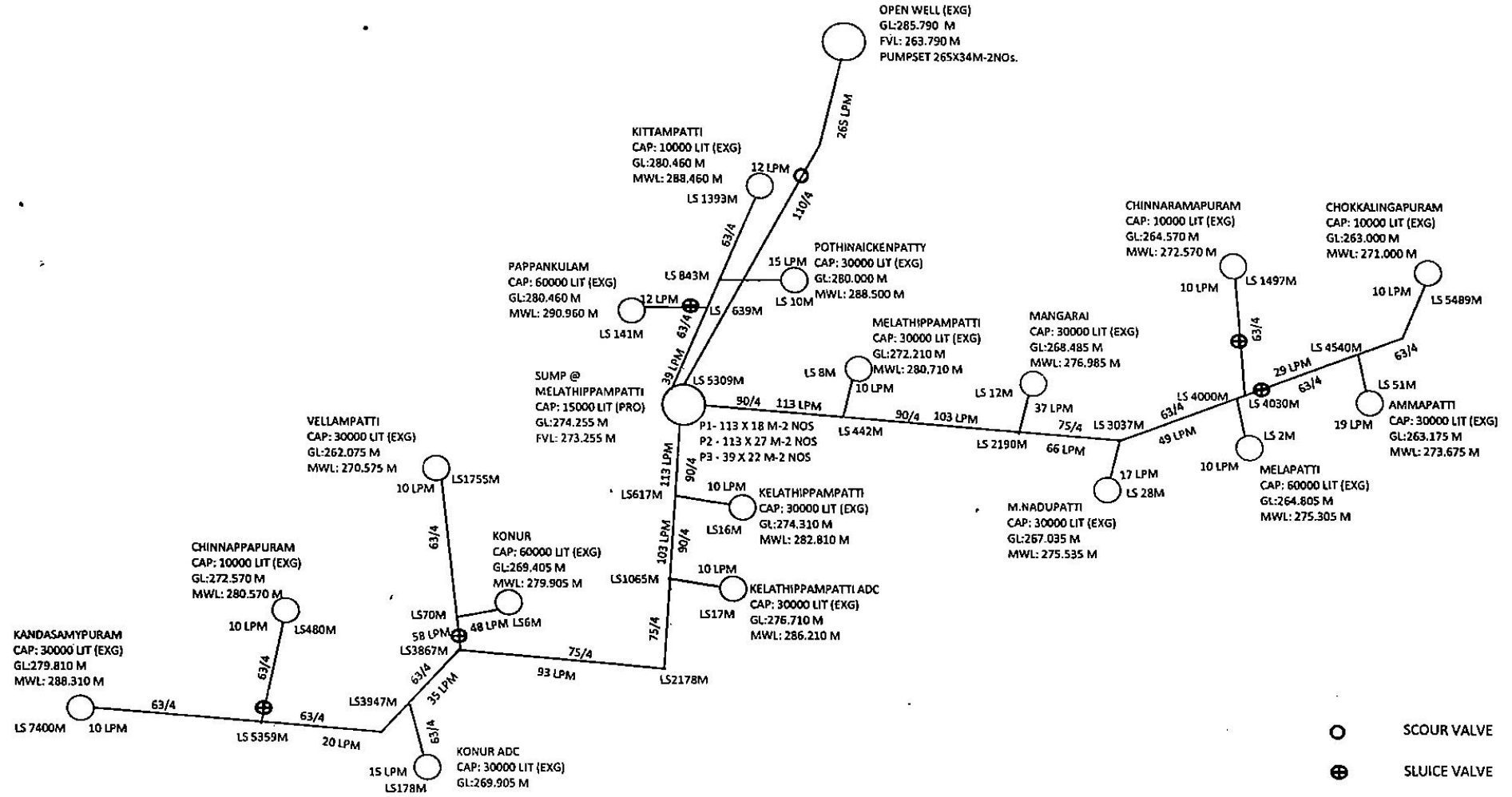
For Present Population - Rs. 596.00

13) COST PER 1000 LITRES

Cost / 1000 - Rs. 5.83

14) FUND MNP Fund.

**CWSS TO KONUR AND 16 OTHER HABITATIONS IN REDDIYARCHATRAM UNION IN DINDIGUL DISTRICT
FLOW DIAGRAM**



1/11/12
Assistant Engineer
TWAD Board
RWS Section, Dindigul

1/11/12
JUNIOR ENGINEER
TWAD Board
Dindigul