

## **C.W.S.S.TO C.PUDUPATTI & OTHER PANCHAYATS**

1	Scheme cost	Rs.877.80Lakhs
2	Beneficiaries	Town Panchayat – 4 Nos. Habitations – 17 Nos.
3	Populations	56082
4	Designed Quantity	5.67 mld
5	Head works with source details	Headworks  1.Offtake Chamber      2.00mdia  2.Silt Trap                      3.00m dia  3.Suction well                  5.00m dia
6	Pumpset	
a	Type	Turbine Pumpsets
b	Duty	45HP x 3345lpm x 40m 2Nos
c	Hours of Pumping	24 Hours
7	Treatment Plant (with Units Details)	1.Settling Tank - 6.94 MLD 2.Slowsand Filter-17.55x21.00m-5 Nos 3.Clear water Reservoir - 5.00LL
8	Transmission Main	
a	Pumping main	450mm CI - 750m
b	Gravity main	1) From Treatment site to Break Pressure tank(3.00LL Capacity):- 450mm PSC 8KSC pipes - 6570m 2) From BPT to Stand post at Uthukadu Road:- 400mm PSC 4KSC pipes -3630m

400mm PSC 8KSC pipes -3880m

350mm PSC 8KSC pipes -4320m

3) From Uthukadu stand post to  
Uthamapalayam

250mm AC Cl 15 Pipe -3600m

200mm AC Cl 15 Pipe -3570m

150mm AC Cl 15 Pipe -630m

#### 9 Service Reservoirs with capacity

10,000 Lit. – 6 Nos.

30,000 Lit. – 4 Nos.

60,000 Lit. – 15 Nos.

1,00,000 Lit. - 3 Nos.

2,00,000 Lit. - 1No.

2,50,000 Lit. – 2 Nos.

3,00,000 Lit. – 1 No.

4,00,000 Lit. – 1 No.

