

# SALIENT DETAILS

## CWSS TO KATTATHURAI, VALVACHAKOSTUM, MULAGUMOODU

### RTP IN KANYAKUMARI DISTRICT

1. Scheme Cost	:	Rs.329.57 lakhs
2. Beneficiaries		
a ) Town Panchayat	:	2 Nos
b ) Habitations	:	17 Nos
3 Populations	:	53635
4 Designed Quantity	:	2.38 mld
5 Head works with Source details	:	3 Nos of I.W. in Kuzhithuraiyar River
5 Pumpset : 5 HP – 6 Nos		60 HP
a) Type : Submersible		Turbine
b) Duty : 795 Lpm x 15m Head		2385 Lpmx85m Head
c) Hours of Pumping	:	20Hours
6 Treatment Plant (With Units Details)	:	—
7 Transmission Main	:	
a) Pumping main	:	38,125km
Size of pipe		Length
1) 250mm CI LA cl. pipe	:	575m
2) 300mm AC cl.10 Pipes	:	5185m
3) 250mm AC cl.10 Pipe	:	2950m
4) 160mmto 90mm PVC Pipe	:	29415m
Total	:	<b>38,125m</b>
b) Gravity main	:	-
8 (i) Booster Station	:	Pulipanam
a. Sump with capacity	:	1.00 lakh litres
b. Pumpset details	:	i) Centrifugal 20 HPx1180 Lpmx47m Head ii) Centrifugal 15 HPx1010 Lpmx35m Head
9 Feeder Mains	:	

	160mm to 50mm PVC Pipe	:	29415m
10	Service Reservoirs with capacity	:	37 Nos
	2.00 lakh litres	:	2 Nos
	60000 litres	:	12 Nos
	30000 litres	:	12 Nos
	22000 litres	:	1 No
	15000 litres	:	2 Nos
	10000 litres	:	8 Nos

## TWAD BOARD SCHEMATIC DIAGRAM

KATTATHURAI COMBINED WATER SUPPLY SCHEME

