

## **SALIENT DETAILS**

### **C.W.S.S. TO SKYLARK PROJECT AT VIJAYANARAYANAM**

1	Scheme Cost	Rs.365 Lakhs
2	Beneficiaries	INS Skylark Project - 1 No
3	Populations	: --
4	Designed Quantity	1.362 mld
5	Head works with Source details	: Head works at Ammanathankoil in River Thambiraparani 2 Nos of Infiltration wells - 3.50 m Dia. 1no Sump -45000 Lit Capacity
6	Pumpset	
a	Type	1)2 Nos of 5 HP Submersible pump sets and 2 Nos stand bye. 2)1 No of 60 HP Centrifugal pump set and 1 No stand bye.

b	Duty	1) 725 LPm X 15 m 2) 1450 Lpm X 108 m
c	Hours of Pumping	16Hrs/day intermediate and Ulitimate
7	Treatment Plant	NIL
8	Transmission Main	
a	Pumping main	24.797KM  a)200 mm CI pipe CI - B - 2.818 KM b)200 mm CI pipe CI - A - 6.418 KM c)200 mm CI pipe CI - LA - 7.833 KM d)250 mm CI pipe CI - LA - 7.728 KM
b	Gravity main	25.673 KM  a)300 mm CI pipe CI - LA - 1.767 KM b)250 mm CI pipe CI - LA - 17.869 KM c)200 mm CI pipe CI - LA - 6.037 KM
9	Booster station	<b>1)KANGANANKULAM</b>

- a Sump with capacity 45,000 Ltrs.
- b Pumpset details 1 No of 60 HP Centrifugal pump set -  
1450 lpm X 108 m and 1 No stand by.

**2) KALAKADU (BREAK PRESSURE  
TANK)**

- a Sump with capacity 45,000 Ltrs. (Staging height - 6 m)
- 10 Feeder main NIL
- 11 Service Reservoirs with Beneficiary sump at Indian Naval Base  
capacity

## FLOW DIAGRAM OF SKYLARK PROJECT

