

SALIENT DETAILS

C.W.S.S. TO 249 Rural habitations in Annur, Avinashi & Sulur unions

1	Scheme Cost	:	Rs. 3755.00 lakhs			
2	Beneficiaries	:	Town Panchayat -3 Nos, Habitations 296 Nos			
3	Populations	:	206422			
4	Designed Qty.	:	11.44 mld			
5	Head works with Source details	:	Intake well in River Bhavani			
6	Pumpset	:				
a	Type	:				
b	Duty	:				
c	Hours of Pumping	:				
			Location	Type	Duty lpm x head	Pump ing Hrs
		1	Raw water	V.T.	10952 x 24 m 90 HP (1+1)	23.00
		2	Clear water	Centrifugal	10430 x 29 m 90 HP (1+1)	23.00
		3.i	Vellikuppam Palayam	Centrifugal	2130 x 74 m 60 HP	23.00

						(2+1)	
		ii		Vellikuppam Palayam	Centrifugal	2530 x 83 m 75 HP (2+1)	23.00
		ii		Vellikuppam Palayam	Centrifugal	783 x 57 m 20 HP (1+1)	23.00
		4		Kunniyur	Centrifugal	2130 x 24 m 30 HP (2+1)	23.00
		5.i		Kariyampalayam	Mono bloc	761 x 68 MB 20 HP (1+1)	23.00
		ii		Kariyampalayam	"	555 x 55 m (10 HP (1+1)	23.00
		6.i		Sumaithangi	Centrifugal	220 x 49 m 40 HP (2+1)	23.00
		ii		Sumaithangi	Mono bloc	552 x 58 m 12.5 HP (1+1)	23.00
		7.i		Rangasamy Nagar	Mono bloc	767 x 50 mt.	23.00

						15 HP (1+1)	
		8.i		Sembaravalli	Submersible	545 x 71 m 17.5 HP (1+1)	23.00
		ii		Sembaravalli	Submersible	277 x 66 m 7.5 HP (1+1)	23.00
		9.i		Irumborai	Submersible	328 x 36 m 7.5 HP (1+1)	23.00
		ii		Irumborai	Submersible	166 x 27 m 3 HP (1+1)	23.00
7	Treatment Plant (with Units Details)	:		Aerator	1		
		:		Stilling chamber	1		
		:		Flash mixer	1		
		:		Dividing chamber	1		
		:		Clarifloculators	2		
		:		Filter bed	6		
		:		Clear water Reservoir	1 No - 9.00 LL		
		:		Wash water tank	2 Nos - 3.50 LL		
8	Transmission Main	:					
a	Pumping main	:		304.4 Km			
b	Gravity main	:		---			
	Raw water main	:		7690 m (600 mm dia PSC)			

	Clear water (common main)	:		6960 m (600 mm dia PSC)			
9	Booster station	:					
a	Sump with capacity	:					
b	Pumpset details	:					
			Sump with capacity	Location	Type	Duty	
		1.i	9.00LL x 2	Vellikuppam Palayam	Centrifugal	2130 x 74 m 60 HP (2+1)	
		ii		Vellikuppam Palayam	Centrifugal	2530 x 83 m 75 HP (2+1)	
		ii		Vellikuppam Palayam	Centrifugal	783 x 57 m 20 HP (1+1)	
		2	5.00 LL	Kunniyur	Centrifugal	2130 x 24 m 30 HP (2+1)	
		3.i	2.00 LL	Kariyampalayam	Mono bloc	761 x 68 MB 20 HP (1+1)	

			ii		Kariyampalayam	"	555 x 55 m (10 HP (1+1))	
			4.i	9.00 LL	Sumaithangi	Centrifugal	220 x 49 m 40 HP (2+1)	
			ii		Sumaithangi	Mono bloc	552 x 58 m 12.5 HP (1+1)	
			5.i	1.00 LI	Rangasamy Nagar	Mono bloc	767 x 50 mt. 15 HP (1+1)	
			6.i	1.70 LL	Sembaravalli	Submersible	545 x 71 m 17.5 HP (1+1)	
			ii		Sembaravalli	Submersible	277 x 66 m 7.5 HP (1+1)	
			7.i	0.60LL	Irumborai	Submersible	328 x 36 m 7.5 HP (1+1)	
			ii		Irumborai	Submersible	166 x 27 m	

						3 HP (1+1)	
	10 Service Reservoirs with capacity			1.00 LL 0.60 LL 0.20 LL 0.10 LL	2 Nos. 9 Nos. 41 Nos. 28 Nos.		

C.W.S TO 249 RURAL HABITATIONS IN ANNUR, AVINASHI & SULUR UNIONS

