TN IAMWARM PROJECT

ONGUR SUB BASIN

DETAILED PROJECT REPORT

WATER RESOURCES DEPARTMENT

1.1. INTRODUCTION

1. INTRODUCTION

1.1 GENERAL:

Agriculture is the dominant sector in the Indian economy. TamilNadu, which is supposed to be the next state to Rajasthan in average annual rain fall depends largely on the surface water irrigation as well as ground water irrigation. The state has used the surface and ground water potentials to the maximum limit and hence the future development and expansion depends only on the efficient and economical use of water potential and resources available.

To achieve the water use efficiency it is necessary to improve and upgrade the existing conveyance system and also to introduce modern irrigation methods.

With the above objectives a comprehensive programme has been proposed with Multi disciplinary approach.

1.1.2 DESCRIPTION OF THE VARAHANADHI BASIN:

The Varahanadhi basin is one of the major river basins and is located in Villupuram, Thiruvannamalai, Kancheepuram and Cuddalore districts of Tamil Nadu and Pondicherry.

This basin has been divided into 3 sub-basins namely as follows;

1. Varahanadhi
2. Ongur
3. Nallavur

1.1.3 DESCRIPTION OF ONGUR SUB BASIN:

The Ongur sub basin is located in Villupuram, Thiruvannamalai, and Kancheepuram districts of Tamil Nadu. The total area of the sub basin is 624sq.km. The Ongur sub basin is surrounded by Bay of Bengal in the east, Palar basin in the north, Nallavur sub basin in the south and Varahanathi sub basin in the

west. There are 8 blocks in this sub basin of which 4 blocks are covered in full and the remaining blocks are partly covered. The details of blocks, taluks and districts are furnished in the following statements.

Ongur river originates in Tindivanam taluk of Villupuram district. In the initial reach it has two arms. The right arm originates from the surplus course of Vairapuram tank, which is fed by number of upper tanks and empties into Saram Eri (tank). In addition to that, the drainage course to Saram Eri is also receiving water from number of tanks on either side. The surplus course of Saram Eri called Saram river or Saram Odai flows towards the northeastern direction.

Similarly the left arm called Nariyar Odai or Murungai Odai originates from surplus course of Olakkur Melpadi Eri which is fed by surplus water of number of tanks. It joins the Saram Odai about 3 Kms. west of Ongur village. From this point the river is called **Ongur River.**

After this, a local stream Nedungal Ar joins Ongur river on its left side. Nedungal stream originates from the surplus course of Kalathur and Kilathivakkam tank which receiving surplus water from a number of tanks in Maduranthagam Taluk of Kancheepuram District. It joins Ongur river near Veliyambakkam village of Maduranthagam Taluk. The total length of this stream is about 6 kms. Then the river flows towards the southeast until it falls into the Yedayantittu Kaluveli tank and the surplus water joins the Bay of Bengal. The length of Ongur river from its origin till its confluence with the sea is about 43 kms.

The Ongur sub basin consists of 172 nos of non system tanks and 7 anicuts and the total command area of this sub basin is 14262.75 Ha. The Ongur sub basin is located between the latitude 12^0 $10^{'}$ $00^{''}$ N and 12^0 $30^{'}$ $00^{''}$ N and the longitude 79^0 $30^{'}$ $00^{''}$ E and 80^0 $05^{'}$ $00^{''}$ E. The command area of this sub basin comes under the Tindivanam Taluk in Villupuram District, Vandavasi Taluk in Thiruvannamalai District,Madurantakam and Cheyyur Taluks in Kancheepuram District.

Ayacut Details

Villupuram District :

Tindivanam Taluk : 3775.88 Ha

Thiruvannamalai District :

Vandavasi Taluk : 1427.77 Ha

Kancheepuram District :

Madurantakam Taluk : 3742.27

Cheyyur Taluk : 5316.83

Total : 14262.75 Ha

CLUSTER WISE / INFRASTRUCTURE WISE / VILLAGE WISE CONVERGENT TABLE

Sl.No	Name of the Cluster/ Village	Total Ayacut (Ha)			Total Area (Ha)			WRD	Agriculture		TNAU		Horticulture		Agricultural Marketing		Agricultural Engineering		Fisheries		Animal Husbandry	
		FI	PI	Gap	Wop	WP	Gap		Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	CLUSTER NO .1																					
1	Acharapakkam Tank	39.35.0	26.24.0	45.94.0	65.59.0	111.53.0		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3150m.														
2	Athivakkam Tank	21.61.0	13.25.0	8.71.5	34.86.0	43.57.5		St Tank Bund - 1250 RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1250m.														
3	Kattugudalur Tank	39.73.5	23.33.5	15.76.0	63.07.0	78.83.0		St Tank Bund - 2286m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1280m.														
4	Neman Tank	27.16.5	18.11.0	10.62.0	45.27.5	55.89.5		RC Of Sluices - 2Nos. DS channel - 1550m.														
5	Pallipettai Tank	27.11.0	18.08.0	41.72.0	45.19.0	86.91.0		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1550m.														
	Total	**154.97.0**	**99.01.5**	**######**	**253.98.5**	**376.74.0**		**St Tank Bund - 3536m. RC Of Sluices - 7Nos. RE to Weir - 4Nos. DS channel - 8780m.**														
	CLUSTER NO .2																					
6	Tirumukkadu Tank	24.77.5	15.18.5	3.01.0	39.96.0	42.97.0		St Tank Bund - 1100m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1550m.														
7	Timmapuram Tank	154.41.0	33.90.0	7.67.0	188.31.0	195.98.0		RC Of Sluices - 2Nos. RE to Weir - 1No.														
8	Vilangadu Peria Eri	46.62.0	31.08.0	37.82.0	77.70.0	115.52.0		St Tank Bund - 1410m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 2150m.														
9	Villangadu Chitheri	0.00.0	0.00.0	0.00.0	0.00.0	0.00.0		St Tank Bund - 1350m. DS channel - 1430m.														
10	Kottaikayapakkam Tank	34.38.0	22.92.0	2.80.5	57.30.0	60.10.5		RC Of Sluices - 1No. DS channel -														

								1450m.																	
11	MohalvadiTank	14.03.0	8.60.0	12.41.0	22.63.0	35.04.0		St Tank Bund - 900m. RC Of Sluices - 1No. DS channel - 3000m.																	
	Total	**274.21.5**	**111.68.5**	**63.71.5**	**385.90.0**	**449.61.5**		**St Tank Bund - 4760m. RC Of Sluices - 8Nos. RE to Weir - 3Nos. DS channel - 9580m.**																	
	CLUSTER NO .3																								
12	Madur Tank	101.98.5	41.87.0	23.72.5	143.85.5	167.58.0		St Tank Bund - 1750m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2000m.																	
13	Allanur Tank	33.19.5	14.22.5	6.57.5	47.42.0	53.99.5		St Tank Bund - 1650m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2200m.																	
14	Kalyankulam Tank	30.97.0	20.64.5	15.79.0	51.61.5	67.40.5		St Tank Bund - 770m. RC Of Sluices - 1No. DS channel - 1100m.																	
15	Siruperpondy Tank	31.70.0	19.43.0	11.22.0	51.13.0	62.35.0		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 3000m.																	
16	Anaikunnam Tank	21.58.0	11.62.0	7.28.0	33.20.0	40.48.0		St Tank Bund - 1045m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1200m.																	
17	Baburayanpettai Tank	16.62.0	4.16.0	21.50.5	20.78.0	42.28.5		St Tank Bund - 670m. RC Of Sluices - 1No.. DS channel - 1100m.																	
	Total	**236.05.0**	**111.95.0**	**86.09.5**	**348.00.0**	**434.09.5**		**St Tank Bund - 5885m. RC Of Sluices - 8Nos. RE to Weir - 4Nos. DS channel - 10600m.**																	
	CLUSTER NO .4																								
18	Minnal Chithamur Tank	57.73.0	31.09.5	8.62.0	88.82.5	97.44.5		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2200m.																	
19	Kilpattu Tank	24.06.0	16.04.0	13.00.0	40.10.0	53.10.0		St Tank Bund - 1520m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel -																	

								1800m.																	
20	Kilminnal Tank	29.70.0	19.41.5	16.50.5	49.11.5	65.62.0		St Tank Bund - 1700m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
21	Kadamalaiputher Tank	40.66.0	24.98.0	4.88.0	65.64.0	70.52.0		RC Of Sluices - 1No. RE to Weir - 4Nos. DS channel - 2400m.																	
22	Perumberkandigai Tank	40.44.0	26.96.0	43.33.0	67.40.0	110.73.0		St Tank Bund - 3240m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 4800m.																	
23	Nedungal Tank	40.15.0	26.77.0	20.19.0	66.92.0	87.11.0		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2200m.																	
	Total	**175.01**	**114.17**	**106.52.5**	**289.18**	**484.52.5**		**St Tank Bund - 6460m. RC Of Sluices - 12Nos. RE to Weir - 9Nos. DS channel - 15400m.**																	
	CLUSTER NO .5																								
24	Edaiyalam Tank	57.36.0	19.13.0	25.86.0	76.49.0	102.35.0		St Tank Bund - 2590m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1600m.																	
25	Karasangal Tank	39.28.0	26.20.0	18.63.0	65.48.0	84.11.0		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
26	Veliyambakkam Peria Eri	36.06.0	19.43.0	4.47.0	55.49.0	59.96.0		St Tank Bund - 1280m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2000m.																	
27	Veliyambakkam Chitheri	25.30.5	16.87.0	1.55.0	42.17.5	43.72.5		St Tank Bund - 1465m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1600m.																	
28	Athur Tank	82.82.0	44.60.0	12.16.5	127.42.0	139.58.5		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1400m.																	
	Total	**240.82.5**	**126.23.0**	**62.67.5**	**367.05.5**	**429.73.0**		**St Tank Bund - 5335m. RC Of Sluices - 7Nos. RE to Weir -**																	

								5Nos. DS channel - 8600m.																	
	CLUSTER NO .6																								
29	Kalathur Tank	23.27.0	12.53.0	25.73.0	35.80.0	61.53.0		St Tank Bund - 2200m. RC Of Sluices - 4Nos. RE to Weir - 1No. DS channel - 2500m.																	
30	Kilathivakkam Tank	54.32.0	29.27.0	11.69.5	83.59.0	95.28.5		RC Of Sluices - 2Nos. RE to Weir - 1Nos. DS channel - 2500m.																	
31	Kongarai Mambattu Tank	70.35.0	46.90.0	52.16.0	117.25.0	169.41.0		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 5350m.																	
32	Murungai Tank	21.58.0	9.26.0	11.20.0	30.84.0	42.04.0		St Tank Bund - 1465m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3150m.																	
33	Munnakulam Tank	21.72.0	11.71.0	18.78.0	33.43.0	52.21.0		St Tank Bund - 1372m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3150m.																	
	Total	**191.24.0**	**109.67.0**	**119.56.5**	**300.91.0**	**420.47.5**		**St Tank Bund - 2837m. RC Of Sluice - 9Nos. RE to Weir - 5Nos. DS channel - 16650m.**																	
	CLUSTER NO .7																								
34	Porangal Tank	23.28.0	12.54.0	6.14.0	35.82.0	41.96.0		St Tank Bund - 915m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1350m.																	
35	Kunankaranai Tank	29.22.0	15.73.5	9.33.5	44.95.5	54.29.0		St Tank Bund - 1300m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1500m.																	
36	Orathi Peria Eri	118.86.0	79.24.0	27.99.0	198.10.0	226.09.0		RC Of Sluices - 2Nos. DS channel - 2500m.																	
37	Orathi Chitheri	25.46.0	13.72.0	5.11.0	39.18.0	44.29.0		St Tank Bund - 1620m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2500m.																	

38	Porparankaranai	22.01.0	11.86.0	7.43.0	33.87.0	41.30.0		St Tank Bund - 1100m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1200m.																		
	Total	**218.83.0**	**133.09.5**	**56.00.5**	**351.92.5**	**407.93.0**		**St Tank Bund - 4935m. RC Of Sluices - 8Nos. RE to Weir - 4Nos. DS channel - 9050m.**																		
	CLUSTER NO .8																									
39	Sirudhamur Tank	18.15.0	9.61.5	19.70.0	27.76.5	47.46.5		St Tank Bund - 1270m. RC Of Sluices - 1No. DS channel - 3550m.																		
40	Thinnalur Tank	49.60.0	30.39.5	67.06.5	79.99.5	147.06.0		RE to Weir - 1No. DS channel - 3550m.																		
41	Vinnampoodi Tank	33.69.5	22.46.0	16.42.0	56.15.5	72.57.5		St Tank Bund - 1210m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2650m.																		
42	Anandamangalam Tank	31.73.0	17.09.0	10.71.0	48.82.0	59.53.0		St Tank Bund - 1200m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2150m.																		
	Total	**133.17.5**	**79.56.0**	**######**	**212.73.5**	**326.63.0**		**St Tank Bund - 3680m. RC Of Sluices - 3Nos. RE to Weir - 3Nos. DS channel - 11900m.**																		
	CLUSTER NO .9																									
43	Kilmaruvathur Tank	29.05.0	12.46.0	9.10.0	41.51.0	50.61.0		St Tank Bund - 1200m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 950m.																		
44	Irumbuli Tank	53.07.0	22.75.0	14.45.0	75.82.0	90.27.0		St Tank Bund - 1200m. RC Of Sluices - 2Nos. RE to Weir - 2Nos. DS channel - 1150m.																		
45	Perambakkam Tank	23.90.0	17.27.5	17.68.0	41.17.5	58.85.5		RC Of Sluices - 2 Nos. RE to Weir - 1 No. DS channel - 1200 m.																		
46	Thandalam Tank	25.75.0	17.16.0	9.42.0	42.91.0	52.33.0		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 975m.																		

	Total	**131.77.0**	**69.64.5**	**50.65.0**	**201.41.5**	**252.06.5**		**St Tank Bund - 2400m. RC Of Sluices - 6Nos. RE to Weir - 5Nos. DS channel - 4275m.**																	
	CLUSTER NO .10																								
47	Parukkal Tank	15.89.0	15.13.0	14.01.0	31.02.0	45.03.0		RC Of Sluices - 1 No. RE to Weir - 2Nos. DS channel - 1800 m.																	
48	Pazhavur Tank	26.03.0	14.02.0	10.01.0	40.05.0	50.06.0		St Tank Bund - 1100m. RC Of Sluices - 1 No. RE to Weir - 1No. DS channel - 950m.																	
49	Mugundhagiri Tank	48.90.0	26.33.5	16.52.0	75.23.5	91.75.5		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1525m.																	
50	Perukkaranai Tank	46.48.0	30.98.0	17.00.0	77.46.0	94.46.0		RC Of Sluices - 2Nos. RE to Weir - 2Nos. DS channel - 1950m.																	
51	Poongunam Tank	96.14.0	41.21.5	34.33.0	137.35.5	171.68.5		St Tank Bund - 1500m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3975m.																	
	Total	**233.44.0**	**127.68.0**	**91.87.0**	**361.12.0**	**452.99.0**		**St Tank Bund - 2600m. RC Of Sluices - 6Nos. RE to Weir - 7Nos. DS channel - 10200m.**																	
	CLUSTER NO .11																								
52	Puthur Tank	47.16.0	25.40.0	18.13.0	72.56.0	90.69.0		St Tank Bund - 850m. RE to Weir - 1No. DS channel - 1930m.																	
53	Attupatti Koattaipunjai Tank	35.50.0	15.24.0	12.68.0	50.74.0	63.42.0		St Tank Bund - 1370m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 5450m.																	
54	Chinnakayapakkam Tank	26.29.0	11.27.0	9.40.0	37.56.0	46.96.0		St Tank Bund - 1040m. RC Of Sluices - 1No. RE to Weir - 2Nos. DS channel - 3650m.																	

55	Indalur Tank	67.28.0	44.83.5	24.61.0	112.11.5	136.72.5		St Tank Bund - 1400m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 3280m.																		
56	Periakayapakkam Tank	49.60.0	26.70.5	16.74.0	76.30.5	93.04.5		RC of Sluices - 2Nos. RE to Weir - 2Nos. DS channel - 4975m.																		
	Total	**225.83**	**123.45**	**81.56**	**349.28**	**430.84.0**		**St Tank Bund - 4660m. RC Of Sluices - 8Nos. RE to Weir - 7Nos. DS channel - 19285m.**																		
	CLUSTER NO .12																									
57	Kulathur Tank	20.40.0	8.75.0	6.40.0	29.15.0	35.55.0		St Tank Bund - 2050m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2050m.																		
58	Arapedu Tank	34.38.0	22.89.0	14.30.0	57.27.0	71.57.0		St Tank Bund - 2260m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2475m.																		
59	Thenpakkam Tank	39.90.0	17.11.0	14.25.0	57.01.0	71.26.0		St Tank Bund - 1650m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3250m.																		
60	Puliyanai Tank	29.05.0	12.45.0	9.10.0	41.50.0	50.60.0		St Tank Bund - 1615m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 3970m.																		
61	Nerkunam Tank	50.95.0	27.44.0	19.59.0	78.39.0	97.98.0		RC Of Sluices - 1No. RE to Weir - 2Nos. DS channel - 1675m.																		
	Total	**174.68.0**	**88.64.0**	**63.64.0**	**263.32.0**	**326.96.0**		**St Tank Bund - 7575m. RC Of Sluices - 7Nos. RE to Weir - 6Nos. DS channel - 13420m.**																		
	CLUSTER NO .13																									
62	Nugumbal Tank	89.25.0	48.06.5	34.37.0	137.31.5	171.68.5		St Tank Bund - 1100m. RE to Weir - 1No. DS channel - 1350m.																		

63	Periakalakkadi Tank	60.80.0	32.74.5	16.03.0	93.54.5	109.57.5		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2950m.																		
64	Puthirankottai Tank	51.15.0	31.94.0	11.68.0	83.09.0	94.77.0		St Tank Bund - 1015m. RC Of Sluices - 2Nos. RE to Weir - 2Nos. DS channel - 4950m.																		
65	Sirunagar Tank	53.82.0	28.98.0	20.69.0	82.80.0	103.49.0		St Tank Bund - 1050m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2150m.																		
	Total	**255.02.0**	**141.73.0**	**82.77.0**	**396.75.0**	**479.52.0**		**St Tank Bund - 3165m. RC Of Sluices - 4Nos. RE to Weir - 5Nos. DS channel - 11400m.**																		
	CLUSTER NO .14																									
66	Sirumailur Tank	50.03.0	21.45.0	15.68.0	71.48.0	87.16.0		St Tank Bund - 1800m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3750m.																		
67	Isur Tank	38.90.0	25.94.5	16.21.0	64.84.5	81.05.5		St Tank Bund - 980m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2250m.																		
68	Kumili Tank	34.23.0	14.68.0	12.22.0	48.91.0	61.13.0		St Tank Bund - 1067m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 925m.																		
69	Vemelagaram Tank	23.45.5	12.63.0	7.92.0	36.08.5	44.00.5		St Tank Bund - 1615m. RC Of Sluices - 3Nos. RE to Weir - 3Nos. DS channel - 5940m.																		
	Total	**146.61.5**	**74.70.5**	**52.03.0**	**221.32.0**	**273.35.0**		**St Tank Bund - 5462m. RC Of Sluices - 6Nos. RE to Weir - 6Nos. DS channel - 12865m.**																		
	CLUSTER NO .15																									
70	Agaram Tank	61.77.0	33.26.5	20.85.0	95.03.5	115.88.5		St Tank Bund - 1000m. RE to Weir - 1No. DS channel - 5675m.																		

71	Andarkuppam Tank	60.52.5	32.60.0	20.43.0	93.12.5	113.55.5		St Tank Bund - 1200m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1210m.																			
72	Arasur Tank	120.25.0	64.76.0	40.61.0	185.01.0	225.62.0		St Tank Bund - 1005m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 5250m.																			
73	Illeadu big tank	54.92.0	36.60.0	20.08.0	91.52.0	111.60.0		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 6650m.																			
74	Illeadu chitheri							St Tank Bund - 1200m. RC Of Sluices - 1No. RE to Weir - 2Nos.																			
	Total	**297.46.5**	**167.22.5**	**######**	**464.69.0**	**566.66.0**		**St Tank Bund - 4505m. RC Of Sluices - 6Nos. RE to Weir - 6Nos. DS channel - 18785m.**																			
	CLUSTER NO .16																										
75	Kazhuvelithangal	23.59.0	15.72.0	9.80.0	39.31.0	49.11.0		St Tank Bund - 1435m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 5000m.																			
76	Pudupattu Tank	44.76.0	24.11.5	15.13.0	68.87.5	84.00.5		St Tank Bund - 1722m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1975m.																			
77	Vanniyanallur Tank	46.50.0	31.00.5	8.39.0	77.50.5	85.89.5		St Tank Bund - 1650m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3250m.																			
78	Vilampattu Tank	68.05.0	36.65.0	20.39.0	104.70.0	125.09.0		St Tank Bund - 800m. RE to Weir - 1No. DS channel - 470m.																			
79	Vellakondagaram Tank	33.68.0	18.15.0	12.95.0	51.83.0	64.78.0		St Tank Bund - 1430m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 3000m.																			
	Total	**216.58.0**	**125.64.0**	**66.66.0**	**342.22.0**	**408.88.0**		**St Tank Bund - 7035m. RC Of Sluices - 7Nos. RE to Weir - 5Nos.**																			

								DS channel - 13695m.																	
	CLUSTER NO .17																								
80	Sirukalathur Tank	23.45.0	12.62.0	8.46.0	36.07.0	44.53.0		St Tank Bund - 1473m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
81	Amaindandaranai Tank	29.40.0	15.83.0	12.02.0	45.23.0	57.25.0		St Tank Bund - 1620m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
82	Panaiyadivakkam Tank	25.35.0	10.87.0	8.50.0	36.22.0	44.72.0		St Tank Bund - 1080m. RE to Weir - 1No. DS channel - 2000m.																	
83	Porur Tank	22.68.0	12.21.0	8.72.0	34.89.0	43.61.0		St Tank Bund - 1238m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1800m.																	
84	Kalpattu Tank	26.54.0	14.29.0	10.21.0	40.83.0	51.04.0		St Tank Bund - 1670m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
	Total	**127.42.0**	**65.82.0**	**47.91.0**	**193.24.0**	**241.15.0**		**St Tank Bund - 7081m. RC Of Sluices - 8Nos. RE to Weir - 5Nos. DS channel - 9800m.**																	
	CLUSTER NO .18																								
85	Kadukkalur Peria eri	108.73.0	72.49.0	39.78.0	181.22.0	221.00.0		St Tank Bund - 1960m. RC Of Sluices - 2Nos. RE to Weir - 2Nos. DS channel - 2000m.																	
86	Othivilagam Tank	39.13.0	21.07.0	15.05.0	60.20.0	75.25.0		St Tank Bund - 1637m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1760m.																	
87	Villivakkam Tank	29.80.0	14.02.0	11.65.0	43.82.0	55.47.0		St Tank Bund - 1080m. RE to Weir - 1No. DS channel - 1000m.																	

88	Velur Peria eri & Pudu eri	42.97.0	21.17.0	18.09.0	64.14.0	82.23.0		St Tank Bund - 1846m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 1000m.																		
89	Velur Chitheri Tank	37.78.0	21.24.0	13.85.0	59.02.0	72.87.0		St Tank Bund - 978m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 1650m.																		
90	Vedal Thangal Tank	166.97.0	89.91.0	64.22.0	256.88.0	321.10.0		RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1650m.																		
	Total	**425.38.0**	**239.90.0**	**######**	**665.28.0**	**827.92.0**		**St Tank Bund - 7841m. RC Of Sluices - 10Nos. RE to Weir - 7Nos. DS channel - 9060m.**																		
	CLUSTER NO .19																									
91	Cheyyur Peria eri	77.87.0	41.93.0	29.94.5	119.80.0	149.74.5		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1500m.																		
92	Cheyyur Nemaneri	31.71.0	17.83.0	13.17.0	49.54.0	62.71.0		St Tank Bund - 740m. RC Of Sluices - 1No. DS channel - 1150m.																		
93	Cheyyur Nemilithangal	20.59.0	11.09.0	8.41.5	31.68.0	40.09.5		St Tank Bund - 907m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2000m.																		
94	Cheyyur Puthur Tank	31.60.0	17.02.0	12.15.0	48.62.0	60.77.0		St Tank Bund - 1150m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																		
95	Veerabogam Tank	18.88.0	10.18.0	11.80.0	29.06.0	40.86.0		St Tank Bund - 813m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 3000m.																		
96	Ammanur Tank	27.24.0	18.16.0	11.34.0	45.40.0	56.74.0		St Tank Bund - 1236m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1300m.																		
	Total	**207.89.0**	**116.21.0**	**86.82.0**	**324.10.0**	**410.92.0**		**St Tank Bund - 4846m. RC Of Sluices - 8Nos. RE to Weir - 5Nos. DS channel -**																		

								10950m.																	
	CLUSTER NO .20																								
97	Nemandam Tank	22.84.0	12.30.0	8.60.0	35.14.0	43.74.0		St Tank Bund - 1040m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2000m.																	
98	Iranyachithi Tank	24.45.0	13.16.0	10.61.0	37.61.0	48.22.0		St Tank Bund - 777m. RC Of Sluices - 1No. RE to Weir - 2Nos. DS channel - 1500m.																	
99	Chinnavelikkadu Tank	44.00.5	20.70.0	26.24.0	64.70.5	90.94.5		St Tank Bund - 805m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1500m.																	
100	Thiruvadur Tank	26.28.0	17.52.0	9.62.0	43.80.0	53.42.0		St Tank Bund - 983m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1500m.																	
101	Melapattu siruvangunam	152.51.0	93.47.0	69.39.0	245.98.0	315.37.0		St Tank Bund - 1490m. RC Of Sluices - 3Nos. DS channel - 1800m.																	
102	Kadugupattu chitheri	21.72.0	10.23.0	8.49.0	31.95.0	40.44.0		St Tank Bund - 1087m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1500m.																	
103	Palur Tank	26.28.0	17.52.0	9.64.0	43.80.0	53.44.0		St Tank Bund - 750m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1500m.																	
	Total	**318.08.5**	**184.90.0**	**142.59.0**	**502.98.5**	**645.57.5**		**St Tank Bund - 6932m. RC Of Sluices - 16Nos. RE to Weir - 9Nos. DS channel - 11300m.**																	
	CLUSTER NO .21																								
104	Ozhavetti Tank	24.00.0	17.50.0	17.87.0	41.50.0	59.37.0		St Tank Bund - 970m. RC Of Sluices - 2 Nos. RE to Weir - 1No. DS channel -																	

								3500m.																	
105	Chinnavenmani Periyaeri	26.88.0	19.88.0	20.04.0	46.76.0	66.80.0		St Tank Bund - 1150m. RC Of Sluices - 1 No. RE to Weir - 2Nos. DS channel - 1800m.																	
106	Pavundankaranai Tank	22.72.0	16.45.0	16.82.0	39.17.0	55.99.0		St Tank Bund - 740m. RC Of Sluices - 2 Nos. RE to Weir - 1No. DS channel - 2000m.																	
107	Maruvalam Periyaeri	17.60.0	12.61.0	13.13.0	30.21.0	43.34.0		St Tank Bund - 690m. RC Of Sluices - 2 Nos. RE to Weir - 1No. DS channel - 2000m.																	
108	Onambakkam Tank	33.56.0	24.30.0	24.80.0	57.86.0	82.66.0		St Tank Bund - 2200m. RC Of Sluices - 2 Nos. RE to Weir - 2Nos. DS channel - 2200m.																	
109	Irumbedu Periyaeri	50.23.0	25.14.0	29.00.0	75.37.0	104.37.0		St Tank Bund - 2740m. RC Of Sluices - 2 Nos. RE to Weir - 3 Nos. DS channel - 3500m.																	
	Total	**174.99.0**	**115.88.0**	**######**	**290.87.0**	**412.53.0**		**St Tank Bund - 8490m. RC Of Sluices - 11 Nos. RE to Weir - 10Nos. DS channel - 15000m.**																	
	CLUSTER NO .22																								
110	Dhadhapuram Small tank	35.54.0	19.13.0	22.15.5	54.67.0	76.82.5		St Tank Bund - 1400m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
111	Dhadhapuram Big tank	84.64.0	48.37.5	13.40.0	133.01.5	146.41.5		RC Of Sluices - 1No. RE to Weir - 2Nos. DS channel - 2000m.																	

112	Kodiyam Tank	49.25.5	28.07.0	8.65.0	77.32.5	85.97.5		St Tank Bund - 1200m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 3100m.																		
113	Ammanampakkam Tank	21.31.0	11.47.0	10.46.5	32.78.0	43.24.5		St Tank Bund - 900m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1100m.																		
	Total	**190.74.5**	**107.04.5**	**54.67.0**	**297.79.0**	**352.46.0**		**St Tank Bund - 3500m. RC Of Sluices - 7Nos. RE to Weir - 5Nos. DS channel - 8200m.**																		
	CLUSTER NO .23																									
114	Vairapuram Tank	74.55.0	40.15.0	38.03.0	114.70.0	152.73.0																				
115	Thenkaipakkam Tank	25.48.0	13.71.0	8.05.5	39.19.0	47.24.5		St Tank Bund - 650m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1400m.																		
116	Saram Big tank	62.33.0	33.56.0	7.60.0	95.89.0	103.49.0		St Tank Bund - 2300m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 3000m.																		
	Total	**162.36.0**	**87.42.0**	**53.68.5**	**249.78.0**	**303.46.5**		**St Tank Bund - 2950m. RC Of Sluices - 3Nos. RE to Weir - 2Nos. DS channel - 4400m.**																		
	CLUSTER NO .24																									
117	Puliyur Tank	23.47.0	12.63.5	13.97.5	36.10.5	50.08.0		St Tank Bund - 1000m. RC Of Sluices - 1No. RE to Weir - 2Nos. DS channel - 1500m.																		
118	Neikuppei Tank	28.68.5	15.46.0	5.27.0	44.14.5	49.41.5		St Tank Bund - 1200m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1200m.																		
119	Melpakkam Tank	53.86.5	29.01.0	13.97.5	82.87.5	96.85.0		St Tank Bund - 1050m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel -																		

								1000m.																	
120	Sathanur Tank	30.72.5	16.55.0	6.45.0	47.27.5	53.72.5		RC Of Sluices - 2Nos. RE to Weir - 1No.																	
121	T.Panchallam Tank	41.27.5	22.23.0	4.90.5	63.50.5	68.41.0		St Tank Bund - 1300m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2000m.																	
	Total	**178.02.0**	**95.88.5**	**44.57.5**	**273.90.5**	**318.48.0**		**St Tank Bund - 4550m. RC Of Sluices - 7Nos. RE to Weir - 6Nos. DS channel - 5700m.**																	
	CLUSTER NO .25																								
122	Kilkudalore Tank	23.63.0	12.72.0	6.98.5	36.35.0	43.33.5		St Tank Bund - 1300m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1800m.																	
123	Saram Small Tank	39.50.0	21.26.5	13.45.0	60.76.5	74.21.5		St Tank Bund - 1300m. RE to Weir - 1No. DS channel - 2000m.																	
124	Pallipakkam Tank	15.27.0	8.21.5	5.15.0	23.48.5	28.63.5		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																	
125	Kiladanur Tank	37.78.0	20.34.0	9.45.0	58.12.0	67.57.0		RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1200m.																	
	Total	**116.18.0**	**62.54.0**	**35.03.5**	**178.72.0**	**213.75.5**		**St Tank Bund - 2600m. RC Of Sluices - 5Nos. RE to Weir - 4Nos. DS channel - 7000m.**																	
	CLUSTER NO .26																								
126	Olakkur Tank	35.13.0	18.91.0	12.30.0	54.04.0	66.34.0		RC Of Sluices - 2Nos. DS channel - 2500m.																	
127	Kutichikolathur Tank	48.74.0	26.23.0	15.30.0	74.97.0	90.27.0		St Tank Bund - 1700m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2100m.																	

128	Karikkampattu Tank	24.76.0	13.33.0	5.61.5	38.09.0	43.70.5		St Tank Bund - 2200m. RC Of Sluices - 3Nos. RE to Weir - 1No. DS channel - 1300m.																			
129	Ongur (Big)	71.48.0	38.50.0	35.49.5	109.98.0	145.47.5		-																			
130	Ongur (Small)	52.24.0	28.12.0	14.65.0	80.36.0	95.01.0		-																			
131	Kambur Tank	32.06.0	17.25.0	8.20.5	49.31.0	57.51.5		St Tank Bund - 1800m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2000m.																			
	Total	**264.41.0**	**142.34.0**	**91.56.5**	**406.75.0**	**498.31.5**		**St Tank Bund - 5700m. RC Of Sluices - 7Nos. RE to Weir - 3Nos. DS channel - 7900m.**																			
	CLUSTER NO .27																										
132	Annambakkam big Tank	26.82.0	14.44.0	12.36.0	41.26.0	53.62.0		St Tank Bund - 2400m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2500m.																			
133	Ananmpakkam small Tank	21.20.0	11.41.5	9.75.0	32.61.5	42.36.5		St Tank Bund - 1650m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 750m.																			
134	Vadakalavai Tank	33.14.0	17.83.5	25.88.0	50.97.5	76.85.5		St Tank Bund - 2500m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2500m.																			
135	Kadavampakkam Tank	77.63.0	41.81.0	39.38.0	119.44.0	158.82.0		RC Of Sluices - 2Nos. RE to Weir - 1No.																			
136	Avanipur Tank	115.49.0	62.20.0	89.75.5	177.69.0	267.44.5		RC Of Sluices - 1No.																			
	Total	**274.28.0**	**147.70.0**	**######**	**421.98.0**	**599.10.5**		**St Tank Bund - 6550m. RC Of Sluices - 7Nos. RE to Weir - 4Nos. DS channel - 5750m.**																			
	CLUSTER NO .28																										
137	Pankolathur Tank	50.26.0	27.05.0	11.44.0	77.31.0	88.75.0		St Tank Bund - 1830m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2100m.																			

138	Eappakam Tank	21.11.0	11.36.0	8.30.0	32.47.0	40.77.0		St Tank Bund - 1050m. RC Of Sluices - 1No. RE to Weir - 2Nos. DS channel - 3500m.																		
139	Kilpasar Tank	61.19.0	32.84.5	8.25.0	94.03.5	102.28.5		RC Of Sluices - 1No. RE to Weir - 2Nos.																		
140	Atchipakkam Tank	18.85.5	10.16.0	13.32.0	29.01.5	42.33.5		St Tank Bund - 1350m. RE to Weir - 1No. DS channel - 1500m.																		
141	Senthamangalam Tank	32.26.0	17.37.0	19.27.5	49.63.0	68.90.5		St Tank Bund - 1600m.RC Of Sluices - 2Nos.RE to Weir - 2Nos.DS channel - 2900m.																		
	Total	**183.67.5**	**98.78.5**	**60.58.5**	**282.46.0**	**343.04.5**		**St Tank Bund - 5830m. RC Of Sluices - 5Nos. RE to Weir - 8Nos. DS channel - 10000m.**																		
	CLUSTER NO .29																									
142	Siruvadi Tank	35.87.0	19.31.0	13.50.0	55.18.0	68.68.0		St Tank Bund - 1100m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																		
143	Vadanergunam Tank	65.61.0	35.32.5	5.54.5	100.93.5	106.48.0		St Tank Bund - 1200m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1600m.																		
144	Nallur	61.53.0	33.12.0	9.98.0	94.65.0	104.63.0		St Tank Bund - 2100m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 2000m.																		
145	Nagar periaeri	98.35.0	52.95.0	15.40.0	151.30.0	166.70.0		St Tank Bund - 2830m. RC Of Sluices - 5Nos. RE to Weir - 3Nos. DS channel - 8000m.																		
146	Nagar Chitheri																									
	Total	**261.36.0**	**140.70.5**	**44.42.5**	**402.06.5**	**446.49.0**		**St Tank Bund - 7230m. RC Of Sluices - 11Nos. RE to Weir - 6Nos. DS channel - 13600m.**																		
	CLUSTER NO .30																									

147	Alathur Tank	34.06.0	18.33.5	11.10.0	52.39.5	63.49.5		St Tank Bund - 840m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1100m.																			
148	Nagarpakkam Tank	24.81.0	12.36.0	4.87.5	37.17.0	42.04.5		St Tank Bund - 1100m.RC Of Sluices - 2Nos.RE to Weir - 1No.DS channel - 1000m.																			
149	Asapur peria eri	79.72.0	42.91.5	8.01.0	122.63.5	130.64.5																					
150	Asapur Chitheri																										
151	Kurumparam Tank	36.59.0	19.69.0	7.29.0	56.28.0	63.57.0		St Tank Bund - 1300m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1000m.																			
A7	Kollimedu Anicut	58.90.0	31.71.5	16.10.0	90.61.5	106.71.5		Anicut Improvement																			
	Total	**234.08.0**	**125.01.5**	**47.37.5**	**359.09.5**	**406.47.0**		**St Tank Bund - 3200m. RC Of Sluices - 4Nos. RE to Weir - 3No. DS channel - 3100m.**																			
	CLUSTER NO .31																										
152	Nolambur Tank	51.83.0	31.07.5	14.06.0	82.90.5	96.96.5		St Tank Bund - 880m. RC Of Sluices - 3Nos. RE to Weir - 2Nos. DS channel - 4000m.																			
153	Senalur Bootheri Hissa Tank	38.10.0	20.51.0	7.20.0	58.61.0	65.81.0		St Tank Bund - 1200m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1500m.																			
154	Kilsevoor Tank	41.61.0	22.40.0	16.88.0	64.01.0	80.89.0		St Tank Bund - 1500m. RC Of Sluices - 1No. RE to Weir - 3Nos. DS channel - 3000m.																			
155	Atchipakkam Big Tank	24.26.0	13.05.0	13.32.0	37.31.0	50.63.0		St Tank Bund - 760m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1200m.																			

	Total	**155.80.0**	**87.03.5**	**51.46.0**	**242.83.5**	**294.29.5**		**St Tank Bund - 4340m. RC Of Sluices - 7Nos. RE to Weir - 7Nos. DS channel - 9700m.**																		
	CLUSTER NO .32																									
156	Pappanallur Tank	20.16.0	14.10.5	8.15.5	34.26.5	42.42.0		St Tank Bund - 1470m. DS channel - 1000m.																		
157	Thellar peria eri	60.31.0	40.10.0	33.54.0	100.41.0	133.95.0		St Tank Bund - 1020m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1200m.																		
158	Thellar Chitheri	29.44.0	18.36.0	15.94.0	47.80.0	63.74.0		St Tank Bund - 2227m. RC Of Sluices - 2Nos. DS channel - 1400m.																		
159	Measanallur big Tank	23.17.0	13.55.0	22.97.0	36.72.0	59.69.0		St Tank Bund - 1800m. DS channel - 1100m.																		
160	Kodiyalam Tank	43.34.0	21.16.0	13.87.0	64.50.0	78.37.0		St Tank Bund - 1440m. RC Of Sluices - 3Nos. DS channel - 1600m.																		
161	S.Katteri Tank	17.06.0	10.12.0	16.91.0	27.18.0	44.09.0		St Tank Bund - 1110m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 2200m.																		
162	Theyyar Chitheri	64.53.0	28.75.0	31.90.0	93.28.0	125.18.0		St Tank Bund - 2070m. RC Of Sluices - 1No. DS channel - 2400m.																		
163	Theyyar big Tank	77.39.0	41.98.0	39.79.0	119.37.0	159.16.0		St Tank Bund - 1717m. RC Of Sluices - 1No. DS channel - 1800m.																		
	Total	**335.40.0**	**188.12.5**	**######**	**523.52.5**	**706.60.0**		**St Tank Bund - 12854m. RC Of Sluices - 9Nos. RE to Weir - 2Nos. DS channel - 13100m.**																		
	CLUSTER NO .33																									
164	Nallur big Tank	111.70.0	93.84.0	42.71.0	205.54.0	248.25.0		RE to Weir - 3 Nos.																		
165	Nallur palaveri	40.48.0	29.03.0	23.16.0	69.51.0	92.67.0		-																		

166	Ramasamudram chitheri	32.51.0	19.27.0	39.69.0	51.78.0	91.47.0		St Tank Bund - 900m. RC Of Sluices - 1No. RE to Weir - 1No. DS channel - 1200m.																			
167	Ramasamudram big Tank							-																			
168	Padur Tank	60.66.0	14.27.0	7.22.0	74.93.0	82.15.0		-																			
169	Mavalavadi Tank	22.13.0	12.52.0	13.10.0	34.65.0	47.75.0		St Tank Bund - 1050m. RC Of Sluices - 2Nos. RE to Weir - 1No. DS channel - 1100m.																			
170	Sathiyavadi Tank	48.94.0	10.94.5	3.18.5	59.88.5	63.07.0		-																			
171	Mudur Tank	21.61.0	15.84.0	9.36.0	37.45.0	46.81.0		RE to Weir - 1No. DS channel - 4000m.																			
172	Amudur Tank	30.36.0	10.64.0	8.00.0	41.00.0	49.00.0		St Tank Bund - 990m. RC Of Sluices - 3Nos. DS channel - 2100m.																			
	Total	**368.39.0**	**206.35.5**	**######**	**574.74.5**	**721.17.0**		**St Tank Bund - 2940m. RC Of Sluices - 6Nos. RE to Weir - 6Nos. DS channel - 8400m.**																			

ABSTRACT -CONVERGENT TABLE

Sl.No	Name of the Cluster/ Village	Total Ayacut (Ha)			Total Area (Ha)			WRD	Agriculture		TNAU		Horticulture		Agricultural Marketing		Agricultural Engineering		Fisheries		Animal Husbandry					
		FI	PI	Gap	Wop	WP	Gap		Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha	Act	No./ Ha				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
1	CLUSTER NO .1	154.97.0	99.01.5	122.75.5	253.98.5	376.74.0		St Tank Bund - 3536m. RC Of Sluices - 7Nos. RE to Weir - 4Nos. DS channel - 8780m.																		
2	CLUSTER NO .2	274.21.5	111.68.5	63.71.5	385.90.0	449.61.5		St Tank Bund - 4760m. RC Of Sluices - 8Nos. RE to Weir - 3Nos. DS channel - 9580m.																		
3	CLUSTER NO .3	236.05.0	111.95.0	86.09.5	348.00.0	434.09.5		St Tank Bund - 5885m. RC Of Sluices - 8Nos. RE to Weir - 4Nos. DS channel - 10600m.																		
4	CLUSTER NO .4	175.01.0	114.17.0	106.52.5	289.18.0	484.52.5		St Tank Bund - 6460m. RC Of Sluices - 12Nos. RE to Weir - 9Nos. DS channel - 15400m.																		
5	CLUSTER NO .5	240.82.5	126.23.0	62.67.5	367.05.5	429.73.0		St Tank Bund - 5335m. RC Of Sluices - 7Nos. RE to Weir - 5Nos. DS channel - 8600m.																		
6	CLUSTER NO .6	191.24.0	109.67.0	119.56.5	300.91.0	420.47.5		St Tank Bund - 2837m. RC Of Sluice - 9Nos. RE to Weir - 5Nos. DS channel - 16650m.																		
7	CLUSTER NO .7	218.83.0	133.09.5	56.00.5	351.92.5	407.93.0		St Tank Bund - 4935m. RC Of Sluices - 8Nos. RE to Weir - 4Nos. DS channel - 9050m.																		

8	CLUSTER NO .8	133.17.5	79.56.0	113.89.5	212.73.5	326.63.0		St Tank Bund - 3680m. RC Of Sluices - 3Nos. RE to Weir - 3Nos. DS channel - 11900m.																	
9	CLUSTER NO .9	131.77.0	69.64.5	50.65.0	201.41.5	252.06.5		St Tank Bund - 2900m. RC Of Sluices - 6Nos. RE to Weir - 5Nos. DS channel - 4275m.																	
10	CLUSTER NO .10	233.44.0	127.68.0	91.87.0	361.12.0	452.99.0		St Tank Bund - 2600m. RC Of Sluices - 6Nos. RE to Weir - 7Nos. DS channel - 10200m.																	
11	CLUSTER NO .11	225.83.0	123.45.0	81.56.0	349.28.0	430.84.0		St Tank Bund - 4660m. RC Of Sluices - 8Nos. RE to Weir - 7Nos. DS channel - 19285m.																	
12	CLUSTER NO .12	174.68.0	88.64.0	63.64.0	263.32.0	326.96.0		St Tank Bund - 7575m. RC Of Sluices - 7Nos. RE to Weir - 6Nos. DS channel - 13420m.																	
13	CLUSTER NO .13	255.02.0	141.73.0	82.77.0	396.75.0	479.52.0		St Tank Bund - 3165m. RC Of Sluices - 4Nos. RE to Weir - 5Nos. DS channel - 11400m.																	
14	CLUSTER NO .14	146.61.5	74.70.5	52.03.0	221.32.0	273.35.0		St Tank Bund - 5462m. RC Of Sluices - 6Nos. RE to Weir - 6Nos. DS channel - 12865m.																	
15	CLUSTER NO .15	297.46.5	167.22.5	101.97.0	464.69.0	566.66.0		St Tank Bund - 4505m. RC Of Sluices - 6Nos. RE to Weir - 6Nos. DS channel - 18785m.																	

16	CLUSTER NO .16	216.58.0	125.64.0	66.66.0	342.22.0	408.88.0		St Tank Bund - 7035m. RC Of Sluices - 7Nos. RE to Weir - 5Nos. DS channel - 13695m.																	
17	CLUSTER NO .17	127.42.0	65.82.0	47.91.0	193.24.0	241.15.0		St Tank Bund - 7081m. RC Of Sluices - 8Nos. RE to Weir - 5Nos. DS channel - 9800m.																	
18	CLUSTER NO .18	425.38.0	239.90.0	162.64.0	665.28.0	827.92.0		St Tank Bund - 7841m. RC Of Sluices - 10Nos. RE to Weir - 7Nos. DS channel - 9060m.																	
19	CLUSTER NO .19	207.89.0	116.21.0	86.82.0	324.10.0	410.92.0		St Tank Bund - 4846m. RC Of Sluices - 8Nos. RE to Weir - 5Nos. DS channel - 10950m.																	
20	CLUSTER NO .20	318.08.5	184.90.0	142.59.0	502.98.5	645.57.5		St Tank Bund - 6932m. RC Of Sluices - 16Nos. RE to Weir - 9Nos. DS channel - 11300m.																	
21	CLUSTER NO .21	174.99.0	115.88.0	121.66.0	290.87.0	412.53.0		St Tank Bund - 8490m. RC Of Sluices - 11 Nos. RE to Weir - 10Nos. DS channel - 15000m.																	
22	CLUSTER NO .22	190.74.5	107.04.5	54.67.0	297.79.0	352.46.0		St Tank Bund - 3500m. RC Of Sluices - 7Nos. RE to Weir - 5Nos. DS channel - 8200m.																	
23	CLUSTER NO .23	162.36.0	87.42.0	53.68.5	249.78.0	303.46.5		St Tank Bund - 2950m. RC Of Sluices - 3Nos. RE to Weir - 2Nos. DS channel - 4400m.																	

24	CLUSTER NO .24	178.02.0	95.88.5	44.57.5	273.90.5	318.48.0		St Tank Bund - 4550m. RC Of Sluices - 7Nos. RE to Weir - 6Nos. DS channel - 5700m.																		
25	CLUSTER NO .25	116.18.0	62.54.0	35.03.5	178.72.0	213.75.5		St Tank Bund - 2600m. RC Of Sluices - 5Nos. RE to Weir - 4Nos. DS channel - 7000m.																		
26	CLUSTER NO .26	264.41.0	142.34.0	21.56.5	406.75.0	498.31.5		St Tank Bund - 5700m. RC Of Sluices - 7Nos. RE to Weir - 3No. DS channel - 7900m.																		
27	CLUSTER NO .27	274.28.0	147.70.0	177.12.5	421.98.0	599.10.5		St Tank Bund - 6550m. RC Of Sluices - 7Nos. RE to Weir - 4Nos. DS channel - 5750m.																		
28	CLUSTER NO .28	183.67.5	98.78.5	60.58.5	282.46.0	343.04.5		St Tank Bund - 5830m. RC Of Sluices - 5Nos. RE to Weir - 8Nos. DS channel - 10000m.																		
29	CLUSTER NO .29	261.36.0	140.70.5	44.42.5	402.06.5	446.49.0		St Tank Bund - 7230m. RC Of Sluices - 11Nos. RE to Weir - 6Nos. DS channel - 13600m.																		
30	CLUSTER NO .30	234.08.0	125.01.5	47.37.5	359.09.5	406.47.0		St Tank Bund - 3200m. RC Of Sluices - 4Nos. RE to Weir - 3Nos. DS channel - 3100m.																		
31	CLUSTER NO .31	155.80.0	87.03.5	51.46.0	242.83.5	294.29.5		St Tank Bund - 4340m. RC Of Sluices - 7Nos. RE to Weir - 7Nos. DS channel - 9700m.																		

32	CLUSTER NO .32	335.40.0	188.12.5	183.07.5	523.52.5	706.60.0		St Tank Bund - 12854m. RC Of Sluices - 9Nos. RE to Weir - 2Nos. DS channel - 13100m.																			
33	CLUSTER NO .33	368.39.0	206.35.5	146.42.5	574.74.5	721.17.0		St Tank Bund - 2940m. RC Of Sluices - 6Nos. RE to Weir - 6Nos. DS channel - 8400m.																			
	TOTAL	7341.91.0	4046.84.0	2874.00.0	11388.75.0	14262.75.0		St Tank Bund - 177227m. RC Of Sluices - 238Nos. RE to Weir - 173Nos. DS channel - 347445m.																			

1.2. HYDROLOGY

1.2.1 GENERAL

Ongur sub basin is one of the three sub basins in varahanadhi basin, which is one of the major River basin in Tamil Nadu. The Ongur river confluences into Yedayantittu Kaluveli tank.

1.2.2 LOCATION

The Ongur sub basin located in the Villupuram, Thiruvannamalai and Kancheepuram districts of Tamil Nadu. The total area of sub basin is 624sq km. The taluks covered in this sub basin are Tindivanam in Villupuram district Vandavasi in Thiruvannamalai district, Madurantakam and Cheyyur taluks in Kancheepuram district.

Ongur river originates in Tindivanam taluk of Villupuram district. In the initial reach it has two arms. The right arm originates from the surplus course of Vairapuram tank, which is fed by number of upper tanks and empties into Saram Eri (tank). In addition to that, the drainage course to Saram Eri is also receiving water from number of tanks on either side. The surplus course of Saram Eri called Saram River or Saram Odai flows towards the north eastern direction.

Similarly the left arm called Nariyar Odai or Murungai Odai originates from surplus course of Olakkur Melpadi Eri which is fed by surplus water of number of tanks. It joins the Saram Odai about 3 Kms. west of Ongur village. From this point the river is called **Ongur River.**

1.2.3 CATCHMENT AREA OF ONGUR SUB BASIN

The Catchment area of this Sub Basin is 796 SqKm. This Sub Basin receives rain fall from North – East monsoon. There are 172 non system tanks under the control of WRO, PWD with a total registered ayacut of 14262.75 Ha.

1.2.4 HYDRO METEOROLOGY

The Hydro Meteorology parameters include rain fall, temperature, humidity, wind velocity, evaporation and duration of sun shine which determine the climate of the basin.

1.2.5 RAIN FALL

Average annual rain fall of gauging stations influencing this sub basin is as follows.

Influencing Rain gauge Stations of Ongur Sub Basin

Sl. No.	Sub Basin	Raingauge Station	Raingauge Station Area	Sub Basin Area	Weight in %	Annual Average rainfall in mm	Annual average weighted rainfall for the sub basin in mm
1	Ongur	Tindivanam	411.00	1095.79	0.38	1007	382.66
2		Vandavasi	134.79		0.12	1124	134.88
3		Marakkanam	550.00		0.50	1141	570.50
4		Madurantakam	460.00	290.00	-	1256.00	1256.00
5		Cheyyur	348.00	434.00	-	1049.00	1049.00

a. CLIMATE

The weather station considered is furnished below:

Name of the weather station	Maintained by
Kilnatchipattu	PWD,WRO (SG & SWRDC)

The climatological values of this river basin are given in the following Table:

Climatological Parameters

Sl.No.	Climatological Parameter	Kilnatchipattu
1	Average monthly temperature max. / min. in ^{0} Celsius	31.33 / 23.51
2	Average mean temperature in ^{0} Celsius	28.57^{0} Celsius
3	Average relative humidity in %	69.58
4	Average wind velocity in km / hour	151.95
5	Average pan evaporation in mm / month	197.43
6	Average Sunshine hours / day	6.92

TEMPERATURE

The meteorological features of the basin have been studied from the data collected from Kilnatchipattu weather station. Temperature is one of the factors under climatological features and it is one of the main parameters to calculate the crop water requirement (i.e. evapotranspiration).

b. SOIL CLASSIFICATION

Soil is one of the natural resources, which has the most direct impact on agricultural development. In an agrarian country like India, it becomes necessary to take steps for its proper conservation and management. Soil surveys provide nature of soils, their extent physico chemical characteristics etc.

The soils of the Ongur sub basin have been shown in plate - ONG - .
The major soils types found this river basins is Clayey skeletal, mixed, Lithic Rhodustalfs Rock outcrops, Typic Haplustalfs Fine, mixed, Fine loamy, mixed, Typic Haplustalf, Fine, mixed, Typic Rhodulstalfs, Mixed Typic Ustipsamments, Fine, Mixed, Typic Ustropepts, Fine, montmorillonitic, Udorthentic Choromusters, Fine,

montmorillonitic, Vertic Ustropepts and Marsh. Due to different stage of weathering of parent material, the above soil types are met with in combination.

b. 1. LAND HOLDINGS

The details of farm holdings and size classes prevent in Ongur sub basin are given below

Category	Size of holdings	Numbers	Percentage
Marginal	Below 1.00 Ha	17200	60.42%
Small	1.00-2.00 Ha	6880	24.17%
Medium	2.00-5.00 Ha	3440	12.09%
Big	5.0 Ha & above	946	3.32%
Total		28466	100%

Above table revealed that the marginal farmers alone accounted for 60.42 percent in the sub basin followed by small farmers. Developmental initiatives will need to take the fact into account.

1.2.6 DEMOGRAPHY

Name of Sub Basin	Total No. of Blocks	Total No. Villages	Population (in Million)		
			2005	2010	2020
Ongur Sub Basin	8	150	0.435	0.466	0.534

1.2.10 CROPPING PATTERN OF ONGUR SUB BASIN

Name of the Sub-basin : Ongur Basin

District : Kancheepuram,Villupuram,
Tiruvannamalai

Fully Irrigated : Ha 7341.91

Partially Irrigated : Ha 4046.85

Gap area : Ha 2873.99

Total Registered Ayacut area : Ha 14262.75

Sl No	Crop	Without Project				With Project				Increasing
		FI	PI	RF/G	Total	FI	PI	RF/G	Total	
	I. Perennial Crops									
1	Mango	10	65	0	75	113	0	0	113	38
2	Guava	0	10	0	10	30	0	0	30	20
3	Cashew	25	55	0	80	80	0	0	90	0
4	Casuring	0	118	62	178	297	0	0	297	119
5	Flowers	0	6	0	6	39	0	0	39	33
6	Coconut	0	20	0	20	25	0	0	25	5
7	Fodder grass	2	45	0	47	85	0	0	85	38
	Total	**37**	**317**	**62**	**416**	**669**	**0**	**0**	**669**	**253**
	II. Annual Crop									
1	TC Banana	0	0	0	0	35	0	0	35	35
2	Banana	35.67	17	0	52.67	95	0	0	95	44.73
3	Sugarcane	599.73	217.01	0	816.74	849	0	0	849	0
	Total	**63**	**234.01**	**0**	**869.41**	**979**	**0**	**0**	**979**	**79.73**
	III. 1st Crop									

	(June-Sep)									
1	Paddy	5846.58	210.49	0	6057.07	0	0	0	0	(-)6057.07
2	Paddy SRI	0	0	0	0	4575	0	0	4575	(+)4575
3	Maize	156	90	0	246	458	0	0	458	210
4	Groundnut	251.93	1248.2	332.07	1832.15	2452.88	0	0	458	210
5	Pulses	0	1330.2	240	1570.2	2411.10	0	0	2411.1	840.75
6	Cumbu	0	10	0	10	0	0	0	0	0
7	Vegetables									
II	Tomato	0	8	0	8	55	0	0	55	47
II	Bhendi	140	86	0	226	500	0	0	500	174
III	Brinjal	125	88	26.43	237.43	380	0	0	380	142.57
IV	Gourds	0	195	0	195	535	0	0	535	340
V	Radish	0	10	0	10	35	0	0	35	25
Sl No	**Crop**	**Without Project**				**With Project**				**Increasing**
		FI	**PI**	**RF/G**	**Total**	**FI**	**PI**	**RF/G**	**Total**	
VI	Curry leaf	0	0	0	0	10	0	0	10	10
VII	Cluster Beans	0	4	0	4	14	0	0	14	10
VIII	Greens	0	15	0	15	65	0	0	65	50
IX	Watermelon	90	128	0	218	766	0	0	765	548
X	Chilies	0	62	0	62	160	0	0	160	98
XI	Beans	0	0	0	0	10	0	0	10	10
XII	Vegetable Cowpea	0	0	0	0	10	0	0	10	10
XIII	Coriander	0	0	0	0	24.77	0	0	24.77	24.77
XI	Crossandera	60	13	0	73	85	0	0	85	12

V										
	Vegetable Total	**415**	**607**	**26.43**	**1048.43**	**2649.77**	**0**	**0**	**2649.77**	**1501.34**
8	Fallow	0	0	2193.5	2193.49	0	0	0	0	0
9	Fodder Cholam	0	0	20	20	70	0	0	70	0
	Total	**0**	**0**	**20**	**20**	**70**	**0**	**0**	**70**	**50**
	Grand Total	**7341.91**	**4046.9**	**2874**	**14262.75**	**14262.75**	**0**	**0**	**14262.75**	
IV	2nd Crop									
1	Paddy	1594.16	0	0	1594.16	0	0	0	0	0
2	Paddy SRI	0	0	0	0	1710	0	0	1710	1710
3	Groundnut	0	597.54	0	597.54	1250	0	0	1250	352.46
4	Pulses	0	847	0	847	1725	0	0	1725	878
5	Maize	0	250	0	250	600	0	0	600	350
6	Bendi	2	0	0	2	3	0	0	3	1
	Total	**1596.16**	**1694.5**	**0**	**3290.7**	**5288**	**0**	**0**	**5288**	
V	3rd Crop				0				0	
1	Paddy	692.58	0	0	692.58	600	0	0	600	
2	Groundnut	0	0	0	0	200	0	0	200	200
3	Pulses	0	0	0	0	200	0	0	200	200
	Total	**692.58**	**0**	**0**	**692.58**	**1000**	**0**	**0**	**1000**	
	Great Grand Total	**9630.65**	**5741.4**	**2874**	**18246**	**20550.75**	**0**	**0**	**20550.75**	
	Cropping Intensity				**112.55 %**				**144.09 %**	

1.2.11 LIVE STOCK- POPULATION

Name of Sub Basin	Cattle	Buffalo	Sheep	Goats	Pigs	Dogs	Bovines	Ovines	Horses & Ponies	Mules & Donkeys	Rabbits	Fowls	Ducks	Other birds
Ongur sub basin	117434	34946	17543	58317	5984	19673	152380	110634	81	430	368	165762	11865	66
Annual require ment	18.030 Mcum													

1.2.12 INDUSTRIES & ANNUAL WATER DEMAND IN Mcum

Name of Sub Basin	Medium Industries			Small industries			Water Requirements		
	2005	2010	2020	2005	2010	2020	2007	2010	2025
Ongur Sub Basin	41	53	87	2729	3602	5783	15.86	23.86	33.62

1.2.13 CROP WATER REQUIREMENT (WITHOUT PROJECT)

Sl. No	**Name of Crop**	**Area in Ha**	**Crop water requirement in mm**	**Total Crop water requirement in Mcm**	**Irrigation water requirement in Mcm**	**Total Irrigation requirement in Mcm**
I	**Perennial Crops**					
1	Coconut	20.00	778	0.156	0.29	0.29
2	Mango	75.00	402	0.302	0.57	0.57
3	Guava	10.00	256	0.026	0.05	0.05
4	Cashew	80.00	644	0.515	0.97	0.97

5	Casuarina	116.00	138	0.160	0.30	0.30
6	Flowers\Tuberose	6.00	509	0.031	0.06	0.06
7	Fodder	47.00	290	0.136	0.26	0.26
	Sub Total	**354.00**		**1.320**	**2.50**	**2.50**
II	**Annual Crops**					
1	Sugarcane	816.74	821	6.705	12.65	12.65
2	Banana	52.67	778	0.410	0.77	0.77
3	T.C. Banana	0.00	778	0.000	0.00	0.00
	Sub Total	**869.41**		**7.120**	**13.42**	**13.42**
III	**1st crop (Sep-Jan)**					
1.a	Paddy	6057.07	1127	68.263	128.80	128.80
b	Paddy – SRI	0.00	789	0.000	0.00	0.00
2	Maize	246.00	329	0.809	1.53	1.53
3	Pulses	1330.20	323	4.297	8.11	8.11
4	Groundnut	1500.08	590	8.850	16.70	16.70
5	Cumbu	10.00	266	0.027	0.05	0.05
6	Tomato	8.00	462	0.037	0.07	0.07
7	Bhendi	226.00	315	0.712	1.34	1.34
8	Brinjal	211.00	464	0.979	1.85	1.85
9	Gourds	195.00	268	0.523	0.99	0.99
10	Radish	10.00	195	0.020	0.04	0.04
11	Curry Leaf	0.00	330	0.000	0.00	0.00
12	Cluster Beans	4.00	464	0.019	0.04	0.04
13	Greens	15.00	197	0.030	0.06	0.06
14	Watermelon	218.00	250	0.545	1.03	1.03
Sl. No	**Name of Crop**	**Area in Ha**	**Crop water requirement in mm**	**Total Crop water requirement in Mcm**	**Irrigation water requirement in Mcm**	**Total Irrigation requirement in Mcm**

15	Tapiaco	0.00	538	0.000	0.00	0.00
16	Chillies	62.00	538	0.334	0.63	0.63
17	Beans	0.00	462	0.000	0.00	0.00
18	Veg Cowpea	0.00	268	0.000	0.00	0.00
19	Coriander	0.00	306	0.000	0.00	0.00
20	Crossandra	73.00	350	0.256	0.48	0.48
21	Fodder Cholam	0.00	352	0.000	0.00	0.00
22	Fallow	0.00	0	0.000	0.00	0.00
	Sub Total	**10165.35**		**85.700**	**161.69**	**161.69**
	Grand Total (I+II+III)	**11388.76**		**94.140**	**177.62**	**177.62**
IV	**2nd Crop**					
1. a	Paddy	1594.16	597	9.517	17.96	17.96
b	Paddy – SRI	0.00	418	0.000	0.00	0.00
3	Maize	250.00	329	0.823	1.55	1.55
6	Pulses	847.00	209	1.770	3034	3034
2	Groundnut	597.54	477	2.850	5.38	5.38
5	Bhendi	2.00	315	0.006	0.01	0.01
	Total	**3290.70**		**14.970**	**28.24**	**28.24**
V	**3rd Crop**					
1. a	Paddy	692.58	683	4.730	8.93	8.93
b	Paddy - SRI	0.00	478	0.000	0.00	0.00
2	Pulses	0.00	323	0.000	0.00	0.00
3	Groundnut	0.00	467	0.000	0.00	0.00
	Total	**692.58**		**4.730**	**8.93**	**8.93**
	Great Grand Total	**15372.04**		**113.840**	**214.78**	**214.78**

ONGUR SUB BASIN

Water Potential Without Project				
Surface Water Potential (Mcm)		=	117.32	Mcm
Ground Water Potential (Mcm)		=	292.56	Mcm
Total Potential (Mcm)		**=**	**409.88**	Mcm
Water Demand with out Project				
Domestic	(Mcm)	=	23.64	Mcm
Livestock	(Mcm)	=	18.03	Mcm
Industrial	(Mcm)	=	23.86	Mcm
Irrigation	WRO	=	214.78	Mcm
	PU & GW	=	139.29	Mcm
Total Water Demand (Mcm)		**=**	**4109.60**	Mcm
Water Balance (Mcm)		**=**	**-9.72**	Mcm

1.2.13 CROP WATER REQUIREMENT (WITH PROJECT)

Sl. No	Name of Crop	Area in Ha	Crop water requirement in mm	Total Crop water requirement in Mcm	Irrigation water requirement in Mcm	Total Irrigation requirement in Mcm
I	**Perennial Crops**					
1	Coconut	25.00	778	0.195	0.35	0.35
2	Mango	113.00	402	0.454	0.81	0.81
3	Guava	30.00	256	0.077	0.14	0.14
4	Cashew	80.00	644	0.515	0.92	0.92
5	Casuarina	297.00	138	0.410	0.73	0.73
6	Flowers\Tuberose	39.00	509	0.199	0.35	0.35
7	Fodder	85.00	290	0.247	0.44	0.44
	Sub Total	**669.00**		**2.100**	**3.74**	**3.74**
II	**Annual Crops**					
1	Sugarcane	849.00	821	6.970	12.45	12.45
2	Banana	95.00	778	0.739	1.32	1.32
3	T.C. Banana	35.00	778	0.272	0.49	0.49
	Sub Total	**979.00**		**7.980**	**14.25**	**14.25**
III	**1st crop (Sep-Jan)**					
1.a	Paddy	0.00	1127	0.000	0.00	0.00
b	Paddy – SRI	4575.00	789	36.092	64.45	64.45
2	Maize	456.00	329	1.500	2.68	2.68
3	Pulses	2411.10	323	7.788	13.91	13.91
4	Groundnut	2452.88	590	14.472	25.84	25.84
5	Cumbu	0.00	266	0.000	0.00	0.00
6	Tomato	55.00	462	0.254	0.45	0.45
7	Bhendi	500.00	315	1.575	2.81	2.81

8	Brinjal	380.00	464	1.763	3.15	3.15
9	Gourds	535.00	268	1.434	2.56	2.56
10	Radish	35.00	195	0.068	0.12	0.12
11	Curry Leaf	10.00	330	0.033	0.06	0.06
12	Cluster Beans	14.00	464	0.068	0.12	0.12
13	Greens	65.00	197	0.128	0.23	0.23
14	Watermelon	766.00	250	1.915	3.42	3.42
Sl. No	**Name of Crop**	**Area in Ha**	**Crop water requirement in mm**	**Total Crop water requirement in Mcm**	**Irrigation water requirement in Mcm**	**Total Irrigation requirement in Mcm**
15	Tapiaco	0.00	538	0.000	0.00	0.00
16	Chillies	160.00	538	0.861	1.54	1.54
17	Beans	10.00	462	0.046	0.08	0.08
18	Veg Cowpea	10.00	268	0.027	0.05	0.05
19	Coriander	24.77	306	0.076	0.14	0.14
20	Crossandra	85.00	350	0.298	0.53	0.53
21	Fodder Cholam	70.00	352	0.246	0.44	0.44
22	Fallow	0.00	0	0.000	0.00	0.00
	Sub Total	**12614.75**		**68.640**	**122.57**	**122.57**
	Grand Total (I+II+III)	**14262.75**		**78.720**	**140.57**	**140.57**
IV	**2nd Crop**					
1. a	Paddy	0.00	597	0.000	0.00	0.00
b	Paddy – SRI	1710.00	418	7.146	12.76	12.76
2	Maize	600.00	329	1.974	3.53	3.53
3	Pulses	1725.00	209	3.605	6.44	6.44
4	Groundnut	1250.00	477	5.963	10.65	10.65
5	Bhendi	3.00	315	0.009	0.02	0.02
	Total	**5288.00**		**18.700**	**33.39**	**33.39**

V	3rd Crop					
1. a	Paddy	0.00	683	0.000	0.00	0.00
b	Paddy - SRI	600.00	478	2.869	5.12	5.12
2	Pulses	200.00	323	0.646	1.15	1.15
3	Groundnut	200.00	467	0.934	1.67	1.67
	Total	**1000.00**		**4.450**	**7.94**	**7.94**
	Great Grand Total	**20550.75**		**101.860**	**181.90**	**181.90**

ONGUR SUB BASIN

Water Potential With Project

Surface Water Potential (Mcm)		=	117.32	Mcm
Ground Water Potential (Mcm)		=	292.56	Mcm
Total Potential (Mcm)		**=**	**409.88**	Mcm
Water Demand with Project				
Domestic	(Mcm)	=	23.64	Mcm
Livestock	(Mcm)	=	18.03	Mcm
Industrial	(Mcm)	=	23.86	Mcm
Irrigation	WRO	=	181.90	Mcm
	PU & GW	=	139.29	Mcm
Total Water Demand (Mcm)		**=**	**386.72**	Mcm
Water Balance (Mcm)		**=**	**23.16**	Mcm

1.3 HYDRAULICS OF THE COMPONENTS

HYDRAULIC PARTICULARS OF ANICUTS

1.3.1 a)ANICUT

Sl.No	Name of Anaicut	Vilage	Ayacut(Ha)	Length of Anicut(M)	Crest Level of Anicut(M)	Front (M)	Free Sq.km	Combined Sq.km	Maximum flood discharge Cumecs\ Cuecs	Head Slulice Location	Vent(M)	Sill Level Sluice (M)	Discharge cumecs	Supply Chennel					Remarks
														Length(M)	Bed Width(M)	FSD(M)	Bed Slope	Nos of Sluice	
1	Chittamur	Chittamur	150.55.0	39	25	24	383	383	6674	Left Flank	1.20x1.50	24	0.5	2000	5	1.2	1\5000	1	
2	Karasangal Anicut	Karasangal	84.11.0	31	32	31	365	365	6050	Left Flank	1.20x0.40	32	0.3	1250	5	0.6	1\4000	2	
3	Veliyam Pakkam	Nedungal	103.68.5	45	32	32	425	425	6425	Right Flank	1.60x0.90	33	0.3	1050	5	0.5	1\4000	2	
4	Ongur Anicut	Venmelagaram	225.62.0	100	52	51	549	549	32080	Left Flank	3.25x3.25	50	0.5	5283	5	1	1\5000	1	
5	Arasur Anicut	Arasur	270.36.0	105	51	49	415	415	39444	Left Flank	1.20x1.20	50	0.3	3025	5	0.9	1\5000	3	
6	Konerikuppam Anicut	Konerikuppam	43.70.5	92	100	99	42.5	114.14.5	5770	-	-	99	-	3000	4	0.9	1\5000	-	
7	Kolimedu Anicut	Kolimedu	106.71.5	107	49.4	48.5	12.8	44.8	6710	Left and Right Flank	L/S-0.60Dia R/S-0.45x0.45	48.5	L/S-0.5 R/S-0.4	L/S-2000 R/S-1800	L/S-4 R/S-4	L/S-0.6 R/S-0.9	L/S-1\5000 R/S-1\5000	2	

IAMWARM PROJECT W.R.O. ONGUR SUB BASIN

HYDRAULIC PARTICULARS OF INFRASTRUCTURE INCLUDING SUPPLY CHANNELS

NON - SYSTEM TANKS

Sl. No	District	Taluk	Name of tank	Ayacut in Ha	Capacity in Mcft	Number of Fillings	Free catchment in SqKm	Combined Catchment in Sq.Km	Water spread area(Sq.Km)	FTL in M	MWL in M	No.of Sluices	Nos and Length of weir (m)		Discharge in Cusecs	Length of bund (M)	Length of Supply Channel (M)	Upper Tank	Lower Tank
													Nos	Length in m					
1	Kancheepuram	Madurantagam	Acharapakkam Tank	111.53.0	28.70	2	3.59	7.37	0.63	50.00	50.600	3	3	24.70 10.00 18.00	1435.00	1300	2000	Pallipettai	Tenpakkam
2			Athivakkam Tank	43.57.5	5.65	2	0.83	1.58	0.15	30.50	31.100	2	1	3325	906.00	1250	1500	No Tank	Thimmavaram
3			Kattugudalur Tank	78.83.0	14.61	1.8	2.25	2.25	0.21	30.50	31.100	1	1	24.4	323.00	2286	2000	No Tank	Thimmavaram
4			Nemam Tank	55.89.5	11.97	2	1.62	1.62	0.25	30.50	31.100	2	1	16.78	457.00	1281	1000	No Tank	Thimmavaram
5			Pallipettai Tank	86.91.0	14.00	2	3.75	3.75	0.22	15.25	15.550	2	1	79.3	746.00	1403	2000	No Tank	Acharapakkam
6			Thirumukkadu Tank	42.97.0	9.48	2	1.83	1.83	0.33	50.00	50.600	2	1	13.5	36.00	1100	1200	No Tank	Athivakkam
7			Thimmapuram Tank	195.98.0	45.84	2	5.05	7.8	0.7	41.59	42.045	3	2	72.29 15.25	1305.00	1860	2000	Kattukolathur Nemam	Perumber Kandigai
8			Vilangadu Peria Eri	115.52.0	20.88	2	3.37	5.37	0.75	50.00	50.450	4	2	11.00 26.54	664.00	1410	2000	Kottaikayapakkam	Perumber Kandigai
9			Villangadu Chitheri	0.00.0	0.00	2						2	1	18	318.00	1350	1000	Kottaikayapakkam	Perumber Kandigai
10			Kottaikayapakkam	60.10.5	10.52	2	2.72	2.73	0.29	30.50	30.800	2	2	40.1	438.78	1310	3000	No Tank	Velangadam

11			Mohalvadi Tank	35.04.0	8.96	3	3.00	3	0.33	50.00	5.600	3	1	21.8	594.00	700	2000	No Tank	Madur
12			Madur Tank	167.58.0	23.23	2	4.04	6.35	0.54	30.50	31.100	2	1	30.78	838.00	1646	2000	Mogalvadi	Allahoor
13			Allanur Tank	53.99.5	9.44	2	2.07	11.39	0.34	30.50	30.950	3	1	81.15	1436.00	1342	2200	Madhur	Siruperpandi
14			Kalyankulam Tank	67.40.5	17.32	1	1.58	1.58	0.38	15.25	15.700	3	1	19.84	534.00	869	1100	Porpannankarunai	Siruperpandi
15			Siruperpondy Tank	62.35.0	25.98	2	4.85	20.9	0.61	30.50	31.100	2	1	89.6	1673.00	1646	3000	Allanur Kadiyankulam	Kadamalaiputhur
16			Anikunnam Tank	40.48.0	9.15	2	0.90	0.9	0.15	50.00	50.600	1	1	15	409.00	1000	1000	No Tank	Allahoor
17			Baburayanpettai Tank	42.28.5	4.77	2	1.35	1.35	0.1	30.80	31.250	1	1	13.9	409.00	1100	1000	No Tank	Kaliyakuhkeli
18			Minal Chithamur Tank	97.44.5	19.93	3	4.25	4.25	0.47	32.90	33.500	2	1	23.5	529.00	1738	2000	Periakalathur	Kilpattu
19			Kilpattu Tank	53.10.0	6.37	2	1.35	3.94	0.18	30.50	30.600	3	1	27.12	755.61	1524	1000	Chithamur	Edaiyalam
20			Kilminnal Tank	65.62.0	14.21	2	1.30	1.3	0.4	30.80	31.400	2	1	25.9	323.00	1524	1000	Baburayanpet	Kilpattu
21			Kadamalaputher Tank	70.52.0	9.70	2	2.04	21.28	0.29	50.00	50.600	1	2	11.10 30	1120.00	1450	3000	Perumber Kandigai	Allahoor
22			Perumberkandigai Tank	110.73.0	42.29	2	5.44	39.32	1.13	33.75	34.400	3	2	71.35	3090.00	3246	4000	Velangalam	Kadamalaiputhur
23			Nedungal Tank	87.11.0	19.35	2	3.63	0.63	0.47	15.25	15.550	2	1	47.58	458.00	2379	2100	No Tank	
24			Edaiyalam Tank	102.35.0	21.85	2	1.98	5.75	0.48	50.00	50.600	2	2	65.00 7.7	1980.00	2590	1000	Kilpattu	Onam River
25			Karasangal Tank	84.11.0	19.34	2	2.52	2.52	0.52	50.00	50.600	2	2	58.3 35.50	2555.00	1100	2000	River	Veliyambakkam Chittoor

26			Veliyambakkam Peria eri	59.96.0	13.14	2	1.70	1.7	0.13	50.00	50.600	2	2	40	1090.00	1280	2000	Odai	Veliyambakkam Chittoor
27			Veliyambakkam Chitheri	43.72.5	9.31	2	1.39	3.09	0.14	50.00	50.600	2	1	14.35	758.10	1465	2000	Kenanampattu	Odai
28			Athur Tank	139.58.5	23.76	2	3.51	19.20	0.51	50.00	50.600	2	1	19.00 31	1362.00	1610	1400	Kadamalaiputhur	Onam River
29			Kalathur Tank	61.53.0	19.79	2	5.20	12.15	0.6	50.00	50.600	4	2	14.64 68.63	2268.00	1610	5400	Orathi	Minnal Chitheri
30			Kilathivakkam Tank	95.28.5	7.08	1.81	0.78	2.08	0.17	30.50	30.950	2	1	7.6	479.80	1524	2000	Orathi	Kalathur
31			Kongarai Mambattu Tank	169.41.0	30.14	2	5.33	12.5	1.08	10.00	10.600	2	1	76	20.70	1600	1500	Tinnalore	Murungai
32			Murungai Tank	42.04.0	7.92	2	2.70	2.7	0.25	15.25	15.850	2	1	14.35	758.10	1465	2000	Keenampattur	Odai
33			Munnakulam Tank	52.21.0	12.33	2	3.90	11.65	0.34	15.25	15.850	1	1	37.8	1155.00	1372	1500	Kengaiman pattu	Odai
34			Porangal Tank	41.96.0	19.23	1	2.90	3.65	0.2	30.50	30.950	3	1	26.2	443.00	915	2700	No Tank	Athivakkam
35			Kuankaranai Tank	54.29.0	10.14	2	2.83	2.83	0.35	50.00	60.000	2	1	15	409.00	1300	1000		
36			Orathi Peria Eri	226.09.0	43.14	2	9.26	9.26	1.01	15.54	16.150	3	3	18.90 13.9 32.50	1779.00	1985	4000	No Tank	Kalathur
37			Orathi Chitheri	44.29.0	9.36	2	1.6	1.6	0.1	50.00	50.600	4	1	26.00	708	1620	1000	No Tank	Kannanputhur
38			Porparankaranai	41.30.0	9.16	2	1.35	1.35	0.1	30.80	31.250	1	1	13.9	409	1100	1000	No Tank	Kaliyakuhkeli
39			Sirudhamur Tank	47.46.5	7.20	2	1.1	3.2	0.25	15.55	16.150	1	1	13.70	921	1250	2100	Anandamangalam	Olakkur
40			Thinnalur Tank	147.06.0	11.58	2	2.1	5.5	0.49	15.25	15.850	2	1	62.100	1692	1350	1500	Vinnaycheri	Kengaimanpattu

41			Vinnampoodi Tank	72.57.5	13.25	2	2.61	2.61	0.36	50.00	50.600	2	3	30	817	1210	1500	No Tank	Thinnalore
42			Anandamangalam Tank	59.53.0	11.36	2	5.28	5.28	0.28	50.00	50.600	1	1	30.60	833	1200	1000	No Tank	Sirudhamur
43			Kilmaruvathur Tank	50.61.0	7.60	1.67	1.05	1.05	0.25	15.25	15.550	3	1	27.75	273	1207	1100	No Tank	Irumbuli
44			Irumbuli Tank	90.27.0	12.14	2	2.07	7	0.27	50.00	50.600	2	2	8.60	339	1200	2100	Kilmaruvathur	Indalore
45			Perambakkam Tank	58.85.5	12.02	2	2.7	2.7	0.52	30.48	31.090	2	1	11.00	339	1375	1200	-	Perukaranai
46			Thandalam Tank	52.33.0	9.03	1.5	1.68	1.68	0.32	30.20	30.800	2	1	15.25	585	1555	2000	No Tank	Puthur
47			Parukkal Tank	45.03.0	19.23	1	1.11	1.11	0.56	30.86	30.937	3	2	23.00 16.00	443	1000	1800	Perukaranai	Puthur
48			Pazhavur Tank	50.06.0	12.06	2	2.5	2.5	0.27	50.00	50.600	1	1	9.8	270	1100	1400	Pongur	Periyakayapakkam
49			Mugundhagiri Tank	91.75.5	17.92	2	2.19	2.19	0.44	29.17	29.170	4	1	30.00	817	1050	1500	Pazhavoor	Perukkaranai
50			Perukkarania Tank	94.46.0	11.08	2	1.61	3.8	0.36	50.00	50.600	2	2	21.30 12.90	932	1500	1000	Mugundhagiri	Puthur
51			Poongunam Tank	171.68.5	17.00	1	3.2	3.65	0.35	30.50	31.100	2	1	28.65	573	1500	1300	Pazhavoor	Nugumbal
52			Puthur Tank	90.69.0	11.08	2	1.6	1.6	0.25	50.00	50.600		3	111.75	360	1250	3000	Perukkaranai Thandalam	Periyakayapakkam
53	Kancheepuram	Cheyyur	Attupatti Koattaipunjai Tank	63.42.0	10.22	2	4.66	33.67	0.65	15.25	15.850	3	1	62.48	2554	1370	1500	Chinnakayapakkam	Nerkundram
54			Chinnakayapakkam Tank	46.96.0	10.43	2	2.98	4.87	0.44	50.00	50.600	3	2	27.80	1901	1040	2000	Parugal	Attupattikottipunjai
55			Indalur Tank	136.72.5	27.14	2	8.13	22.42	0.8	50.00	50.600	3	2	83.20	2266	1400	4000	Irumbuli	Nerkundram

56			Pariakayapakkam Tank	93.04.5	0.00	2	2.75	16.27	0.47	50.00	50.600	3	2	45.75	1246	1350	1500	Pongur	Sirumailur
57			Kulathur Tank	35.55.0	19.79	2	2.9	6.4	0.82	50.00	50.650	3	2	43	1320	2050	2000	Thenpakkam	Nerkundram
58			Arapedu Tank	71.57.0	4.89	2	1.5	1.5	0.16	15.55	16.150	1	1	7	202	2260	1000	No Tank	Kalathur
59			Thenpakkam Tank	71.26.0	15.83	2	3.42	3.42	0.29	50.00	50.600	1	1	30.00	817	1100	1800	Acharapakkam	Arapedu
60			Puliyanai Tank	50.60.0	7.76	2	1.3	1.3	0.19	15.55	16.150	2	1	11	690	1615	1200	No Tank	No Tank
61			Nerkunam Tank	97.98.0	18.76	2	5.78	13.3	0.53	6.10	6.700	2	2	30.50 27.60	1555	1330	2000	Indalur	Venmelagaram
62			Nugumbal Tank	171.68.5	18.76	2	2.5	2.5	0.27	50.00	50.600	1	1	9.80	270	1100	1400	Pongur	Periakalakkadi
63			Periakalakkadi Tank	109.57.5	0.00	2	1.76	6.9	0.11	30.00	31.400	2	1	28.65	573	1500	1300	Pazhavoor	Nugumbal
64			Puthirankottai Tank	94.77.0	0.00	2	2.67	13.03	0.320	30.80	31.400	4	2	40.85	1512	1015	2100	Periakalakadi	Agaram
65			Sirunagar Tank	103.49.0	0.00	2	2.09	4.59	0.340	50.00	50.600	2	1	30.00	817	1050	1600	Nugambal	Puthirankottai
66	Kancheepuram	Cheyyur	Sirumailur Tank	87.16.0	29.13	2	4.92	14.25	0.530	50.00	50.600	1	2	36.90 37.80	1588	1800	2000	Kayapakkam	
67			Isur Tank	81.05.5	9.54	2			0.100	50.00	50.600	2	1	15.00	409	980	1400	Sirumailur	
68			Kumili Tank	61.13.0	4.88	2	0.85	0.85	0.100	30.96	31.415	2	1	7.93	111.28	1067	1200	No Tank	Andar Kuppam
69			Venmelagaram Tank	44.00.5	7.77	2	4.35	33.67	0.890	30.00	30.600	3	3	35.00	2261	1615	3000	Nerkundran	
70			Agaram Tank	115.88.5	17.09	2	4.82	21.55	0.340	30.50	31.250	2	1	35.00	1223	1000	1900	Puthirankottai	Illidu

71			Andarkuppam Tank	113.55.5	12.24	2	2.86	2.86	0.490	50.00	50.600	3	2	4.6 15	534	1200	2000	Kumuli	Illidu
72			Arasur Tank	225.62.0	16.81	1.5	0.78	1.35	0.190	31.09	31.500	3	1	6.40	196	1005	5000	Ariyur	Vaniyanallur
73			Illeadu Big Tank	111.60.0	4.68	2	2.46	11.17	0.71	50.00	50.600	3	2	25.00 31.00	2253.00	1300	3000	Anaicut	Chunambedu
74			Illedu Chitheri	0.00.0	0.00	2	2.01	21.24	0.26	50.00	50.360	2	1	30	817.00	1200	2000	Agaram	No Tank
75			Kazhuvelithangal	49.11.0	4.89	3	1.99	5.57	0.13	15.25	15.850	3	1	27.75	807.00	1435	1500	Vellkandaage	Thangal
76			Pudupattu Tank	84.00.5	8.85	2	2.9	2.9	0.21	30.00	30.600	2	1	13.40	362.00	1722	1600	Vaniniyanallur	Kazhiveli
77			Vanniyanallur Tank	85.89.5	13.10	1.5	1.83	4.83	0.33	50.00	50.600	4	1	32	872.00	1650	1500	Arasur	Pudupattu
78			Villambattu Tank	125.09.0	17.44	2	0.91	0.91	0.04	50.00	50.600	1	1	20	545.00	800	600	Odai	Vellambakkam
79	Kancheepuram	Cheyyur	Vellakondagaram Tank	64.78.0	5.80	2.5	1.5	3.367	0.15	29.90	30.200	3	1	15.85	526.00	1430	1500	Velampattu	Kazhiveli
80			Sirukalathur Tank	44.53.0	0.4932	1.00	0.907	0.907	0.490	23.995	24.450	3	1	19.00	0.7220	1473	2000	Pondur eri	-
81			Amaindandaranai Tank	57.25.0	0.161	2.00	0.673	2.997	0.189	15.750	16.210	2	1	27.00	10.580	1620	2000	Vedal tank	-
82			Panaiyadivakkam Tank	44.72.0	0.245	1.11	1.603	1.603	0.259	18.080	18.630	1	1	7.95	5.657	1080	2000	Velur	-
83			Porur Tank	43.61.0	0.1933	0.40	0.476	0.476	0.2136	28.195	28.495	2	1	10.10	2.753	1238	1800	Pondur peria eri	-
84			Kalpattu Tank	51.04.0	0.410	0.82	1.990	1.990	0.362	17.570	17.950	2	1	6.85	11.972	1670	2000	Velur thangal	-
85			Kadukkalur Peria Eri	221.00.0	1.460	1.00	3.850	3.850	1.220	20.000	20.450	2	2	1. 14.00 2.	20.390	1960	2000	Swamp	-

													31.52					
86			Othivilagam Tank	75.25.0	0.376	0.66	1.480	1.480	0.437	8.000	8.300	2	2	1. 4.59 2. 15.60	5.980	1637	1760	Karumbakkam peria eri	-
87			Villivakkam Tank	55.47.0	0.38	1.8	0.823	1.6	0.48	14.67	14.210	1	1	13.5	2.78	1080	1000	Swamp	
88			Velur Peria Eri & Pudu Eri	82.23.0	0.317	0.70	1.300	1.300	0.321	12.380	13.000	2	1	17.80	21.770	823	1000	Chinnakalakkadi peria eri	-
89			Velur Chitheri	72.87.0	0.252	1.82	28.750	22.195	0.318	3.475	4.075	1	1	28.75	22.195	978	1650	Sea	-
90			Vedal Thangal	321.10.0	0.250	2.00	0.980	13.831	0.351	8.380	8.910	1	1	9.25	35.050	1260	1650	Swamp	-
91			Cheyyur Peria Eri	149.74.5	0.627	1.30	3.024	11.240	0.610	8.230	8.830	4	2	1. 20.00 2. 13.55	32.770	1480	1500	Swamp	Puthur eri & Ammanur eri
92	Kancheepuram	Cheyyur	Cheyyur Nemaneri	62.71.0	0.355	1.70	0.350	0.350	0.070	7.170	7.470	1	1	6.00	1.250	740	1150	Swamp	-
93			Cheyyur Nemilithangal	40.09.5	0.1543	0.80	0.7423	0.742	0.211	12.245	12.600	3	1	20.05	7.000	907	1350	Sekkeri tank	-
94			Cheyyur puthur Tank	60.77.0	0.183	2.00	2.113	7.034	0.2584	12.340	12.940	3	1	35.00	25.470	1150	2000	Cheyyur peria eri	Venchikutti thangal
95			Veerabogam Tank	40.86.0	0.048	2.00	0.990	3.310	0.120	4.575	5.175	2	1	15.80	13.570	813	3000	Sea	Perumbakkam peria eri
96			Ammanur Tank	56.74.0	0.170	1.192	1.190	1.190	0.271	10.025	10.360	2	1	13.80	4.440	1236	1300	Cheyyur peria eri	-
97			Nemandam Tank	43.74.0	0.290	1.38	1.680	5.917	0.2961	14.105	14.705	2	1	30.78	23.740	1040	2000	Swamp	Nesapakkam thangal
98			Iranyachithi Tank	48.22.0	5.194	1.60	2.468	5.194	2.468	15.815	16.345	2	2	1. 22.47 2. 6.40	18.820	777	1500	Odai	Kadugupattu peria eri

99			Chinnavelikkadu Tank	90.94.5	0.254	0.83	1.380	1.380	0.238	29.265	29.715	2	1	13.80	6.907	805	1500	Vijayanthangal	-
100			Thiruvadur Tank	53.42.0	0.184	1.43	1.230	2.560	0.232	24.605	25.905	2	1	20.40	13.500	983.50	1500	Nessapakkam thangal	Periavelikkadu thangal
101			Melapattu Siruvangunam	315.37.0	0.450	1.42	3.380	5.220	0.3551	10.865	11.615	4	2	1. 18.77 2. 8.08	18.427	1490	2000	Akkinampattu chitheri, Akkinampattu thangal	-
102			Kadugupattu Chitheri	40.44.0	0.229	0.82	1.100	1.100	0.215	22.485	22.485	2	1	23.50	5.167	1087	1000	Kadugupattu palla thangal	-
103			Palur Tank	53.44.0	0.2847	1.19	1.980	1.980	0.3304	23.160	23.460	3	1	33.55	4.292	750	1000	Kumarakuppam tank	-
104	Kancheepuram	Madurantagam	Ozhavetti Tank	59.37.0	0.570	0.75	2.900	2.900	0.4500	32.560	33.010	5	1	11.25	398.000	984	2000	Chithamur	-
105			Chinnavenmani Periyaeri	66.80.0	0.2834	2.00	1.163	2.220	0.3119	25.685	26.135	1	2	7.42 6.78	358.000	1230	2000	Venmani Periyaeri	Chinnavelikadu Thangal
106			Pavundankaranai Tank	55.99.0	0.166	0.96	0.940	0.160	0.160	18.100	18.550	2	1	5.70	117.000	772	1800	Irumbedu Periyaeri	Nallur
107			Maruvalam Periyaeri	43.34.0	0.16	0.85	0.686	1.156	0.157	29.56	29.855	2	1	23.2	224.00	650	2000	Maruvalam Thangal	Maruvalam buderi
108			Onambakkam Tank	82.66.0	0.4800	0.75	2.391	2.391	0.395	21.605	21.955	3	3	3.15 11.20 6.35	315.000	2380	2200	Nallur,Irumbedu	-
109			Irumbedu Periyaeri	104.37.0	1.2570	2.00	9.703	43.730	1.03.5	12.330	13.140	3	3	32.8 4.82 48.60	3990.000	2740	2500	Vazhapattu, Odappery	Katudevadur
110	Olukkur	Tindivanam	Dhadapuram Small Tank	76.82.5	7.80	1.30	1.93	2.17	2.60	100.00	100.600	3	1	21.50		1000	2000	Union Tank	Dhadapuram Large Tank
111			Dhadapuram Large Tank	146.41.5	24.67	1.20	6.10	6.84	0.75	100.00	100.600	2	2	56.00 & 30.00		1300	2000	Dhadapuram Small Tank	Kodiyam
112			Kodiyam Tank	85.97.5	23.90	1.00	2.55	18.00	0.80	100.00	100.600	3	1	50.50		1300	3100	Dhadapuram Large Tank	Vairapuram

113			Ammanampakkam Tank	43.24.5	16.20	1.30	4.01	4.49	0.52	100.00	100.600	2	1	22.70		900	1100	Kodiyam Tank	Vairapuram
114			Vairapuram Tank	152.73.0	21.15	1.10	5.23	5.86	0.63	100.00	100.600	2	1	106.00		2500	1600 m	Kodiyam Tank	Puliyur Tank
115			Thengaipakkam Tank	47.24.5	16.95	1.40	4.19	4.7	0.56	100.00	100.600	1	1	9.55		1830	1400	Rain Fed	Olakkur
116			Saram Big Tank	103.49.0	26.75	1.40	1.35	40.85	0.60	100.00	100.600	2	1	123.00		1800	3000	Sathanur Tank	Saram small
117	Villupuram	Tindivanam	Puliyur Tank	50.80.0	16.25	1.30	4.02	4.51	0.95	100.00	100.600	1	2	15.25 & 6.85		1600	1500	Vairapuram Tank	Neikuppi Tank
118			Neikuppi Tank	49.41.5	5.29	1.20	1.31	1.47	0.73	100.00	100.600	1	1	30.00		1700	1200	Puliyur Tank	Melpakkam
119			Melpakkam Tank	96.85.0	25.48	1.30	6.30	7.06	8.49	100.00	100.600	2	2	36.00 & 40.00		1200	1000	Neikuppi Tank	Panchalam
120			Sathanur Tank	53.72.5	12.57	1.10	3.11	3.49	6.95	100.00	100.600	2	3	35.00 &42.00 & 16.00		1300	2500	Neikuppi Tank	Saram Big Tank
121			T.Panchalam Tank	68.41.0	22.60	1.20	5.59	6.27	3.82	100.00	100.600	1	1	13.50		1050	2000	Sathanur Tank	Saram small
122			Kilgudalore Tank	43.33.5	20.66	1.40	5.11	5.73	0.98	100.00	100.600	1	1	19.80		1600	1800	Panchalam Tank	Saram small Tank
123			Saram small Tank	74.21.5	23.40	1.20	5.78	6.49	0.68	100.00	100.600	1	1			1350	2000	Kilgudalore Tank	Kiladanur Tank
124			Pallipakkam Tank	28.63.5	10.02	1.40	2.48	2.78	0.58	100.00	100.600	3	1	18.00		1100	2000	Kiladanur Tank	Nallathur Union Tank
125			Kiladanur Tank	67.57.0	4.96	1.10	1.23	1.38	0.25	100.00	100.600	2	1	15.00		1400	1200	Saram small Tank	Pallipakkam Tank
126			Olakkur Tank	66.34.0	16.20	1.10	4.00	4.50	0.75	100.00	100.600	2	2	49.80 & 7.90		1050	2500	Thengaipakkam Tank	Kutchikulathur

127			Kutchikulathur Tank	90.27.0	27.72	1.30	4.05	3.6	7.19	100.00	100.600	1	1	27.72		2100	2100	Olakkur Tank	Karrikkampattu
128			Karrikkampattu Tank	43.70.5	44.65	1.30	4.00	4.4874	0.38	100.00	100.600	3	1	13.00		2500	1300	Kutchikulathur Tank	Ongur big Tank
129			Konerikuppam																
129	Olukkur	Tindivanam	Ongur big Tank	145.47.5	28.15	1.40	6.96	7.8	0.89	100.00	100.600	2	2	24.31 & 10.00		2500	3900	Karrikkampattu Tank	Ongur Small
130			Ongur Small Tank	95.01.0	22.65	1.20	5.60	6.28	0.89	100.00	100.600	2	2	26.30 & 34.40		2400	2600	Ongur big Tank	Kambur Tank
131			Kambur Tank	57.51.5	15.90	1.10	3.93	4.41	0.46	100.00	100.600	1	1	22.00		1650	2000	Ongur Small Tank	Annampakkam Large Tank
132			Annampakkam Large Tank	53.62.0	7.95	1.20	1.97	2.21	2.55	100.00	100.600	1	1	18.45		900	2500	Kambur Tank	Annampakkam Small Tank
133			Annampakkam Small Tank	42.36.5	11.22	1.10	2.78	3.11	6.85	100.00	100.600	1	1	17.20		650	750	Annampakkam Large Tank	Avanipur Tank
134			Vadakalavai Tank	76.85.5	19.85	1.20	4.91	5.5	0.23	100.00	100.600	2	1	32.20		1300	2500	Annampakkam Small Tank	Avanipur Tank
135			Kadavan pakkam Tank	158.82.0	36.32	1.40	8.98	10.07	0.90	100.00	100.600	3	1	14.00		1000	1800	Vadakalavai Tank	Avanipur Tank
136			Avanipur Tank	267.44.5	15.70	1.20	3.88	4.35	1.20	100.00	100.600	2	4	43.00 & 64 &15.40 & 23.50		1800	3600	Vadakalavai Tank	Nagalpakkam Tank
137			Pongulathur Tank	88.75.0	8.45	1.30	2.09	2.35	0.46	100.00	100.600	2	1	28.00		1200	2100	Nallathur Union Tank	Panaiyur Union Tank
138			Eappakkam Tank	40.77.0	19.95	1.20	4.93	5.53	0.25	100.00	100.600	1	2	15.00 & 14.00		1300	3500	Rain Fed	Kilpasar Tank
139			Kilpasar Tank	102.28.5	28.75	1.10	7.11	7.97	0.75	100.00	100.600	2	2			1450	3000	Eappakkam Tank	Sendhamangalam

140			Atchipakkam Tank	42.33.5	16.76	1.40	4.14	4.65	0.75	100.00	100.600	1	1	22.50		2200	1500	Kilpasar Tank	Atchipakkam big Tank
141			Sendhamangalam Tank	68.90.5	7.78	1.30	1.93	2.16	2.35	100.00	100.600	2	2	11.00 & 8.55		2300	2900	Kilpasar Tank	Atchipakkam big Tank
142	Villupuram	Tindivanam	Siruvadi tank	68.68.0	8.15	1.00	3.10	3.10	0.15	100.00	100.60	2	1	20.00		1100	2000	Rainfed	Asappur Tank
143			Vadanerkuram tank	106.48.0	5.02	1.00	5.44	5.44	0.34	100.00	100.60	2	1	39.00		1200	900	Rainfed	Nagar Eri
144			Nallur peria Eri	104.63.0	17.23	1.00	2.33	5.18	0.52	100.00	100.60	2	1	117.00		2100	1400	Vadnerkunnam Tank	Nagar Eri
145			Nagar peria Eri	166.70.0															
146			Nagar Chitheri																
147			Alathur tank	63.49.5	10.97	1.00	2.46	2.46		100.00	100.60	1	1	18.50		840	1100	Rainfed	Ongur River
148			Nagal pakkam tank	42.04.5	5.02	2.00	2.33	2.33		100.00	100.60	2	1	27.50		1100	1000	Avanipur	Rayanallur Tank
149			Asappur peria Eri	130.64.5															
150			Asappur Chitheri																
151			Kurumbaram tank	63.57.0	8.46	1.00	1.86	1.86		100.00	100.60	1	1	16.20		1300	1000	Rainfed	Ongur River
A7			Kolimedu Anicut	106.71.5															
152			Nolambur tank	96.96.5	16.60	1.00	4.40	4.40	0.05	100.00	100.60	3	2	24.30 & 27.00		800	2000	Rainfed	Kilsevour
153			Sennalur Botheri Hissa tank	65.81.0	13.16	1.00	3.88	10.36	0.03	100.00	100.60	2	1	20.00		12020	1500	Kilsevour Tank	Vandarampoondy Tank

154			Kilsevoor tank	80.89.0	12.53	1.00	3.63	12.95	0.65	100.00	100.60	2	3	23.00, 14.40 & 18.00		1500	1700	Nolambur Tank	Sennalur Tank
155			Atchipakkam Big tank	50.63.0	8.77	1.00	3.36	6.73	0.37	100.00	100.60	1	1	18.90		760	1200	Sineri	Varamakani Tank
156	Thiruvannamalai	Vandavasi	Pappanallur tank	42.42.0	16.95	1.50	3.89	10.88	0.33	100.00	100.60	1	1	12.00	327.02	1470.00	1700	Sivanam	Thellar Peria eri
157			Thellar Peria eri	133.95.0	58.27	1.50	5.02	12.22	0.81	93.90	95.8	3	1	11.16	2060.63	1020	3100	Thellar Chitheri	Theyyar Big tank
158			Thellar Chitheri	63.74.0	29.66	1.50	3.89	12.64	0.65	100.00	100.65	2	2	28.8	667.98	2227	2500	Senal Tank	Thellar Big tank
159			Measanallur big tank	59.69.0	28.43	1.50	5.18	13.88	0.95	100.00	100.6	2	1	23	247.49	1800	1500	Thellar peria eri	Thellar Big tank
160	Thiruvannamalai	Vandavasi	Kodiyalam Tank	78.37.0	16.85	1.50	6.48	12.85	0.724	89.77	90.12	3	2	80.60 14.00	804.37	1440	1500	Gudalur, Thellar chitheri	Theyyar Big tank
161			S. Katteri tank	44.09.0	22.60	1.50	4.92	11.91	0.114	100.00	100.6	1	2	18.70 30.70	445.5	1110	2300	Theyyur big tank	Dadapuram tank
162			Theyyar Chitheri	125.18.0	29.31	1.50	3.73	12.15	0.733	85.61	86.02	2	1	44.2	684.02	2070	2600	No Tank	Nallur big tank
163			Theyyur big tank	159.16.0	71.69	1.50	8.13	33.51	1.144	84.00	84.59	2	1	48.8	2616	1717	2300	Thellar big tank	Nallur big tank
164			Nallur big tank	248.25.0	91.82	1.50	6.60	45.66	2.22	76.56	77.24	4	3	80.00 9.50 46.80	3076.29	1880	2200	Theyyur big tank	Mudur tank
165			Nallur Palaveri	92.67.0	32.49	1.50	5.30	11.01	0.709	100.00	100.60	4	2	30.00 20.00	1400	1440	1900	Ramasamudram chitheri	Mudur tank
166			Ramasamudram Chitheri	91.47.0	12.71	1.50	4.66	9.84	0.82	100.00	100.60	1	1	26.80	214.15	900	1200	No Tank	Nallur palaveri
167			Ramasamudram Big tank		23.38	1.50	3.89	13.73	0.114	100.00	100.60	1	1	42.10	330	1170	850	No Tank	Nallur palaveri

168			Padur Tank	82.15.0	22.15	1.50	5.40	11.74	0.615	100.00	100.45	2	2	17.00	246.68	885	2500	No Tank	Mavalavady tank
169			Mavalavadi Tank	47.75.0	23.31	1.50	2.18	12.45	0.319	100.00	100.60	1	1	16.20	297	1050	1100	Padur tank	Orathi
170			Sathiyavadi tTank	63.07.0	34.71	1.50	5.18	11.91	0.216	100.00	100.60	1	1	14.00	198	750	1350	No Tank	No Tank
171			Mudur Tank	46.81.0	24.01	1.50	2.25	6.76	0.319	30.50	31.110	2	1	24.40	754	824	3100	Nallur big tank	Amudur
172			Amudur Tank	49.00.0	22.60	1.50	3.57	9.48	0.56	50.00	50.450	3	1	40.00	300	990	1500	Mudur tank	Orathi

C) SUPPLY CHANNEL HAVING DIRECT AYACUT

Sl.No	Name of Supply Channel	Off take point	Length in Km	Village	Block	Taluk	District	Direct Ayacut in Ha

1.4 PARTICIPATORY IRRIGATION MANAGEMENT (PIM)

1.1 SALIENT FEATURES OF IMPLEMENTATION OF PIM IN ONGUR SUB BASIN

1. **The Sub-Basin :** This is one of the three sub-basins of the Varahanadhi River Basin. Totally 172 irrigation tanks and 7 anicuts are under the control of Water Resources Organisation (WRO) of Public Works Department (PWD) in this sub-basin. The list of Tanks covered with more details is furnished in the Annexure-1. These 172 tanks and 7 anicuts are located within the sub-basin's hydraulic boundary spread over 150 villages of Tindivanam taluk in Villupuram district, Vandavasi taluk in Thiruvannamalai district, Madurantakam taluk in Kancheepuram district. The total Command area under these 172 tanks and 7 anicuts works out to 14262.75 Ha. (Annexure 1)

2. **Command Area :**

i) Under system tanks	:	Nil
ii) Under Non-system tanks (172 tanks)	:	14156.03.5 Ha
iii) Anicut (Direct ayacut)	:	106.71.5
Total	**:**	**14262.75.0 Ha**

3. **An assessment of number of WUAs**

i)	Associations already formed under WRCP	27 Nos. (2957.01.0 Ha)
ii)	Associations proposed to be formed under IAMWARM Project covering 131 tanks	131 Nos. (11305.74.0 Ha)
iii)	The total command area covered	14262.75.0 Ha

4. **An account of "Awareness creation" among the farming community:**

Activities undertaken and "Walkthrough Surveys" carried out:

i) There are 172 tanks in the sub-basin spread over 150 villages, as detailed out in Annexure – 01. All these villages were visited by the WRO officials and

awareness about various activities, contemplated under IAMWARM project has been created.

ii) Details of villages covered, walkthrough surveys conducted, farmers attended, and list of works suggested by the farmers, list of works analyzed and finalized by WRO officials, are all furnished in the Annexure – 02 and Annexure – 03.

5. Schedule for completion of delineation and preparation for WUA documents, comprising of:

i) Form – I : Details to be notified by District Collectors (End of April-09)
ii) Form – II : WUA document to be notified by District Collectors (End of May-09)
iii) Completion of preparatory works for the conduct of Elections for WUAs (End of June-09)

6. Schedule for Conduct of Elections in the sub-basin for forming Management Committees **(End of July-09)**

7. Support Organisations (SOs) :

i) Initiating and completing the process of publishing EOI to hire Support Organisation at Sub-basin level (End of April-09)
ii) Short listing and providing Request for Proposals (RFPs) to all the short listed agencies and obtaining Technical and Cost Proposals (Middle of May-09)
iii) Selection and deployment of Support Organisation to the sub-basin (End of June-09)

8. Appointment and the Role of Competent Authorities :

i) Section 26 of the Tamil Nadu Farmer's Management of Irrigation Systems (TNFMIS) Act provides for the appointment of "Competent Authorities" to assist the respective farmers organizations (WUA, Distributory Committee and Project Committee) in the Implementation and execution of all decisions taken by such farmers organization. Similarly, every farmer's

organization shall extend such co-operation or assistance, as may be required by the Competent Authority, for carrying out all the tasks related to implementation of TNFMIS Act.

ii) Appointment of Competent Authorities for the WUAs proposed to be formed under IAMWARM project is based on the "WRO Section officer wise" distribution as indicated below.

Name of the WRO Sub Divisional Officers working in the ongur Sub Basin

Kancheepuram District

Er.R. RAVI, B.E.
Assistant Executive Engineer, WRO, PWD.
Kiliyar Basin Sub Division, Madurantakam.

Villupuram District

Er.RAVI ALAIS SANKARAN, B.E.
Assistant Executive Engineer, WRO, PWD.,
Lower Pennaiar Basin Sub Division, Tindivanam.

Thiruvannamalai District

Er.S.NATARAJAN, B.E.
Assistant Executive Engineer, WRO, PWD.,
Middle Pennaiar Basin Sub Division, Cheyyar.

List of Competent Authorities:

a.	Section Officer, WRO, Irrigation Section, Acharapakkam.	WUAs 1 to 79
b.	Section Officer, WRO, Irrigation Section, Cheyyur @ Pavaunjur	WUAs 80 to 109
C.	Section Officer, WRO, Irrigation Section, Tindivanam.	WUAs 110 to 141
d.	Section Officer, WRO, Irrigation Section, Marakanam.	WUAs 142 to 155
e.	Section Officer, WRO, Irrigation Section, Vandavasi.	WUAs 156 to 172

9. Involvement of farmers in the preparation "Scheme Modernisation Plans".

i) Based on the outcome of the "Awareness Creation Programme" and Walkthrough survey carried out with the involvement of farmers, a list of tasks proposed to be taken up for "Modernisation" under IAMWARM project was discussed with 879 Nos of farmers from 150 villages. The final list of tasks was also prepared and exhibited in the Notice Board of the Village Administrative Officers Office and Panchayat Office. These details were also discussed with the farmers and the tasks to be taken up under scheme modernisation finalized on 29.01.2009.

ii) During the meeting, the farmers present were also informed that soon after finalization of contract for carrying out "Modernization of Irrigation Systems" a 'Notice Board' with the details about the nature of works, its cost, period of contract and Name of the contractor will all be fixed at the site of the work, as well as in the Panchayat Office of the Villages concerned for information of the farmers. They have also been informed that they are free to supervise the work by the contractor and any lapse in the quality of work may be reported to the field officers of WRO, as well as the Executive Engineer of WRO, who has been designated as the Nodal Officer for the sub-basin concerned.

iii) The field officers of WRO are all aware of the problems in handing over the operation and maintenance responsibilities to the farmers concerned, if the tasks as desired by the farmers in the command area are not included in the modernization of the system and also in case, some of the tasks already included and planned are not implemented due to some reasons or other.

iv) The WRO officers were also informed that they are personally responsible for handing over the irrigation systems after completing the tasks related to modernization of Irrigation systems, under IAMWARM Project.

10. Current status of Recovery of water charges :

i) An enquiry conducted with the 'Village Administrative Officers' (VAOs) of randomly selected villages (18 numbers out of 150 villages) located with in the sub-basin the normal water charges recovery as informed by the VAO, works out to 50 - 60% only, about the expected percentage of 80-90%.

ii) With the proposal to form new WUAs under IAMWARM in 'Ongur sub-basin', the Managing Committee will be trained to take up the responsibility of improving the Water charges recovery percentage. These will be followed up, after completing the modernization tasks and handing over of the O & M responsibilities to WUAs.

11. "Capacity Building" of the WUA farmers :

i) The "Support Organisation Group" will prepare "Training Modules" required for building the capacity of the WUA farmers, based on a "Training Needs" Analysis. They will also organize various "Capacity building" programmes at suitable locations within the sub-basin command area, to benefit the farmers of the WUAs in the sub-basin.

ii) The "Support Organisation" will also arrange for organizing the "Study Tours" both within and outside the state to enhance their knowledge and experiences which will help them to improve the crop productivity and there by the farmer's income.

iii) The support organisation will also conduct necessary "awareness programme" and impart training to educate the farmers of the WUAs in all

aspects of the TNFMIS Act, TNFMS Rules and Election procedures for constituting the “Managing Committees” of the WUAs.

12. The “Competent Authorities” appointed for the sub-basin will also be trained to effectively to interact with WUA farmers and maintain good report and relationship with the farming community in the sub-basin.

ANNEXURE-1

An Assessment of Command Area and WUAs Under the control of WRO of PWD in "ONGUR SUB BASIN"

WUA No	Name of Irrigation System and Tanks	Command area in Ha	Location of the Command Area			Coverage of Command area under different projects (Ha)		Status of formation of WUAs in the Sub Basin	
			Village	Taluk	District	WRCP and Others	IAMWARM	Formed under WRCP	To be formed under IAMWARM
1	2	3	4	5	6	7	8	9	10
WUA 1	Acharapakkam Tank	111.53.0	Acharapakkam	Madurantakam	Kancheepuram	111.53.0		WUA Formed	
WUA 2	Athivakkam Tank	43.57.5	Athivakkam	Madurantakam	Kancheepuram	-	43.57.5		WUA to be Formed
WUA 3	Kattugudalur Tank	78.83.0	Kattugudalur	Madurantakam	Kancheepuram	-	78.83.0		WUA to be Formed
WUA4	Nemam Tank	55.89.5	Athivakkam	Madurantakam	Kancheepuram	55.89.5		WUA Formed	
WUA5	Pallipettai Tank	86.91.0	Pallipettai	Madurantakam	Kancheepuram	86.91.0		WUA Formed	
WUA6	Thirumukkadu Tank	42.97.0	Thirumukkadu	Madurantakam	Kancheepuram	-	42.97.0		WUA to be Formed
WUA7	Thimmapuram Tank	195.98.0	Thimmapuram	Madurantakam	Kancheepuram	-	195.98.0		WUA to be Formed
WUA8	Vilangadu Peria Eri	115.52.0	Vilangadu	Madurantakam	Kancheepuram	-	115.52.0		WUA to be Formed
	Villangadu Chitheri		Villangadu	Madurantakam	Kancheepuram				WUA to be Formed
WUA9	Kottaikayapakkam	60.10.5	Kottaikayapakkam	Madurantakam	Kancheepuram	60.10.5		WUA Formed	
WUA10	Mohalvadi Tank	35.04.0	Mohalvadi	Madurantakam	Kancheepuram	-	35.04.0		WUA to be Formed
WUA11	Madur Tank	167.58.0	Madur	Madurantakam	Kancheepuram	-	167.58.0		WUA to be Formed

WUA12	Allanur Tank	53.99.5	Siruperpondy	Madurantakam	Kancheepuram	-	53.99.5		WUA to be Formed
WUA13	Kalyankulam Tank	67.40.5	Siruperpondy	Madurantakam	Kancheepuram	-	67.40.5		WUA to be Formed
WUA14	Siruperpondy Tank	62.35.0	Siruperpondy	Madurantakam	Kancheepuram	62.35.0		WUA Formed	
WUA15	Anikunnam Tank	40.48.0	Anikunnam	Madurantakam	Kancheepuram	-	40.48.0		WUA to be Formed
WUA16	Baburayanpettai Tank	42.28.5	Baburayanpettai	Madurantakam	Kancheepuram	-	42.28.5		WUA to be Formed
WUA17	Minal Chithamur Tank	97.44.5	Minal Chithamur	Madurantakam	Kancheepuram	97.44.5		WUA Formed	
WUA18	Kilpattu Tank	53.10.0	Minal Chithamur	Madurantakam	Kancheepuram	-	53.10.0		WUA to be Formed
WUA19	Kilminnal Tank	65.62.0	Minal Chithamur	Madurantakam	Kancheepuram	-	65.62.0		WUA to be Formed
WUA20	Kadamalaputher Tank	70.52.0	Kadamalaputher	Madurantakam	Kancheepuram	70.52.0		WUA Formed	
WUA21	Perumberkandigai Tank	110.73.0	Perumberkandigai	Madurantakam	Kancheepuram	-	110.73.0		WUA to be Formed
WUA22	Nedungal Tank	87.11.0	Nedungal	Madurantakam	Kancheepuram	87.11.0		WUA Formed	
WUA23	Edaiyalam Tank	102.35.0	Edaiyalam	Madurantakam	Kancheepuram	-	102.35.0		WUA to be Formed
WUA24	Karasangal Tank	84.11.0	Karasangal	Madurantakam	Kancheepuram	84.11.0		WUA Formed	
WUA25	Veliyambakkam Peria eri	59.96.0	Veliyambakkam	Madurantakam	Kancheepuram	-	59.96.0		WUA to be Formed
WUA26	Veliyambakkam Chitheri	43.72.5	Veliyambakkam	Madurantakam	Kancheepuram	-	43.72.5		WUA to be Formed
WUA27	Athur Tank	139.58.5	Athur	Madurantakam	Kancheepuram	-	139.58.5		WUA to be Formed
WUA28	Kalathur Tank	61.53.0	Kalathur	Madurantakam	Kancheepuram	-	61.53.0		WUA to be Formed
WUA29	Kilathivakkam Tank	95.28.5	Kilathivakkam	Madurantakam	Kancheepuram	95.28.5		WUA Formed	

WUA30	Kongarai Mambattu Tank	169.41.0	Kongarai Mambattu	Madurantakam	Kancheepuram	169.41.0		WUA Formed	
WUA31	Murungai Tank	42.04.0	Murungai	Madurantakam	Kancheepuram	-	42.04.0		WUA to be Formed
WUA32	Munnakulam Tank	52.21.0	Munnakulam	Madurantakam	Kancheepuram	-	52.21.0		WUA to be Formed
WUA33	Porangal Tank	41.96.0	Porangal	Madurantakam	Kancheepuram	-	41.96.0		WUA to be Formed
WUA34	Kuankaranai Tank	54.29.0	Kuankaranai	Madurantakam	Kancheepuram	-	54.29.0		WUA to be Formed
WUA35	Orathi Peria Eri	226.09.0	Orathi	Madurantakam	Kancheepuram	226.09.0		WUA Formed	
WUA36	Orathi Chitheri	44.29.0	Orathi	Madurantakam	Kancheepuram	-	44.29.0		WUA to be Formed
WUA37	Porparankaranai	41.30.0	Porparankaranai	Madurantakam	Kancheepuram	-	41.30.0		WUA to be Formed
WUA38	Sirudhamur Tank	47.46.5	Sirudhamur	Madurantakam	Kancheepuram	-	47.46.5		WUA to be Formed
WUA39	Thinnalur Tank	147.06.0	Thinnalur	Madurantakam	Kancheepuram	147.06.0		WUA Formed	
WUA40	Vinnampoodi Tank	72.57.5	Vinnampoodi	Madurantakam	Kancheepuram	-	72.57.5		WUA to be Formed
WUA41	Anandamangalam Tank	59.53.0	Anandamangalam	Madurantakam	Kancheepuram	-	59.53.0		WUA to be Formed
WUA42	Kilmaruvathur Tank	50.61.0	Kilmaruvathur	Cheyyur	Kancheepuram	-	50.61.0		WUA to be Formed
WUA43	Irumbuli Tank	90.27.0	Irumbuli	Cheyyur	Kancheepuram	-	90.27.0		WUA to be Formed
WUA44	Perambakkam Tank	58.88.5	Perambakkam	Cheyyur	Kancheepuram	58.88.5		WUA Formed	
WUA45	Thandalam Tank	52.33.0	Thandalam	Cheyyur	Kancheepuram	52.33.0		WUA Formed	
WUA46	Parukkal Tank	45.03.0	Parukkal	Cheyyur	Kancheepuram	45.03.0		WUA Formed	
WUA47	Pazhavur Tank	50.06.0	Pazhavur	Cheyyur	Kancheepuram	-	50.06.0		WUA to be Formed

WUA48	Mugundhagiri Tank	91.75.5	Mugundhagiri	Cheyyur	Kancheepuram	91.75.5		WUA Formed	
WUA49	Perukkaranai Tank	94.46.0	Perukkarania	Cheyyur	Kancheepuram	94.46.0		WUA Formed	
WUA50	Poongunam Tank	171.68.5	Poongunam	Cheyyur	Kancheepuram	-	171.68.5		WUA to be Formed
WUA51	Puthur Tank	90.69.0	Puthur	Cheyyur	Kancheepuram	-	90.69.0		WUA to be Formed
WUA52	Attupatti Koattaipunjai Tank	63.42.0	Attupatti Koattaipunjai	Cheyyur	Kancheepuram	-	63.42.0		WUA to be Formed
WUA53	Chinnakayapakkam Tank	46.96.0	Chinnakayapakkam	Cheyyur	Kancheepuram	-	46.96.0		WUA to be Formed
WUA54	Indalur Tank	136.72.5	Indalur	Cheyyur	Kancheepuram	-	136.72.5		WUA to be Formed
WUA55	Pariakayapakkam Tank	93.04.5	Pariakayapakkam	Cheyyur	Kancheepuram	93.04.5		WUA Formed	
WUA56	Kulathur Tank	35.55.0	Kulathur	Cheyyur	Kancheepuram	-	35.55.0		WUA to be Formed
WUA57	Arapedu Tank	71.57.0	Arapedu	Cheyyur	Kancheepuram	-	71.57.0		WUA to be Formed
WUA58	Thenpakkam Tank	71.26.0	Thenpakkam	Cheyyur	Kancheepuram	-	71.26.0		WUA to be Formed
WUA59	Puliyanai Tank	50.60.0	Puliyanai	Cheyyur	Kancheepuram	-	50.60.0		WUA to be Formed
WUA60	Nerkunam Tank	97.98.0	Nerkunam	Cheyyur	Kancheepuram	97.98.0		WUA Formed	
WUA61	Nugumbal Tank	171.68.5	Nugumbal	Cheyyur	Kancheepuram	-	171.68.5		WUA to be Formed
WUA62	Periakalakkadi Tank	109.57.5	Periakalakkadi	Cheyyur	Kancheepuram	109.57.5		WUA Formed	
WUA63	Puthirankottai Tank	94.77.0	Puthirankottai	Cheyyur	Kancheepuram	-	94.77.0		WUA to be Formed
WUA64	Sirunagar Tank	103.49.0	Sirunagar	Cheyyur	Kancheepuram	-	103.49.0		WUA to be Formed
WUA65	Sirumailur Tank	87.16.0	Sirumailur	Cheyyur	Kancheepuram	-	87.16.0		WUA to be Formed

WUA66	Isur Tank	81.05.5	Isur	Cheyyur	Kancheepuram	-	81.05.5		WUA to be Formed
WUA67	Kumili Tank	61.13.0	Kumil	Cheyyur	Kancheepuram	-	61.13.0		WUA to be Formed
WUA68	Venmelagaram Tank	44.00.5	Venmelagaram	Cheyyur	Kancheepuram	-	44.00.5		WUA to be Formed
WUA69	Agaram Tank	115.88.5	Agaram	Cheyyur	Kancheepuram	-	115.88.5		WUA to be Formed
WUA70	Andarkuppam Tank	113.55.5	Andarkuppam	Cheyyur	Kancheepuram	-	113.55.5		WUA to be Formed
WUA71	Arasur Tank	225.62.0	Arasur	Cheyyur	Kancheepuram	-	225.62.0		WUA to be Formed
WUA72	Illeadu Big Tank	111.60.0	Illeadu	Cheyyur	Kancheepuram	111.60.0		WUA Formed	
	Illeadu Chitheri		Illeadu	Cheyyur	Kancheepuram			WUA Formed	
WUA73	Kazhuvelithangal	49.11.0	Kazhuvelithangal	Cheyyur	Kancheepuram	-	49.11.0		WUA to be Formed
WUA74	Pudupattu Tank	84.00.5	Pudupattu	Cheyyur	Kancheepuram	-	84.00.5		WUA to be Formed
WUA75	Vanniyanallur Tank	85.89.5	Vanniyanallur	Cheyyur	Kancheepuram	-	85.89.5		WUA to be Formed
WUA76	Villambattu Tank	125.09.0	Villambattu	Cheyyur	Kancheepuram	-	125.09.0		WUA to be Formed
WUA77	Vellakondagaram Tank	64.78.0	Vellakondagaram	Cheyyur	Kancheepuram	-	64.78.0		WUA to be Formed
WUA78	Sirukalathur Tank	44.53.0	Sirukalathur	Cheyyur	Kancheepuram	-	44.53.0		WUA to be Formed
WUA79	Amaindandaranai Tank	57.25.0	Amaindandaranai	Cheyyur	Kancheepuram	-	57.25.0		WUA to be Formed
WUA80	Panaiyadivakkam Tank	44.72.0	Panaiyadivakkam	Cheyyur	Kancheepuram	-	44.72.0		WUA to be Formed
WUA81	Porur Tank	43.61.0	Porur	Cheyyur	Kancheepuram	-	43.61.0		WUA to be Formed
WUA82	Kalpattu Tank	51.04.0	Kalpattu	Cheyyur	Kancheepuram	-	51.04.0		WUA to be Formed

WUA83	Kadukkalur Peria Eri	221.00.0	Kadukkalur	Cheyyur	Kancheepuram	-	221.00.0		WUA to be Formed
WUA84	Othivilagam Tank	75.25.0	Othivilagam	Cheyyur	Kancheepuram	-	75.25.0		WUA to be Formed
WUA85	Villivakkam Tank	55.47.0	Villivakkam	Cheyyur	Kancheepuram	-	55.47.0		WUA to be Formed
WUA86	Velur Peria Eri & Pudu Eri	82.23.0	Velur	Cheyyur	Kancheepuram	-	82.23.0		WUA to be Formed
WUA87	Velur Chitheri	72.87.0	Velur	Cheyyur	Kancheepuram	-	72.87.0		WUA to be Formed
WUA88	Vedal Thangal	321.10.0	Vedal	Cheyyur	Kancheepuram	321.10.0		WUA Formed	
WUA89	Cheyyur Peria Eri	149.74.5	Cheyyur	Cheyyur	Kancheepuram	149.74.5		WUA Formed	
WUA90	Cheyyur Nemaneri	62.71.0	Cheyyur	Cheyyur	Kancheepuram	-	62.71.0		WUA to be Formed
WUA91	Cheyyur Nemilithangal	40.09.5	Cheyyur	Cheyyur	Kancheepuram	-	40.09.5		WUA to be Formed
WUA92	Cheyyur puthur Tank	60.77.0	Cheyyur puthur	Cheyyur	Kancheepuram	-	60.77.0		WUA to be Formed
WUA93	Veerabogam Tank	40.86.0	Veerabogam	Cheyyur	Kancheepuram	-	40.86.0		WUA to be Formed
WUA94	Ammanur Tank	56.74.0	Ammanur	Cheyyur	Kancheepuram	-	56.74.0		WUA to be Formed
WUA95	Nemandam Tank	43.74.0	Nemandam	Cheyyur	Kancheepuram	-	43.74.0		WUA to be Formed
WUA96	Iranyachithi Tank	48.22.0	Iranyachithi	Cheyyur	Kancheepuram	-	48.22.0		WUA to be Formed
WUA97	Chinnavelikkadu Tank	90.94.5	Chinnavelikkadu	Cheyyur	Kancheepuram	-	90.94.5		WUA to be Formed
WUA98	Thiruvadur Tank	53.42.0	Thiruvadur	Cheyyur	Kancheepuram	-	53.42.0		WUA to be Formed
WUA99	Melapattu Siruvangunam	315.37.0	Melapattu	Cheyyur	Kancheepuram	-	315.37.0		WUA to be Formed
WUA100	Kadugupattu Chitheri	40.44.0	Kadugupattu	Cheyyur	Kancheepuram	-	40.44.0		WUA to be Formed

WUA101	Palur Tank	53.44.0	Palur	Cheyyur	Kancheepuram	-	53.44.0		WUA to be Formed
WUA102	Ozhavetti Tank	59.37.0	Ozhavetti	Madurantakam	Kancheepuram	-	59.37.0		WUA to be Formed
WUA103	Chinnavenmani Periyaeri	66.80.0	Chinnavenmani	Madurantakam	Kancheepuram	-	66.80.0		WUA to be Formed
WUA104	Pavundankaranai Tank	55.99.0	Pavundankaranai	Madurantakam	Kancheepuram	-	55.99.0		WUA to be Formed
WUA105	Maruvalam Periyaeri	43.34.0	Maruvalam	Madurantakam	Kancheepuram	-	43.34.0		WUA to be Formed
WUA106	Onambakkam Tank	82.66.0	Onambakkam	Madurantakam	Kancheepuram	-	82.66.0		WUA to be Formed
WUA107	Irumbedu Periyaeri	104.37.0	Irumbedu	Madurantakam	Kancheepuram	-	104.37.0		WUA to be Formed
WUA108	Dhadapuram Small Tank	76.82.5	Dhadapuram	Tindivanam	Villupuram	-	76.82.5		WUA to be Formed
	Dhadapuram Large Tank	146.41.5	Dhadapuram	Tindivanam	Villupuram	-	146.41.5		WUA to be Formed
WUA109	Kodiyam Tank	85.97.5	Kodiyam	Tindivanam	Villupuram	-	85.97.5		WUA to be Formed
WUA110	Ammanampakkam Tank	43.24.5	Ammanampakkam	Tindivanam	Villupuram	-	43.24.5		WUA to be Formed
WUA111	Vairapuram Tank	152.73.0	Vairapuram	Tindivanam	Villupuram	-	152.73.0		WUA to be Formed
WUA112	Thengaipakkam Tank	47.24.5	Thengaipakkam	Tindivanam	Villupuram	-	47.24.5		WUA to be Formed
WUA113	Saram Big Tank	103.49.0	Saram Big	Tindivanam	Villupuram	-	103.49.0		WUA to be Formed
	Saram small Tank	74.21.5	Saram	Tindivanam	Villupuram	-	74.21.5		WUA to be Formed
WUA114	Puliyur Tank	50.08.0	Puliyur	Tindivanam	Villupuram	-	50.08.0		WUA to be Formed
WUA115	Neikuppi Tank	49.41.5	Neikuppi	Tindivanam	Villupuram	-	49.41.5		WUA to be Formed
WUA116	Melpakkam Tank	96.85.0	Melpakkam	Tindivanam	Villupuram	-	96.85.0		WUA to be Formed

WUA117	Sathanur Tank	53.72.5	Sathanur	Tindivanam	Villupuram	-	53.72.5		WUA to be Formed
WUA118	T Panchalam Tank	68.41.0	Panchalam	Tindivanam	Villupuram	-	68.41.0		WUA to be Formed
WUA119	Kilgudalore Tank	43.33.5	Kilgudalore	Tindivanam	Villupuram	-	43.33.5		WUA to be Formed
WUA120	Pallipakkam Tank	28.63.5	Pallipakkam	Tindivanam	Villupuram	-	28.63.5		WUA to be Formed
WUA121	Kiladanur Tank	67.57.0	Kiladanur	Tindivanam	Villupuram	-	67.57.0		WUA to be Formed
WUA122	Olakkur Tank	66.34.0	Olakkur	Tindivanam	Villupuram	-	66.34.0		WUA to be Formed
WUA123	Kutchikulathur Tank	90.27.0	Kutchikulathur	Tindivanam	Villupuram	-	90.27.0		WUA to be Formed
WUA124	Karrikkampattu Tank	43.70.5	Karrikkampattu	Tindivanam	Villupuram	-	43.70.5		WUA to be Formed
WUA125	Ongur big Tank	145.47.5	Ongur	Tindivanam	Villupuram	-	145.47.5		WUA to be Formed
	Ongur Small Tank	95.01.0	Ongur	Tindivanam	Villupuram	-	95.01.0		WUA to be Formed
WUA126	Kambur Tank	57.51.5	Kambur	Tindivanam	Villupuram	-	57.51.5		WUA to be Formed
WUA127	Annampakkam Large Tank	53.62.0	Annampakkam	Tindivanam	Villupuram	-	53.62.0		WUA to be Formed
	Annampakkam Small Tank	42.365	Annampakkam	Tindivanam	Villupuram	-	42.365		WUA to be Formed
WUA128	Vadakalavai Tank	76.85.5	Vadakalavai	Tindivanam	Villupuram	-	76.85.5		WUA to be Formed
WUA129	Kadavanpakkam Tank	158.82.0	Kadavanpakkam	Tindivanam	Villupuram	-	158.82.0		WUA to be Formed
WUA130	Avanipur Tank	267.44.5	Avanipur	Tindivanam	Villupuram	-	267.44.5		WUA to be Formed
WUA131	Pankolathur Tank	88.75.0	Pankolathur	Tindivanam	Villupuram	-	88.75.0		WUA to be Formed
WUA132	Eappakkam Tank	40.77.0	Eappakkam	Tindivanam	Villupuram	-	40.77.0		WUA to be Formed

WUA133	Kilpasar Tank	102.28.5	Kilpasar	Tindivanam	Villupuram	-	102.28.5		WUA to be Formed
WUA134	Atchipakkam Tank	42.33.5	Atchipakkam	Tindivanam	Villupuram	-	42.33.5		WUA to be Formed
	Atchipakkam Big tank	50.63.0	Atchipakkam	Tindivanam	Villupuram	-	50.63.0		WUA to be Formed
WUA135	Sendhamangalam Tank	68.90.5	Sendhamangalam	Tindivanam	Villupuram	-	68.90.5		WUA to be Formed
WUA136	Siruvadi tank	68.68.0	Siruvadi	Tindivanam	Villupuram	-	68.68.0		WUA to be Formed
WUA137	Vadanerkuram tank	106.48.0	Vadanerkuram	Tindivanam	Villupuram	-	106.48.0		WUA to be Formed
WUA138	Nallur peria Eri	104.63.0	Nallur peria	Tindivanam	Villupuram	-	104.63.0		WUA to be Formed
WUA139	Nagar peria Eri	166.70.0	Nagar	Tindivanam	Villupuram	-	166.70.0		WUA to be Formed
	Nagar Chitheri		Nagar	Tindivanam	Villupuram	-			WUA to be Formed
WUA140	Alathur tank	63.49.5	Alathur	`	Villupuram	-	63.49.5		WUA to be Formed
WUA141	Nagalpakkam tank	42.04.5	Nagalpakkam	Tindivanam	Villupuram	-	42.04.5		WUA to be Formed
WUA142	Asappur peria Eri	130.64.5	Asappur	Tindivanam	Villupuram	-	130.64.5		WUA to be Formed
	Asappur Chitheri		Asappur	Tindivanam	Villupuram	-			WUA to be Formed
WUA143	Kurumbaram tank	63.57.0	Kurumbaram	Tindivanam	Villupuram	-	63.57.0		WUA to be Formed
WUA144	Kollimedu Anicut	106.71.5	Kurumbaram	Tindivanam	Villupuram	-	106.71.5		WUA to be Formed
WUA145	Nolambur tank	96.96.5	Nolambur	Tindivanam	Villupuram	-	96.96.5		WUA to be Formed
WUA146	Sennalur Botheri Hissa tank	65.81.0	Sennalur	Tindivanam	Villupuram	-	65.81.0		WUA to be Formed
WUA147	Kilsevoor tank	80.89.0	Kilsevoor	Tindivanam	Villupuram	-	80.89.0		WUA to be Formed

WUA148	Pappanallur tank	42.42.0	Pappanallur	Vandavasi	Thirvannamalai	-	42.42.0		WUA to be Formed
	Thellar Peria eri	133.95.0	Thellar	Vandavasi	Thirvannamalai	-	133.95.0		WUA to be Formed
	Thellar Chitheri	63.74.0	Thellar	Vandavasi	Thirvannamalai	-	63.74.0		WUA to be Formed
	Measanallur big tank	59.69.0	Measanallur	Vandavasi	Thirvannamalai	-	59.69.0		WUA to be Formed
WUA149	Kodiyalam Tank	78.37.0	Kodiyalam	Vandavasi	Thirvannamalai	-	78.37.0		WUA to be Formed
WUA150	S. Katteri tank	44.09.0	S. Katteri	Vandavasi	Thirvannamalai	-	44.09.0		WUA to be Formed
WUA151	Theyyar Chitheri	125.18.0	Theyyur	Vandavasi	Thirvannamalai	-	125.18.0		WUA to be Formed
	Theyyur big tank	159.16.0	Theyyur	Vandavasi	Thirvannamalai	-	159.16.0		WUA to be Formed
WUA152	Nallur big tank	248.25.0	Nallur	Vandavasi	Thirvannamalai	248.25.0		WUA Formed	
WUA153	Nallur Palaveri	92.67.0	Nallur	Vandavasi	Thirvannamalai	92.67.0		WUA Formed	
WUA154	Ramasamudram Chitheri	91.47.0	Ramasamudram	Vandavasi	Thirvannamalai	-	91.47.0		WUA to be Formed
	Ramasamudram Big tank		Ramasamudram	Vandavasi	Thirvannamalai	-			WUA to be Formed
WUA155	Padur Tank	82.15.0	Padur	Vandavasi	Thirvannamalai	82.15.0		WUA Formed	
WUA156	Mavalavadi Tank	47.75.0	Mavalavadi	Vandavasi	Thirvannamalai	-	47.75.0		WUA to be Formed
WUA157	Sathiyavadi tTank	63.07.0	Sathiyavadi	Vandavasi	Thirvannamalai	-	63.07.0		WUA to be Formed
WUA158	Mudur Tank	46.81.0	Mudur	Vandavasi	Thirvannamalai	-	46.81.0		WUA to be Formed
	Amudur Tank	49.00.0	Amudur	Vandavasi	Thirvannamalai	-	49.00.0		WUA to be Formed

ABSTRACT

1	Command Area already covered under WRCP and other Project / Schemes	**4345.81.5**
2	Command Area Proposed to be covered under IAMWARM Project	**9916.93.5**
3	Total Commeand area controlled by WRD of PWD in the Sub Basin	**14262.75.0**
4	Total No. of WUAs already formed under WRCP	**27**
5	Total No. of WUAs proposed to be formed under IAMWARM	**131**
6	Total No. of WUAs that will cover the entire Sub Basin	**158**

ANNEXURE: 2

Details of "Awareness Creation Activities and Walk- through surveys"

Sl.No	Date of Visit	Names if the Villages Visited	Awareness programme (No.of farmers affended) (prepare the list of farmers with acknowledgement separately and affach)	Walk-Through Survey (No. of farmers particlpted) (prepare the list of farmers with acknowledgement separately and affach)	Remarks
1	6.10.08	Acharapakkam	25	25	
2		Thivakkam			
3		Kattugudalur			
4		Nemam			
5		Pallipettai			
6	7.10.08	Thirumukkadu	19	19	
7		Thimmapuram			
8		Villangadu Big tank			
9		Villangadu Chitheri			
10		Kottaikayapakkam			
11		Mohalvadi			
12	10.10.08	Madur	24	24	
13		Allanur			
14		Kalyankulam			
15		Siruperpondy			
16		Anikunnam			
17		Baburanpettai			
18	13.10.08	Minal Chithamur	28	28	
19		Kilpattu			
20		Kilminnal			
21		Kadamalaputher			
22		Perumber kandigai			
23		Nedungal			
24	21.01.09	Edaiyalam	30	30	
25		Karansangal			
26		Veliyambakkam			
27		Veliyambakkam			

28		Athur			
29	15.10.08	Kalathur	19	19	
30		Kilathivakkam			
31		Kongaraimampattu			
32		Murungai			
33		Munnakulam			
34	16.10.08	Porangal	24	24	
35		Kuankaranai			
36		Orathi peria eri			
37		Orathi chitheri			
38		Porparankaranai			
39	23.01.09	Sirudhamur	28	28	
40		Thinnalur			
41		Vinnampoodi			
42		Anandamangalam			
43	7.10.08	Kilmaruvathur	21	21	
44		Irumbuli			
45		Perambakkam			
46		Thandalam	33	33	
47	13.10.08	Parukkal			
48		Pazhavur			
49		Mugundhagiri			
50		Perukkaranai			
51		Poongunam			
52	24.1.09	Puthur	19	19	
53		Attupatti Koattaipunjai			
54		Chinnakayapakkam			
55		Indalur			
56		Periakayappakkam			
57		Kulathur			
58	14.1.08	Arapedu	25	25	
59		Thenpakkam			
60		Puliyanai			
61		Nerkunam			
62		Nugumbal			
63	10.10.08	Periakalakkadi	27	27	
64		Puthirankottai			
65		Sirunagar			
66	15.10.08	Sirumailur	16	16	
67		Isur			
68		Kumili			
69		Venmelagaram			
70	16.10.08	Agaram	19	19	
71		Andarkuppam			

72		Arasur			
73		Illeadu big tank			
74		Illeadu chitheri			
75	17.10.08	Kazhuvelithangal	28	28	
76		Pudupattu			
77		Vanniyanallur			
78		Villambattu			
79		Vellakondagaram			
80	07.11.08	Sirukalathur	31	31	
81		Amaindandaranai			
82		Panaiyadivakkam			
83		Porur			
84		Kalpattu			
85	27.01.09	Kadukkalur	40	40	
86		Othivilagam			
87		Villivakkam			
88		Velur Peria & Pudu Tank			
89		Velur Chitheri			
90		Vedal thangal			
91	03.11.08	Cheyyur Peria eri	38	38	
92		Cheyyur Nemaneri			
93		Cheyyur Nemilithangal			
94		Cheyyur Puther			
95		Veerabogam			
96		Ammanur			
97	05.11.08	Nemandam	34	34	
98		Iranyachithi			
99		Chinnavelikkadu			
100		Thiruvadur			
101		Melapattu siruvangunam			
102		Kadugapattu Chitheri			
103		Palur Tank			
104	29.01.09	Ozhavetti Tank	30	30	
105		Chinnavenmani Periyaeri			
106		Pavundankaranai Tank			
107		Maruvalam Periyaeri			
108		Onambakkam Tank			
109		Irumbedu Periyaeri			
110	21.1.2009	Dhadapuram small	28	28	
111		Dhadapuram big			

112		Kodiyam			
113		Ammanampakkam			
114	20.1.2009	Vairapuram	16	16	
115		Thengaipakkam			
116		Saram Big			
117	20.1.2009	Puliyur	22	22	
118		Neikuppi			
119		Melpakkam			
120		Sathanur			
121		T. Panchalam			
122	23.1.2009	Kilgudalore	18	18	
123		Saram small			
124		Pallipakkam			
125		Kiladanur			
126	6.10.2008	Olakkur	30	30	
127		Kutchikalathur			
128		Karrikkampattu			
129		Ongur big			
130		Ongur Small			
131		Kambur			
132	7.10.2008	Annampakkam Big	25	25	
133		Ananpakkam small			
134		Vadakalavai			
135		Kadavanpakkam			
136		Avanipur			
137	23.01.09	Pongulathur	22	22	
138		Essapakkam			
139		Kilpasar			
140		Atchipakkam big			
141		Sendhamangalam			
142	24.1.2009	Siruvadi	17	17	
143		Vadanerkuram			
144		Nallur			
145	24.1.2009	Nagar peria eri			
146		Nagar Chitheri			
147		Alathur	31	31	
148		Nagalpakkam			
149		Asappur peria eri			
150		Asappur Chitheri			
151		Kurumbaram			
A7		Kollimedu Anicut			
152	24.1.09	Nolambur	19	19	
153		Sennalur Botheri Hissa tank			
154		Kilsevoor			

155		Atchipakkam small			
156	12.11.08	Pappanallur	44	44	
157		Thellar Peria eri			
158		Thellar Chitheri			
159		Measanallur big tank			
160		Kodiyalam			
161		S. Katteri			
162		Theyyar Chitheri			
163		Theyyur big tank			
164	16.10.08	Nallur big tank	49	49	
165		Nallur Palaveri			
166		Ramasamudram Chitheri			
167		Ramasamudram Big			
168		Padur			
169		Mavalavadi			
170		Sathiyavadi			
171		Mudur			
172		Amudur			

ANNEXURE -3

Details of Modernization Works as Suggested by the Farmers and as Finalized by the Officials of WRO

Sl. No	Date of Visit	Name of the Villages Visited	Outcome of walk though survey and discussions with farmers	
			Works suggested by farmers	Works finalized by WRO officials
1	6.10.08	Acharapakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
2		Thivakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
3		Kattugudalur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
4		Nemam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir, and desilting of channel
5		Pallipettai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice, Repairs to weir and desilting of channel
6	7.10.08	Thirumukkadu	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
7		Thimmapuram	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
8		Villangadu Big tank	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
9		Villangadu Chitheri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

10		Kottaikayapakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
11		Mohalvadi	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
12	10.10.08	Madur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
13		Allanur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
14		Kalyankulam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
15		Siruperpondy	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
16		Anikunnam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
17		Baburanpettai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
18	13.10.08	Minal Chithamur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
19		Kilpattu	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
20		Kilminnal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

21		Kadamalaputher	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
22		Perumber kandigai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
23		Nedungal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
24	21.01.09	Edaiyalam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
25		Karansangal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
26		Veliyambakkam Periyaeri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
27		Veliyambakkam Chitheri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
28		Athur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
29	15.10.08	Kalathur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
30		Kilathivakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
31		Kongaraimampattu	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel

32		Murungai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
33		Munnakulam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
34	16.10.08	Porangal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
35		Kuankaranai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
36		Orathi peria eri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
37		Orathi chitheri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
38		Porparankaranai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
39	23.01.09	Sirudhamur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
40		Thinnalur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
41		Vinnampoodi	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
42		Anandamangalam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

43	7.10.08	Kilmaruvathur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
44		Irumbuli	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
45		Perambakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
46		Thandalam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
47	13.10.08	Parukkal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
48		Pazhavur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
49		Mugundhagiri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
50		Perukkaranai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
51		Poongunam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
52	24.1.09	Puthur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
53		Attupatti Koattaipunjai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

54		Chinnakayapakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
55		Indalur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
56		Periakayappakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
57		Kulathur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
58	14.1.09	Arapedu	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
59		Thenpakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
60		Puliyanai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
61		Nerkunam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
62		Nugumbal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
63	10.10.08	Periakalakkadi	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
64		Puthirankottai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

65		Sirunagar	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
66	15.10.08	Sirumailur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
67		Isur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
68		Kumili	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
69		Venmelagaram	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
70	16.10.08	Agaram	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
71		Andarkuppam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
72		Arasur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
73		Illeadu big tank	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
74		Illeadu chitheri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
75	17.10.08	Kazhuvelithangal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

76		Pudupattu	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
77		Vanniyanallur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
78		Villambattu	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
79		Vellakondagaram	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
80	07.11.08	Sirukalathur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
81		Amaindandaranai	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
82		Panaiyadivakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
83		Porur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
84		Kalpattu	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
85	27.01.09	Kadukkalur	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
86		Othivilagam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

87		Villivakkam	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
88		Velur Peria & Pudu Tank	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
89		Velur Chitheri	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
90		Vedal thangal	Reconstruction of sluices Repairs to weirs, Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
91	03.11.08	Cheyyur Peria eri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
92		Cheyyur Nemaneri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
93		Cheyyur Nemilithangal	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
94		Cheyyur Puther	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
95		Veerabogam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
96		Ammanur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
97	05.11.08	Nemandam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

98		Iranyachithi	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
99		Chinnavelikkadu	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
100		Thiruvadur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
101		Melapattu siruvangunam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
102		Kadugapattu Chitheri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir and desilting of channel
103		Palur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
104		Ozhavetti	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
105		Chinnavenmani Periyaeri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
106		Pavundankaranai	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
107		Maruvalam Periya eri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
108		Onambakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

109		Irumbedu Periyaeri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
110	21.1.2009	Dhadapuram small	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
111		Dhadapuram big	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
112		Kodiyam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
113		Ammanampakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
114	20.1.2009	Vairapuram	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
115		Thengaipakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
116		Saram Big	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
117	20.1.2009	Puliyur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
118		Neikuppi	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
119		Melpakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

120		Sathanur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
121		T. Panchalam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
122	23.1.2009	Kilgudalore	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
123		Saram small	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
124		Pallipakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
125		Kiladanur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
126	6.10.2008	Olakkur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
127		Kutchikalathur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
128		Karrikkampattu	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
129		Ongur big	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
130		Ongur Small	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

131		Kambur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
132	7.10.2008	Annampakkam Big	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
133		Ananpakkam small	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
134		Vadakalavai	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
135		Kadavanpakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
136		Avanipur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
137	23.01.09	Pongulathur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
138		Essapakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
139		Kilpasar	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
140		Atchipakkam big	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
141		Sendhamangalam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

142	24.1.2009	Siruvadi	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
143		Vadanerkuram	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
144		Nallur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
145	24.1.2009	Nagar Periaeri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
146		Nagar Chitheri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
147		Alathur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
148		Nagalpakkam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
149		Asappur periaeri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
150		Asappur Chitheri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
151		Kurumbaram	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
A7		Kollimedu Anicut	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

152	24.1.09	Nolambur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
153		Sennalur Botheri Hissa tank	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
154		Kilsevoor	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
155		Atchipakkam small	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
156	12.11.08	Pappanallur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
157		Thellar Peria eri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
158		Thellar Chitheri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
159		Measanallur big tank	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
160		Kodiyalam	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
161		S. Katteri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
162		Theyyar Chitheri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel

163		Theyyur big tank	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
164	16.10.08	Nallur big tank	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
165		Nallur Palaveri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
166		Ramasamudram Chitheri	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
167		Ramasamudram Big	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
168		Padur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
169		Mavalavadi	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
170		Sathiyavadi	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
171		Mudur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
172		Amudur	Reconstruction of sluices Repairs to weirs Strengthening of Bund, Desilting of Channel Eviction of Encroachment, Deepening of tank bed.	Recontruction of sluice Repairs to weir , Strengthening tank bund and desilting of channel
Encroachment :		This type of work has been dealth with separately (by means of encroachment act & Rules)		
Deepening of tank :		It requires huge amount, hence permission has been made only		
Bed :		to strengthening the bund by using the earth which is		
		Desilted in water spread area as retricted quantity		

STATEMENT WITH DETAILS OF DATE OF WALK THROUGH SURVEY, LOCATION, FARMERS REQUEST, TECHNICAL SOLUTION, PROPOSED IN THE PLAN

Sl. No	Walk Through Survey		Farmers request	Technical Solution									Proposals in Plan									Remarks
	Date	Location		WRO	Agri	Horti	AED	TNAU	AGMT	AHD	AHD	Fisheries	WRO		Agri	Horti	AED	TNAU	AGMT	AHD	Fisheries	
1	2	3	4	5	6	7	8	9	10	11	11	12	13	14	15	16	17	18	19	20	21	22
1	6.10.08	Acharapakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
2		Athivakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
3		Kattugudalur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
4		Nemam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
5		Pallipettai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
6	7.10.08	Thirumukkadu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
7		Thimmapuram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

8		Villangadu Big tank	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
9		Villangadu Chitheri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
10		Kottaikayapakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
11		Mohalvadi	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
12	10.10.08	Madur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
13		Allanur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
14		Kalyankulam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
15		Siruperpondy	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
16		Anikunnam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

17		Baburanpettai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
18	13.10.08	Minal Chithamur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
19		Kilpattu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
20		Kilminnal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
21		Kadamalaputher	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
22		Perumber kandigai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
23		Nedungal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
24	21.01.09	Edaiyalam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
25		Karansangal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

26		Veliyambakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
27		Veliyambakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
28		Athur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
29	15.10.08	Kalathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
30		Kilathivakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
31		Kongaraimampattu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
32		Murungai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
33		Munnakulam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
34	16.10.08	Porangal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

35		Kuankaranai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
36		Orathi peria eri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
37		Orathi chitheri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
38		Porparankaranai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
39	23.01.09	Sirudhamur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
40		Thinnalur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
41		Vinnampoodi	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
42		Anandamangalam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
43	7.10.08	Kilmaruvathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

44		Irumbuli	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
45		Perambakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
46	13.10.08	Thandalam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
47		Parukkal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
48		Pazhavur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
49		Mugundhagiri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
50		Perukkaranai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
51		Poongunam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
52	24.1.09	Puthur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

53		Attupatti Koattaipunjai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
54		Chinnakayapakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
55		Indalur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
56		Periakayappakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
57		Kulathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
58	14.1.08	Arapedu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
59	14.1.09	Thenpakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
60		Puliyanai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
61		Nerkunam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

62		Nugumbal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
63	10.10.08	Periakalakkadi	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
64		Puthirankottai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
65		Sirunagar	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
66	15.10.08	Sirumailur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
67		Isur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
68		Kumili	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
69		Venmelagaram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
70	16.10.08	Agaram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

71		Andarkuppam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
72		Arasur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
73		Illeadu big tank	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
74		Illeadu chitheri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
75	17.10.08	Kazhuvelithangal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
76		Pudupattu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
77		Vanniyanallur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
78		Villambattu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
79		Vellakondagaram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

80		Sirukalathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
81		Amaindandaranai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
82		Panaiyadivakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
83	07.11.08	Porur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
84		Kalpattu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
85	27.01.09	Kadukkalur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
86		Othivilagam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
87		Villivakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
88		Velur Peria & Pudu Tank	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

89		Velur Chitheri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
90		Vedal thangal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
91	03.11.08	Cheyyur Peria eri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
92		Cheyyur Nemaneri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
93		Cheyyur Nemilithangal	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
94		Cheyyur Puther	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
95		Veerabogam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
96		Ammanur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
97	05.11.08	Nemandam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

98		Iranyachithi	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
99		Chinnavelikkadu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
100		Thiruvadur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
101		Melapattu siruvangunam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
102		Kadugapattu Chitheri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
103		Palur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
104		Ozhavetti	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
105		Chinnavenmani	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
106		Pavundankaranai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

107		Maruvalam Periyaeri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential																		
108		Onambakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential																		
109		Irumbedu Periyaeri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential																		
110	21.1.2009	Dhadapuram small	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
111		Dhadapuram big	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
112		Kodiyam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
113		Ammanampakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
114	20.1.2009	Vairapuram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
115		Thengaipakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

116		Saram Big	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
117	20.1.2009	Puliyur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
118		Neikuppi	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
119		Melpakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
120		Sathanur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
121		T. Panchalam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
122	23.1.2009	Kilgudalore	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
123	6.10.2008	Saram small	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
124		Pallipakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

125	23.1.2009	Kiladanur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
126	6.10.2008	Olakkur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
127		Kutchikalathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
128		Karrikkampattu	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
129	6.10.2008	Ongur big	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
130		Ongur Small	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
131		Kambur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
132	7.10.2008	Annampakkam Big	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
133		Ananpakkam small	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

134	23.1.2009	Vadakalavai	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
135	6.10.2008	Kadavanpakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
136		Avanipur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
137	7.10.2008	Pongulathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
138		Essapakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
139		Kilpasar	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
140	24.1.2009	Atchipakkam big	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
141	7.10.2008	Sendhamangalam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
142	24.1.2009	Siruvadi	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

143		Vadanerkuram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
144		Nallur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
145	24.1.2009	Nagar peria eri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
146		Nagar Chitheri																				
147		Alathur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
148	24.1.2009	Nagalpakkam	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
149		Asappur peria eri	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
150		Asappur Chitheri																				
151		Kurumbaram	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
A7		Kollimedu Anicut																				
152		Nolambur	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
153		Sennalur Botheri Hissa tank	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									

154	24.1.2009	Kilsevoor	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
155	7.10.2008	Atchipakkam small	Farmers requested to Rehabilitation work in the tank Bund, Sluice, Supply channel, Repairs to weir	Demand raised by the farmers are essential									Rehabiltation work proposed in the proposal									
156	12.11.08	Pappanallur	Supply channel and tank Rehabiliation work, Shutte for Sluice	Demand retaining the forms and participants as all essential due to its present condition and included in the project proposal									Yes, Included in the project proposal									
157		Thellar Peria eri																				
158	12.11.08	Thellar Chitheri	Chennal desilting work, Tank modernisation work, improvements to Sluices, Shutter Arrangements etc.,	Demands the formers and participants are all essential dut to its present condition. So, the rehabilitation activity for each and every compenents are all included in the project proposed									Yes, Included in the project proposal									
159	13.11.08	Measanallur big tank	Tank and Chennal rehabilitation and removal of Hyphomia in the water spread area demands raised by the participants and formers etc.	Due to the necessity and present conditions, the demands raised by the formers and the participants are all included in the project proposal																		

160	14.11.08	Kodiyalam	Tank Rehabilitation works supply channel improvement work and removal of Hyphomia in the water spread area etc.	included in the project proposal									Yes, Included in the project proposal									
161	14.11.08	S. Katteri	Tank and Supply channel rehabilitation work and removal of Hyphomia in the water spread area etc.,	Due to the necessity and present conditions, the demands raised by the formers and the participants are all included in the project proposal									Yes, Included in the project proposal									
162		Theyyar Chitheri																				
163	13.11.08	Theyyur big tank	Tank and Channel rehabilitation and removal of Hyphomia in the water spread area demands raised by the participants and formers etc.,	Demands by the formers and participants are all essential due to its present condition and included in the project proposed									Yes, Included in the project proposal									
164	16.10.08	Nallur big tank	Weirs are in leakly condition, hence enourmouse water is wested the sluices feeding Kondaiyankuppam ayacut is also damaged condition	The leakages in the weirs is proposed with R.C.C skinwall and the damaged sluice to be repaired									Yes, Included in the project proposal									
165		Nallur Palaveri	Sluice No.1 Damaged and Supply channel to be desilted	This sluice is to be reconstructed									Yes, Included in the project proposal									
166		Ramasamudram Chitheri																				
167		Ramasamudram Big																				

168	15.11.08	Padur											Since the tank was rehabilitated under WRCP scheme, no rehabilitation work is necessary									
169		Mavalavadi	Supply Channel which branching from surplus course of Nallur tank to be desilted	Prepaare detailed estimate for relevant demand raised by the paritipants and its present conditions									Yes, Included in the project proposal									
170	15.11.08	Sathiyavadi																				
171	15.10.08	Mudur	Supply Channel which branching from surplus course of Nallur tank to be desilted	Prepaare detailed estimate for relevant demand raised by the paritipants and its present conditions									Yes, Included in the project proposal									
172		Amudur	Tank Rehabilitation works such as bund strengthening, Sluice reconstruction works (3 Sluices) & Chennal Desilting work and providing shutter arrangements to Sluices to Sluices etc.	Demands raised by the formers and participants are all essential. So, the rehabilitation activity for each and every component included in the project proposal									Yes, Included in the project proposal									

DETAILS OF WUAs PROPOSED IN "ONGUR SUB BASIN"

WUA No	Tank and Village it cover	Name of WUA	Ayacut in HA
1	2	3	4
WUA 1	Acharapakkam Tank	Acharapakkam Tank Water Users Association	111.53.0
WUA 2	Athivakkam Tank	Athivakkam Tank Tank Water Users Association	43.57.5
WUA 3	Kattugudalur Tank	Kattugudalur Tank Tank Water Users Association	78.83.0
WUA4	Nemam Tank	Nemam Tank Tank Water Users Association	55.89.5
WUA5	Pallipettai Tank	Pallipettai Tank Tank Water Users Association	86.91.0
WUA6	Thirumukkadu Tank	Thirumukkadu Tank Tank Water Users Association	42.97.0
WUA7	Thimmapuram Tank	Thimmapuram Tank Tank Water Users Association	195.98.0
WUA8	Vilangadu Peria Eri	Vilangadu Peria Eri & Chitheri Tank Water Users Association	115.52.0
	Villangadu Chitheri		
WUA9	Kottaikayapakkam	Kottaikayapakkam Tank Water Users Association	60.10.5
WUA10	Mohalvadi Tank	Mohalvadi Tank Tank Water Users Association	35.04.0
WUA11	Madur Tank	Madur Tank Tank Water Users Association	167.58.0
WUA12	Allanur Tank	Allanur Tank Tank Water Users Association	53.99.5
WUA13	Kalyankulam Tank	Kalyankulam Tank Tank Water Users Association	67.40.5
WUA14	Siruperpondy Tank	Siruperpondy Tank Tank Water Users Association	62.35.0
WUA15	Anikunnam Tank	Anikunnam Tank Tank Water Users Association	40.48.0
WUA16	Baburayanpettai Tank	Baburayanpettai Tank Tank Water Users Association	42.28.5
WUA17	Minal Chithamur Tank	Minal Chithamur Tank Tank Water Users Association	97.44.5
WUA18	Kilpattu Tank	Kilpattu Tank Tank Water Users Association	53.10.0
WUA19	Kilminnal Tank	Kilminnal Tank Tank Water Users Association	65.62.0

WUA20	Kadamalaputher Tank	Kadamalaputher Tank Tank Water Users Association	70.52.0
WUA21	Perumberkandigai Tank	Perumberkandigai Tank Tank Water Users Association	110.73.0
WUA22	Nedungal Tank	Nedungal Tank Tank Water Users Association	87.11.0
WUA23	Edaiyalam Tank	Edaiyalam Tank Tank Water Users Association	102.35.0
WUA24	Karasangal Tank	Karasangal Tank Tank Water Users Association	84.11.0
WUA25	Veliyambakkam Peria eri	Veliyambakkam Peria eri Tank Water Users Association	59.96.0
WUA26	Veliyambakkam Chitheri	Veliyambakkam Chitheri Tank Water Users Association	43.72.5
WUA27	Athur Tank	Athur Tank Tank Water Users Association	139.58.5
WUA28	Kalathur Tank	Kalathur Tank Tank Water Users Association	61.53.0
WUA29	Kilathivakkam Tank	Kilathivakkam Tank Tank Water Users Association	95.28.5
WUA30	Kongarai Mambattu Tank	Kongarai Mambattu Tank Tank Water Users Association	169.41.0
WUA31	Murungai Tank	Murungai Tank Tank Water Users Association	42.04.0
WUA32	Munnakulam Tank	Munnakulam Tank Tank Water Users Association	52.21.0
WUA33	Porangal Tank	Porangal Tank Tank Water Users Association	41.96.0
WUA34	Kuankaranai Tank	Kuankaranai Tank Tank Water Users Association	54.29.0
WUA35	Orathi Peria Eri	Orathi Peria Eri Tank Water Users Association	226.09.0
WUA36	Orathi Chitheri	Orathi Chitheri Tank Water Users Association	44.29.0
WUA37	Porparankaranai	Porparankaranai Tank Water Users Association	41.30.0
WUA38	Sirudhamur Tank	Sirudhamur Tank Tank Water Users Association	47.46.5
WUA39	Thinnalur Tank	Thinnalur Tank Tank Water Users Association	147.06.0
WUA40	Vinnampoodi Tank	Vinnampoodi Tank Tank Water Users Association	72.57.5
WUA41	Anandamangalam Tank	Anandamangalam Tank Tank Water Users Association	59.53.0
WUA42	Kilmaruvathur Tank	Kilmaruvathur Tank Tank Water Users Association	50.61.0
WUA43	Irumbuli Tank	Irumbuli Tank Tank Water Users Association	90.27.0
WUA44	Perambakkam Tank	Perambakkam Tank Tank Water Users Association	58.88.5
WUA45	Thandalam Tank	Thandalam Tank Tank Water Users Association	52.33.0

WUA46	Parukkal Tank	Parukkal Tank Tank Water Users Association	45.03.0
WUA47	Pazhavur Tank	Pazhavur Tank Tank Water Users Association	50.06.0
WUA48	Mugundhagiri Tank	Mugundhagiri Tank Tank Water Users Association	91.75.5
WUA49	Perukkarania Tank	Perukkarania Tank Tank Water Users Association	94.46.0
WUA50	Poongunam Tank	Poongunam Tank Tank Water Users Association	171.68.5
WUA51	Puthur Tank	Puthur Tank Tank Water Users Association	90.69.0
WUA52	Attupatti Koattaipunjai Tank	Attupatti Koattaipunjai Tank Tank Water Users Association	63.42.0
WUA53	Chinnakayapakkam Tank	Chinnakayapakkam Tank Tank Water Users Association	46.96.0
WUA54	Indalur Tank	Indalur Tank Tank Water Users Association	136.72.5
WUA55	Pariakayapakkam Tank	Pariakayapakkam Tank Tank Water Users Association	93.04.5
WUA56	Kulathur Tank	Kulathur Tank Tank Water Users Association	35.55.0
WUA57	Arapedu Tank	Arapedu Tank Tank Water Users Association	71.57.0
WUA58	Thenpakkam Tank	Thenpakkam Tank Tank Water Users Association	71.26.0
WUA59	Puliyanai Tank	Puliyanai Tank Tank Water Users Association	50.60.0
WUA60	Nerkunam Tank	Nerkunam Tank Tank Water Users Association	97.98.0
WUA61	Nugumbal Tank	Nugumbal Tank Tank Water Users Association	171.68.5
WUA62	Periakalakkadi Tank	Periakalakkadi Tank Tank Water Users Association	109.57.5
WUA63	Puthirankottai Tank	Puthirankottai Tank Tank Water Users Association	94.77.0
WUA64	Sirunagar Tank	Sirunagar Tank Tank Water Users Association	103.49.0
WUA65	Sirumailur Tank	Sirumailur Tank Tank Water Users Association	87.16.0
WUA66	Isur Tank	Isur Tank Tank Water Users Association	81.05.5
WUA67	Kumili Tank	Kumili Tank Tank Water Users Association	61.13.0
WUA68	Venmelagaram Tank	Venmelagaram Tank Tank Water Users Association	44.00.5
WUA69	Agaram Tank	Agaram Tank Tank Water Users Association	115.88.5
WUA70	Andarkuppam Tank	Andarkuppam Tank Tank Water Users Association	113.55.5
WUA71	Arasur Tank	Arasur Tank Tank Water Users Association	225.62.0

WUA72	Illeadu Big Tank Illedu Chitheri	Illeadu Big Tank & Chitheri Tank Water Users Association	111.60.0
WUA73	Kazhuvelithangal	Kazhuvelithangal Tank Water Users Association	49.11.0
WUA74	Pudupattu Tank	Pudupattu Tank Tank Water Users Association	84.00.5
WUA75	Vanniyanallur Tank	Vanniyanallur Tank Tank Water Users Association	85.89.5
WUA76	Villambattu Tank	Villambattu Tank Tank Water Users Association	125.09.0
WUA77	Vellakondagaram Tank	Vellakondagaram Tank Tank Water Users Association	64.78.0
WUA78	Sirukalathur Tank	Sirukalathur Tank Tank Water Users Association	44.53.0
WUA79	Amaindandaranai Tank	Amaindandaranai Tank Tank Water Users Association	57.25.0
WUA80	Panaiyadivakkam Tank	Panaiyadivakkam Tank Tank Water Users Association	44.72.0
WUA81	Porur Tank	Porur Tank Tank Water Users Association	43.61.0
WUA82	Kalpattu Tank	Kalpattu Tank Tank Water Users Association	51.04.0
WUA83	Kadukkalur Peria Eri	Kadukkalur Peria Eri Tank Water Users Association	221.00.0
WUA84	Othivilagam Tank	Othivilagam Tank Tank Water Users Association	75.25.0
WUA85	Villivakkam Tank	Villivakkam Tank Tank Water Users Association	55.47.0
WUA86	Velur Peria Eri & Pudu Eri	Velur Peria Eri & Pudu Eri Tank Water Users Association	82.23.0
WUA87	Velur Chitheri	Velur Chitheri Tank Water Users Association	72.87.0
WUA88	Vedal Thangal	Vedal Thangal Tank Water Users Association	321.10.0
WUA89	Cheyyur Peria Eri	Cheyyur Peria Eri Tank Water Users Association	149.74.5
WUA90	Cheyyur Nemaneri	Cheyyur Nemaneri Tank Water Users Association	62.71.0
WUA91	Cheyyur Nemilithangal	Cheyyur Nemilithangal Tank Water Users Association	40.09.5
WUA92	Cheyyur puthur Tank	Cheyyur puthur Tank Tank Water Users Association	60.77.0
WUA93	Veerabogam Tank	Veerabogam Tank Tank Water Users Association	40.86.0
WUA94	Ammanur Tank	Ammanur Tank Tank Water Users Association	56.74.0
WUA95	Nemandam Tank	Nemandam Tank Tank Water Users Association	43.74.0
WUA96	Iranyachithi Tank	Iranyachithi Tank Tank Water Users Association	48.22.0

WUA97	Chinnavelikkadu Tank	Chinnavelikkadu Tank Tank Water Users Association	90.94.5
WUA98	Thiruvadur Tank	Thiruvadur Tank Tank Water Users Association	53.42.0
WUA99	Melapattu Siruvangunam	Melapattu Siruvangunam Tank Water Users Association	315.37.0
WUA100	Kadugupattu Chitheri	Kadugupattu Chitheri Tank Water Users Association	40.44.0
WUA101	Palur Tank	Palur Tank Tank Water Users Association	53.44.0
WUA102	Ozhavetti Tank	Ozhavetti Tank Tank Water Users Association	59.37.0
WUA103	Chinnavenmani Periyaeri	Chinnavenmani Periyaeri Tank Water Users Association	66.80.0
WUA104	Pavundankaranai Tank	Pavundankaranai Tank Tank Water Users Association	55.99.0
WUA105	Maruvalam Periyaeri	Maruvalam Periyaeri Tank Water Users Association	43.34.0
WUA106	Onambakkam Tank	Onambakkam Tank Tank Water Users Association	82.66.0
WUA107	Irumbedu Periyaeri	Irumbedu Periyaeri Tank Water Users Association	104.37.0
WUA108	Dhadapuram Small Tank	Dhadapuram Small Tank Tank Water Users Association	76.82.5
	Dhadapuram Large Tank	Dhadapuram Large Tank Tank Water Users Association	146.41.5
WUA109	Kodiyam Tank	Kodiyam Tank Tank Water Users Association	85.97.5
WUA110	Ammanampakkam Tank	Ammanampakkam Tank Tank Water Users Association	43.24.5
WUA111	Vairapuram Tank	Vairapuram Tank Tank Water Users Association	152.73.0
WUA112	Thengaipakkam Tank	Thengaipakkam Tank Tank Water Users Association	47.24.5
WUA113	Saram Big Tank	Saram Big Tank Tank Water Users Association	103.49.0
	Saram small Tank	Saram small Tank Tank Water Users Association	74.21.5
WUA114	Puliyur Tank	Puliyur Tank Tank Water Users Association	50.08.0
WUA115	Neikuppi Tank	Neikuppi Tank Tank Water Users Association	49.41.5
WUA116	Melpakkam Tank	Melpakkam Tank Tank Water Users Association	96.85.0
WUA117	Sathanur Tank	Sathanur Tank Tank Water Users Association	53.72.5
WUA118	T Panchalam Tank	T Panchalam Tank Tank Water Users Association	68.41.0
WUA119	Kilgudalore Tank	Kilgudalore Tank Tank Water Users Association	43.33.5
WUA120	Pallipakkam Tank	Pallipakkam Tank Tank Water Users Association	28.63.5

WUA121	Kiladanur Tank	Kiladanur Tank Tank Water Users Association	67.57.0
WUA122	Olakkur Tank	Olakkur Tank Tank Water Users Association	66.34.0
WUA123	Kutchikulathur Tank	Kutchikulathur Tank Tank Water Users Association	90.27.0
WUA124	Karrikkampattu Tank	Karrikkampattu Tank Tank Water Users Association	43.70.5
WUA125	Ongur big Tank	Ongur big Tank Tank Water Users Association	145.47.5
	Ongur Small Tank	Ongur Small Tank Tank Water Users Association	95.01.0
WUA126	Kambur Tank	Kambur Tank Tank Water Users Association	57.51.5
WUA127	Annampakkam Large Tank	Annampakkam Large Tank Tank Water Users Association	53.62.0
	Annampakkam Small Tank	Annampakkam Small Tank Tank Water Users Association	42.365
WUA128	Vadakalavai Tank	Vadakalavai Tank Tank Water Users Association	76.85.5
WUA129	Kadavanpakkam Tank	Kadavanpakkam Tank Tank Water Users Association	158.82.0
WUA130	Avanipur Tank	Avanipur Tank Tank Water Users Association	267.44.5
WUA131	Pankolathur Tank	Pankolathur Tank Tank Water Users Association	88.75.0
WUA132	Eappakkam Tank	Eappakkam Tank Tank Water Users Association	40.77.0
WUA133	Kilpasar Tank	Kilpasar Tank Tank Water Users Association	102.28.5
WUA134	Atchipakkam Tank	Atchipakkam Tank Tank Water Users Association	42.33.5
	Atchipakkam Big tank	Atchipakkam Big tank Tank Water Users Association	50.63.0
WUA135	Sendhamangalam Tank	Sendhamangalam Tank Tank Water Users Association	68.90.5
WUA136	Siruvadi tank	Siruvadi tank Tank Water Users Association	68.68.0
WUA137	Vadanerkuram tank	Vadanerkuram tank Tank Water Users Association	106.48.0
WUA138	Nallur peria Eri	Nallur peria Eri Tank Water Users Association	104.63.0
WUA139	Nagar peria Eri	Nagar peria Eri Tank Water Users Association	166.70.0
	Nagar Chitheri	Nagar Chitheri Tank Water Users Association	
WUA140	Alathur tank	Alathur tank Tank Water Users Association	63.49.5
WUA141	Nagalpakkam tank	Nagalpakkam tank Tank Water Users Association	42.04.5
WUA142	Asappur peria Eri	Asappur peria Eri Tank Water Users Association	130.64.5

	Asappur Chitheri	Asappur Chitheri Tank Water Users Association	
WUA143	Kurumbaram tank	Kurumbaram tank Tank Water Users Association	63.57.0
WUA144	Kollimedu Anicut	Kollimedu Anicut Tank Water Users Association	106.71.5
WUA145	Nolambur tank	Nolambur tank Tank Water Users Association	96.96.5
WUA146	Sennalur Botheri Hissa tank	Sennalur Botheri Hissa tank Tank Water Users Association	65.81.0
WUA147	Kilsevoor tank	Kilsevoor tank Tank Water Users Association	80.89.0
WUA148	Pappanallur tank	Pappanallur tank Tank Water Users Association	42.42.0
	Thellar Peria eri	Thellar Peria eri Tank Water Users Association	133.95.0
	Thellar Chitheri	Thellar Chitheri Tank Water Users Association	63.74.0
	Measanallur big tank	Measanallur big tank Tank Water Users Association	59.69.0
WUA149	Kodiyalam Tank	Kodiyalam Tank Tank Water Users Association	78.37.0
WUA150	S. Katteri tank	S. Katteri tank Tank Water Users Association	44.09.0
WUA151	Theyyar Chitheri	Theyyar Chitheri Tank Water Users Association	125.18.0
	Theyyur big tank	Theyyur big tank Tank Water Users Association	159.16.0
WUA152	Nallur big tank	Nallur big tank Tank Water Users Association	248.25.0
WUA153	Nallur Palaveri	Nallur Palaveri Tank Water Users Association	92.67.0
WUA154	Ramasamudram Chitheri	Ramasamudram Chitheri Tank Water Users Association	91.47.0
	Ramasamudram Big tank	Ramasamudram Big tank Tank Water Users Association	
WUA155	Padur Tank	Padur Tank Tank Water Users Association	82.15.0
WUA156	Mavalavadi Tank	Mavalavadi Tank Tank Water Users Association	47.75.0
WUA157	Sathiyavadi tTank	Sathiyavadi Tank Tank Water Users Association	63.07.0
WUA158	Mudur Tank	Mudur Tank Tank Water Users Association	46.81.0
	Amudur Tank	Amudur Tank Tank Water Users Association	49.00.0

1.5 IRRIGATION INFRASTRUCTURE

ABSTRACT ON THE DETAILS OF THE IRRIGATION INFRASTRUCTURES AVAILABLE/WORKS TAKEN UP UNDER IAMWARM PROJECT

Name of Sub Basin: Ongur

Sl.No	Details	Anicut			System tank			Non system tank			Any other supply channel		Remarks
		Nos	supply channel in KM	Direct Ayacut	Nos	supply channel in Km	Ayacut	Nos	supply channel in Km	Ayacut	Length	direct ayacut	
1	Available Infrastructure in sub basin	7	NIL	106.71.5	NIL	NIL	NIL	172	347.44.5	14156.03.5	NIL	NIL	
2	Infrastructure excluded inIAM WARM project since works carried out under various schemes from 2000	NIL	NIL	NIL	NIL	NIL	NIL	39	61.65	4345.81.5	NIL	NIL	
3	Infrastructures that does not require any rehabilitation works	1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	
4	Works executed already Under other schemes but also taken up in IAM WARM project	NIL	NIL	NIL	NIL	NIL	NIL	30	61.65	3492.59.5	NIL	NIL	
5	Works taken up under IAM WARM project alone	6	NIL	106.71.5	NIL	NIL	NIL	133	285.79.5	10663.44.0	NIL	NIL	
	Total	6	NIL	106.71.5	NIL	NIL	NIL	163	347.44.5	14156.03.5	NIL	NIL	

1. Certified that the Panchayat Union Tanks are not considered in this project.

2. Certified that the tanks executed under various schemes (Viz, WRCP I, NABARD, PART II scheme etc.,) since 2000 were not proposed in this project.

IAMWARM PROJECT W.R.O. ONGUR SUB BASIN

ONGUR SUB BASIN

1.List of Anicuts with details of Villages, Block, Taluk, District, Direct Ayacut Area, Capacity etc :

Sl. No	Anicuts	Village	Block	Taluk	District	Direct Ayacut Area in Ha	Capacity
1	Chithamur Anaicut	Chithamur	Acharapakkam	Madurantakam	Kancheepuram	Nil	73.16
2	Karasangal Anaicut	Karasangal	Acharapakkam	Madurantakam	Kancheepuram	Nil	38.68
3	Veliyambakkam Anaicut	Nedungal	Acharapakkam	Madurantakam	Kancheepuram	Nil	25.22
4	Ongur Anaicut	Venmelagaram	Chithamur	Cheyyur	Kancheepuram	Nil	46.16
5	Arasur Anaicut	Arasur	Chithamur	Cheyyur	Kancheepuram	Nil	Nil
6	Konarikuppam Anaicut	Konerikuppam	Olakkur	Thindivanam	Villupuram	Nil	Nil
7	Kollimedu Anaicut	Kollimedu	Marakkanam	Thindivanam	Villupuram	106.71.5	Nil

2.List of System tanks with details of Village,Block,Taluk,District,Direct Ayacut Area,Capacity etc.

Sl.No.	Tank	Village	Block	Taluk	District	Direct Ayacut Area	Capacity
					-		
NIL							

3.List of Non System tanks with details of Village,Block,Taluk,District,Direct,Ayacut Area,Capacity etc.

Sl. No	Tank	Village	Block	Taluk	District	Direct Ayacut in Ha	Capacity m.cum
1	Acharapakkam Tank	Acharapakkam	Acharappakam	Madurantakam	Kancheepuram	111.53.0	28.70
2	Athivakkam Tank	Athivakkam	Acharappakam	Madurantakam	Kancheepuram	43.57.5	5.65
3	Kattugudalur Tank	Kattugudalur	Acharappakam	Madurantakam	Kancheepuram	78.83.0	14.61
4	Nemam Tank	Athivakkam	Acharappakam	Madurantakam	Kancheepuram	55.89.5	11.97
5	Pallipettai Tank	Pallipettai	Acharappakam	Madurantakam	Kancheepuram	86.91.0	14.00
6	Thirumukkadu Tank	Thirumukkadu	Acharappakam	Madurantakam	Kancheepuram	42.97.0	9.48
7	Thimmapuram Tank	Thimmapuram	Acharappakam	Madurantakam	Kancheepuram	195.98.0	45.84
8	Vilangadu Peria Eri	Vilangadu	Acharappakam	Madurantakam	Kancheepuram	115.52.0	20.88
9	Villangadu Chitheri	Villangadu	Acharappakam	Madurantakam	Kancheepuram		
10	Kottaikayapakkam	Kottaikayapakkam	Acharappakam	Madurantakam	Kancheepuram	60.10.5	10.52

11	Mohalvadi Tank	Mohalvadi	Acharappakam	Madurantakam	Kancheepuram	35.04.0	8.96
12	Madur Tank	Madur	Acharappakam	Madurantakam	Kancheepuram	167.58.0	23.23
13	Allanur Tank	Siruperpondy	Acharappakam	Madurantakam	Kancheepuram	53.99.5	9.44
14	Kalyankulam Tank	Siruperpondy	Acharappakam	Madurantakam	Kancheepuram	67.40.5	17.32
15	Siruperpondy Tank	Siruperpondy	Acharappakam	Madurantakam	Kancheepuram	62.35.0	25.98
16	Anikunnam Tank	Anikunnam	Acharappakam	Madurantakam	Kancheepuram	40.48.0	9.15
17	Baburayanpettai Tank	Baburayanpettai	Acharappakam	Madurantakam	Kancheepuram	42.28.5	4.77
18	Minal Chithamur Tank	Minal Chithamur	Acharappakam	Madurantakam	Kancheepuram	97.44.5	19.93
19	Kilpattu Tank	Minal Chithamur	Acharappakam	Madurantakam	Kancheepuram	53.10.0	6.37
20	Kilminnal Tank	Minal Chithamur	Acharappakam	Madurantakam	Kancheepuram	65.62.0	14.21
21	Kadamalaputher Tank	Kadamalaputher	Acharappakam	Madurantakam	Kancheepuram	70.52.0	9.70
22	Perumberkandigai Tank	Perumberkandigai	Acharappakam	Madurantakam	Kancheepuram	110.73.0	42.29
23	Nedungal Tank	Nedungal	Acharappakam	Madurantakam	Kancheepuram	87.11.0	19.35

24	Edaiyalam Tank	Edaiyalam	Acharappakam	Madurantakam	Kancheepuram	102.35.0	21.85
25	Karasangal Tank	Karasangal	Acharappakam	Madurantakam	Kancheepuram	84.11.0	19.34
26	Veliyambakkam Peria eri	Veliyambakkam	Acharappakam	Madurantakam	Kancheepuram	59.96.0	13.14
27	Veliyambakkam Chitheri	Veliyambakkam	Acharappakam	Madurantakam	Kancheepuram	43.72.5	9.31
28	Athur Tank	Athur	Acharappakam	Madurantakam	Kancheepuram	139.58.5	23.76
29	Kalathur Tank	Kalathur	Acharappakam	Madurantakam	Kancheepuram	61.53.0	19.79
30	Kilathivakkam Tank	Kilathivakkam	Acharappakam	Madurantakam	Kancheepuram	95.28.5	7.08
31	Kongarai Mambattu Tank	Kongarai Mambattu	Acharappakam	Madurantakam	Kancheepuram	169.41.0	30.14
32	Murungai Tank	Murungai	Acharappakam	Madurantakam	Kancheepuram	42.04.0	7.92
33	Munnakulam Tank	Munnakulam	Acharappakam	Madurantakam	Kancheepuram	52.21.0	12.33
34	Porangal Tank	Porangal	Acharappakam	Madurantakam	Kancheepuram	41.96.0	19.23
35	Kuankaranai Tank	Kuankaranai	Acharappakam	Madurantakam	Kancheepuram	54.29.0	10.14
36	Orathi Peria Eri	Orathi	Acharappakam	Madurantakam	Kancheepuram	226.09.0	43.14

37	Orathi Chitheri	Orathi	Acharappakam	Madurantakam	Kancheepuram	44.29.0	9.36
38	Porparankaranai	Porparankaranai	Acharappakam	Madurantakam	Kancheepuram	41.30.0	9.16
39	Sirudhamur Tank	Sirudhamur	Acharappakam	Madurantakam	Kancheepuram	47.46.5	7.20
40	Thinnalur Tank	Thinnalur	Acharappakam	Madurantakam	Kancheepuram	147.06.0	11.58
41	Vinnampoodi Tank	Vinnampoodi	Acharappakam	Madurantakam	Kancheepuram	72.57.5	13.25
42	Anandamangalam Tank	Anandamangalam	Acharappakam	Madurantakam	Kancheepuram	59.53.0	11.36
43	Kilmaruvathur Tank	Kilmaruvathur	Chithamur	Cheyyur	Kancheepuram	50.61.0	7.60
44	Irumbuli Tank	Irumbuli	Chithamur	Cheyyur	Kancheepuram	90.27.0	12.14
45	Perambakkam	Perambakkam	Chithamur	Cheyyur	Kancheepuram	58.85.5	8.70
46	Thandalam Tank	Thandalam	Chithamur	Cheyyur	Kancheepuram	52.33.0	13.75
47	Parukkal	Parukkal	Chithamur	Cheyyur	Kancheepuram	45.03.0	9.03
48	Pazhavur Tank	Pazhavur	Chithamur	Cheyyur	Kancheepuram	50.06.0	12.06
49	Mugundhagiri Tank	Mugundhagiri	Chithamur	Cheyyur	Kancheepuram	91.75.5	17.92

50	Perukkarania Tank	Perukkarania	Chithamur	Cheyyur	Kancheepuram	94.46.0	11.08
51	Poongunam Tank	Poongunam	Chithamur	Cheyyur	Kancheepuram	171.68.5	17.00
52	Puthur Tank	Puthur	Chithamur	Cheyyur	Kancheepuram	90.69.0	11.08
53	Attupatti Koattaipunjai Tank	Attupatti Koattaipunjai	Chithamur	Cheyyur	Kancheepuram	63.42.0	10.22
54	Chinnakayapakkam Tank	Chinnakayapakkam	Chithamur	Cheyyur	Kancheepuram	46.96.0	10.43
55	Indalur Tank	Indalur	Chithamur	Cheyyur	Kancheepuram	136.72.5	27.14
56	Pariakayapakkam Tank	Pariakayapakkam	Chithamur	Cheyyur	Kancheepuram	93.04.5	0.39
57	Kulathur Tank	Kulathur	Chithamur	Cheyyur	Kancheepuram	35.55.0	19.79
58	Arapedu Tank	Arapedu	Chithamur	Cheyyur	Kancheepuram	71.57.0	4.89
59	Thenpakkam Tank	Thenpakkam	Chithamur	Cheyyur	Kancheepuram	71.26.0	15.83
60	Puliyanai Tank	Puliyanai	Chithamur	Cheyyur	Kancheepuram	50.60.0	7.76
61	Nerkunam Tank	Nerkunam	Chithamur	Cheyyur	Kancheepuram	97.98.0	18.76
62	Nugumbal Tank	Nugumbal	Chithamur	Cheyyur	Kancheepuram	171.68.5	18.76

63	Periakalakkadi Tank	Periakalakkadi	Chithamur	Cheyyur	Kancheepuram	109.57.5	0.24
64	Puthirankottai Tank	Puthirankottai	Chithamur	Cheyyur	Kancheepuram	94.77.0	0.35
65	Sirunagar Tank	Sirunagar	Chithamur	Cheyyur	Kancheepuram	103.49.0	0.41
66	Sirumailur Tank	Sirumailur	Chithamur	Cheyyur	Kancheepuram	87.16.0	29.13
67	Isur Tank	Isur	Chithamur	Cheyyur	Kancheepuram	81.05.5	9.54
68	Kumili Tank	Kumil	Chithamur	Cheyyur	Kancheepuram	61.13.0	4.88
69	Venmelagaram Tank	Venmelagaram	Chithamur	Cheyyur	Kancheepuram	44.00.5	7.77
70	Agaram Tank	Agaram	Chithamur	Cheyyur	Kancheepuram	115.88.5	17.09
71	Andarkuppam Tank	Andarkuppam	Chithamur	Cheyyur	Kancheepuram	113.55.5	12.24
72	Arasur Tank	Arasur	Chithamur	Cheyyur	Kancheepuram	225.62.0	16.81
73	Illeadu Big Tank	Illeadu	Chithamur	Cheyyur	Kancheepuram	111.60.0	4.68
74	Illeadu Chitheri	Illeadu	Chithamur	Cheyyur	Kancheepuram		
75	Kazhuvelithangal	Kazhuvelithangal	Chithamur	Cheyyur	Kancheepuram	49.11.0	4.89

76	Pudupattu Tank	Pudupattu	Chithamur	Cheyyur	Kancheepuram	84.00.5	8.85
77	Vanniyanallur Tank	Vanniyanallur	Chithamur	Cheyyur	Kancheepuram	85.89.5	13.10
78	Villambattu Tank	Villambattu	Chithamur	Cheyyur	Kancheepuram	125.09.0	17.44
79	Vellakondagaram Tank	Vellakondagaram	Chithamur	Cheyyur	Kancheepuram	64.78.0	5.80
80	Sirukalathur Tank	Sirukalathur	Chithamur	Cheyyur	Kancheepuram	44.53.0	0.49
81	Amaindandaranai Tank	Amaindandaranai	Chithamur	Cheyyur	Kancheepuram	57.25.0	0.16
82	Panaiyadivakkam Tank	Panaiyadivakkam	Chithamur	Cheyyur	Kancheepuram	44.72.0	0.25
83	Porur Tank	Porur	Chithamur	Cheyyur	Kancheepuram	43.61.0	0.19
84	Kalpattu Tank	Kalpattu	Chithamur	Cheyyur	Kancheepuram	51.04.0	0.41
85	Kadukkalur Peria Eri	Kadukkalur	Chithamur	Cheyyur	Kancheepuram	221.00.0	1.46
86	Othivilagam Tank	Othivilagam	Chithamur	Cheyyur	Kancheepuram	75.25.0	0.38
87	Villivakkam Tank	Villivakkam	Chithamur	Cheyyur	Kancheepuram	55.47.0	0.38
88	Velur Peria Eri & Pudu Eri	Velur	Chithamur	Cheyyur	Kancheepuram	82.230	0.32

89	Velur Chitheri	Velur	Chithamur	Cheyyur	Kancheepuram	72.87.0	0.25
90	Vedal Thangal	Vedal	Chithamur	Cheyyur	Kancheepuram	321.10.0	0.25
91	Cheyyur Peria Eri	Cheyyur	Lathur	Cheyyur	Kancheepuram	149.74.5	0.63
92	Cheyyur Nemaneri	Cheyyur	Lathur	Cheyyur	Kancheepuram	62.71.0	0.36
93	Cheyyur Nemilithangal	Cheyyur	Lathur	Cheyyur	Kancheepuram	40.09.5	0.15
94	Cheyyur puthur Tank	Cheyyur puthur	Lathur	Cheyyur	Kancheepuram	60.77.0	0.18
95	Veerabogam Tank	Veerabogam	Lathur	Cheyyur	Kancheepuram	40.86.0	0.05
96	Ammanur Tank	Ammanur	Lathur	Cheyyur	Kancheepuram	56.74.0	0.17
97	Nemandam Tank	Nemandam	Lathur	Cheyyur	Kancheepuram	43.74.0	0.29
98	Iranyachithi Tank	Iranyachithi	Lathur	Cheyyur	Kancheepuram	48.22.0	5.19
99	Chinnavelikkadu Tank	Chinnavelikkadu	Lathur	Cheyyur	Kancheepuram	90.94.5	0.25
100	Thiruvadur Tank	Thiruvadur	Lathur	Cheyyur	Kancheepuram	53.42.0	0.18
101	Melapattu Siruvangunam	Melapattu	Lathur	Cheyyur	Kancheepuram	315.37.0	0.45

102	Kadugupattu Chitheri	Kadugupattu	Lathur	Cheyyur	Kancheepuram	40.44.0	0.23
103	Palur Tank	Palur	Lathur	Cheyyur	Kancheepuram	53.44.0	0.28
104	Ozhavetti Tank	Ozhavetti	Madurantakam	Madurantakam	Kancheepuram	59.37.0	0.57
105	Chinnavenmani Periyaeri	Chinnavenmani	Madurantakam	Madurantakam	Kancheepuram	66.80.0	0.28
106	Pavundankaranai Tank	Pavundankaranai	Madurantakam	Madurantakam	Kancheepuram	55.99.0	0.17
107	Maruvalam Periyaeri	Maruvalam	Madurantakam	Madurantakam	Kancheepuram	43.34.0	0.16
108	Onambakkam Tank	Onambakkam	Madurantakam	Madurantakam	Kancheepuram	82.66.0	0.48
109	Irumbedu Periyaeri	Irumbedu	Madurantakam	Madurantakam	Kancheepuram	104.37	1.26
110	Dhadapuram Small Tank	Dhadapuram	Olakkur	Tindivanam	Villupuram	76.82.5	7.80
111	Dhadapuram Large Tank	Dhadapuram	Olakkur	Tindivanam	Villupuram	146.41.5	24.67
112	Kodiyam Tank	Kodiyam	Olakkur	Tindivanam	Villupuram	85.97.5	23.90
113	Ammanampakkam Tank	Ammanampakkam	Olakkur	Tindivanam	Villupuram	43.24.5	16.20
114	Vairapuram Tank	Vairapuram	Olakkur	Tindivanam	Villupuram	152.73.0	21.15

115	Thengaipakkam Tank	Thengaipakkam	Olakkur	Tindivanam	Villupuram	47.24.5	16.95
116	Saram Big Tank	Saram Big	Olakkur	Tindivanam	Villupuram	103.49.0	26.75
117	Puliyur Tank	Puliyur	Olakkur	Tindivanam	Villupuram	50.08.0	16.25
118	Neikuppi Tank	Neikuppi	Olakkur	Tindivanam	Villupuram	49.41.5	5.29
119	Melpakkam Tank	Melpakkam	Olakkur	Tindivanam	Villupuram	96.85.0	25.48
120	Sathanur Tank	Sathanur	Olakkur	Tindivanam	Villupuram	53.72.5	12.57
121	T Panchalam Tank	Panchalam	Olakkur	Tindivanam	Villupuram	68.41.0	22.60
122	Kilgudalore Tank	Kilgudalore	Olakkur	Tindivanam	Villupuram	43.33.5	20.66
123	Saram small Tank	Saram	Olakkur	Tindivanam	Villupuram	74.21.5	23.40
124	Pallipakkam Tank	Pallipakkam	Olakkur	Tindivanam	Villupuram	28.63.5	10.02
125	Kiladanur Tank	Kiladanur	Olakkur	Tindivanam	Villupuram	67.57.0	4.96
126	Olakkur Tank	Olakkur	Olakkur	Tindivanam	Villupuram	66.34.0	16.20
127	Kutchikulathur Tank	Kutchikulathur	Olakkur	Tindivanam	Villupuram	90.27.0	27.72

128	Karrikkampattu Tank	Karrikkampattu	Olakkur	Tindivanam	Villupuram	43.70.5	44.65
129	Ongur big Tank	Ongur	Olakkur	Tindivanam	Villupuram	145.47.5	28.15
130	Ongur Small Tank	Ongur	Olakkur	Tindivanam	Villupuram	95.01.0	22.65
131	Kambur Tank	Kambur	Olakkur	Tindivanam	Villupuram	57.51.5	15.90
132	Annampakkam Large Tank	Annampakkam	Olakkur	Tindivanam	Villupuram	53.62.0	7.95
133	Annampakkam Small Tank	Annampakkam	Olakkur	Tindivanam	Villupuram	42.36.5	11.22
134	Vadakalavai Tank	Vadakalavai	Olakkur	Tindivanam	Villupuram	76.85.5	19.85
135	Kadavanpakkam Tank	Kadavanpakkam	Olakkur	Tindivanam	Villupuram	158.82.0	36.32
136	Avanipur Tank	Avanipur	Olakkur	Tindivanam	Villupuram	267.44.5	15.70
137	Pankolathur Tank	Pankolathur	Olakkur	Tindivanam	Villupuram	88.75.0	8.45
138	Eappakkam Tank	Eappakkam	Olakkur	Tindivanam	Villupuram	40.77.0	19.95
139	Kilpasar Tank	Kilpasar	Olakkur	Tindivanam	Villupuram	102.28.5	28.75
140	Atchipakkam Tank	Atchipakkam	Olakkur	Tindivanam	Villupuram	42.33.5	16.76

141	Sendhamangalam Tank	Sendhamangalam	Olakkur	Tindivanam	Villupuram	68.90.5	7.78
142	Siruvadi tank	Siruvadi	Marakkanam	Tindivanam	Villupuram	68.68.0	8.15
143	Vadanerkuram tank	Vadanerkuram	Marakkanam	Tindivanam	Villupuram	106.48.0	5.02
144	Nallur peria Eri	Nallur	Marakkanam	Tindivanam	Villupuram	104.63.0	17.23
145	Nagar peria Eri	Nagar	Marakkanam	Tindivanam	Villupuram	166.70.0	12.53
146	Nagar Chitheri						
147	Alathur tank	Alathur	Marakkanam	Tindivanam	Villupuram	63.49.5	10.97
148	Nagalpakkam tank	Nagalpakkam	Marakkanam	Tindivanam	Villupuram	42.04.5	6.89
149	Asappur peria Eri	Asappur	Marakkanam	Tindivanam	Villupuram	130.64.5	5.02
150	Asappur Chitheri						
151	Kurumbaram tank	Kurumbaram	Marakkanam	Tindivanam	Villupuram	63.57.0	8.46
A7	Kollimedu Anicut	Kurumbaram	Marakkanam	Tindivanam	Villupuram	106.71.5	
152	Nolambur tank	Nolambur	Marakkanam	Tindivanam	Villupuram	96.96.5	16.60

153	Sennalur Botheri Hissa tank	Sennalur	Marakkanam	Tindivanam	Villupuram	65.81.0	13.16
154	Kilsevoor tank	Kilsevoor	Marakkanam	Tindivanam	Villupuram	80.89.0	12.53
155	Atchipakkam Big tank	Atchipakkam	Marakkanam	Tindivanam	Villupuram	50.63.0	8.77
156	Pappanallur tank	Pappanallur	Thellar	Vandavasi	Thirvannamalai	42.42.0	19.95
157	Thellar Peria eri	Thellar	Thellar	Vandavasi	Thirvannamalai	133.95.0	29.66
158	Thellar Chitheri	Thellar	Thellar	Vandavasi	Thirvannamalai	63.74.0	58.27
159	Measanallur big tank	Measanallur	Thellar	Vandavasi	Thirvannamalai	59.69.0	28.43
160	Kodiyalam Tank	Kodiyalam	Thellar	Vandavasi	Thirvannamalai	78.37.0	29.33
161	S. Katteri tank	S. Katteri	Thellar	Vandavasi	Thirvannamalai	44.09.0	71.69
162	Theyyar Chitheri	Theyyur	Thellar	Vandavasi	Thirvannamalai	125.18.0	16.85
163	Theyyur big tank	Theyyur	Thellar	Vandavasi	Thirvannamalai	159.16.0	22.60
164	Nallur big tank	Nallur	Thellar	Vandavasi	Thirvannamalai	248.25.0	91.82
165	Nallur Palaveri	Nallur	Thellar	Vandavasi	Thirvannamalai	92.67.0	32.49

166	Ramasamudram Chitheri	Ramasamudram	Thellar	Vandavasi	Thirvannamalai	91.47.0	12.71
167	Ramasamudram Big tank	Ramasamudram	Thellar	Vandavasi	Thirvannamalai		23.38
168	Padur Tank	Padur	Thellar	Vandavasi	Thirvannamalai	82.15.0	22.25
169	Mavalavadi Tank	Mavalavadi	Thellar	Vandavasi	Thirvannamalai	47.75.0	23.31
170	Sathiyavadi tTank	Sathiyavadi	Thellar	Vandavasi	Thirvannamalai	63.07.0	34.71
171	Mudur Tank	Mudur	Vandavasi	Vandavasi	Thirvannamalai	46.81.0	24.01
172	Amudur Tank	Amudur	Vandavasi	Vandavasi	Thirvannamalai	49.00.0	22.60

4. List of Supply channel with details of feeding tanks :

NIL

List of tanks/Anicuts executed under various schemes (Viz, Part II Scheme, NABARD, WRCP I etc.,) Since 2000						
Sl.No	**Name of Anicut / Tank**	**Ayacut in Hect.**	**Scheme in which executed**	**Amount**	**Details of components executed**	**Remarks**
1	Acharapakkam	39.35.0	WRCP I	9.92	Tank bund Improvement & Selecting lining	
2	Nemam	27.16.5	WRCP I	8.97	Tank bund Improvement & Selecting lining	
3	Pallipattai	27.11.0	WRCP I	7.97	Tank bund Improvement & Selecting lining	
4	Thimmapuram	154.51.0	MLA Fund	11.26	Tank bund Improvement & Selecting lining	
5	Siruperpondy	31.70.0	WRCP I	10.64	Tank bund Improvement & Selecting lining	
6	Kottai Kayapakkam	34.38.0	WRCP I	8.96	Tank bund Improvement & Selecting lining	
7	Orathi Peria Eri	118.86.0	WRCP I	10.26	Tank bund Improvement & Selecting lining	
8	Kilathivakkam	54.32.0	WRCP I	9.27	Tank bund Improvement & Selecting lining	
9	Minnal Chithamur	57.73.0	WRCP I	11.76	Tank bund Improvement & Selecting lining	

10	Kadamalaiputhur	40.66.0	WRCP I	5.91	Tank bund Improvement & Selecting lining	
11	Athur Big Tank	82.82.0	NABARD	7.62	Tank bund Improvement & Selecting lining	
12	Kongairamampattu	70.35.0	WRCP I	7.20	Tank bund Improvement & Selecting lining	
13	Karasngal	39.28.0	WRCP I	11.20	Tank bund Improvement & Selecting lining	
14	Nedungal	40.15.0	WRCP I	11.52	Tank bund Improvement & Selecting lining	
15	Thinnalur	49.60.0	WRCP I	12.20	Tank bund Improvement & Selecting lining	
16	Perambakkam	58.85.5	WRCP I	10.75	Tank bund Improvement & Selecting lining	
17	Parukkal	45.03.0	WRCP I	9.00	Tank bund Improvement & Selecting lining	
16	Kurumbarai	21.80.0	WRCP I	13.47	Tank bund Improvement & Selecting lining	
17	Mugundhgiri	48.90.0	WRCP I	10.96	Tank bund Improvement & Selecting lining	
18	Perukkaranai	46.48.0	WRCP I	11.60	Tank bund Improvement & Selecting lining	

19	Perkalakadi	60.80.0	WRCP I	6.17	Tank bund Improvement & Selecting lining	
20	Nerkunam	50.96.0	WRCP I	10.20	Tank bund Improvement & Selecting lining	
21	Sirumailur	50.03.0	WRCP I	11.40	Tank bund Improvement & Selecting lining	
22	Thandalam	25.75.0	WRCP I	7.60	Tank bund Improvement & Selecting lining	
23	Periakayapakkam	49.60.0	WRCP I	12.05	Tank bund Improvement & Selecting lining	
24	Illeadu Big tank	54.92.0	WRCP I	8.84	Tank bund Improvement & Selecting lining	
25	Cheyyur Peria eri	162.71.0	WRCP I	13.24	Tank bund Improvement & Selecting lining	
26	Kadugapattu	40.44.0	WRCP I	10.11	Tank bund Improvement & Selecting lining	
27	Vedal thangal	321.10.0	WRCP I	12.13	Tank bund Improvement & Selecting lining	
28	Avanipur	267.44.5	NABARD		Improvements to tank Bund, Weir, Field Channel & Construction of WUA building	Sluice Reconstruction - 1 No.
29	Ongur small tank	95.01.0	CWC		Improvements to Tank Bund, Weir, Supply Channel, Sulice	

30	Ongur Big tank	145.47.5	CWC		Improvements to Tank Bund, Weir, Supply Channel, Sulice	
31	Vairapuram Tank	152.73.0	PART - II		Improvements to Tank Bund, Weir, Supply Channel, Sulice	
32	Kadavampakkam Tank	158.82.0	CWC		Improvements to Tank Bund,, Supply Channel,	Sluice Reconstruction - 1 No. & Improvements Weir
33	Asappur Tank	130.64.5	CWC		Improvements to Tank Bund, Weir, Supply Channel, Sulice	
34	Nallur big tank	248.25	WRCP	23.02	Supplychannel desilting and field channel lining(part)	During Bund strengthening walkthrough survey it is reported that the weir is so leaky and one month storage is being wasted every year. Moreover the surplus course of the tank is flowing over the patta lands causing inundation. Hence the ayacutdars have represented to rehabilitate the weir and surplus course. These components have included in this project
35	Nallur Palaveri	92.67	WRCP	12.22	Bund strengthening, Supplychannel desilting and field channel lining(part)	Sluice reconstruction work alone be included in this project.
36	Ramasamudram big tank	91.47	NABARD		Bund strengthening, Supplychannel desilting and field channel lining(part, sluice reconstrution	Bund strengthening
37	Padur tank	82.15	WRCP	10.59	Bund strengthening, Supplychannel desilting and field channel lining(part	Bund strengthening

38	Sathiyavadi tank	63.07	NABARD	15.89	Weir, Bundabd lining field channel	Bund strengthening
39	Mudur tank	46.81	NABARD XII	10	Bund, sluice reconstruction 2 Nos., Supply channel (part)	Weir repairand supply channel rehabilitation work included in this project

ONGUR SUB BASIN			
THE FOLLOWING TANKS ARE TAKEN AND EXECUTED			
(UNDER WRCP SCHEMES SINCE 2000 - 01)			
Sl.No.	**Name of Tank**	**Which Type of Work executed under WRCP Scheme**	**Work to be taken up under IAMWARM Project**
1	Acharapakkam	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
2	Nemam	Strengthening Tank bund, weir repair and selective lining of field Channel	Recontruction of sluice and desilting of Supply Channel
3	Pallipattai	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
4	Thimmapuram	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice and Repairs to weir
5	Siruperpondy	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
6	Kottai Kayapakkam	Strengthening Tank bund, weir repair and selective lining of field Channel	Recontruction of sluice and desilting of Supply Channel
7	Orathi Peria Eri	Strengthening Tank bund, weir repair and selective lining of field Channel	Recontruction of sluice and desilting of Supply Channel
8	Kilathivakkam	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
9	Minnal Chithamur	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel

10	Kadamalaiputhur	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
11	Athur Big Tank	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
12	Kongairamampattu	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
13	Karasangal	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
14	Nedungal	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
15	Thinnalur	Strengthening Tank bund, Sluice reconstruction and selective lining of field Channel	Repairs to weir and desilting of Supply Channel
16	Perambakkam	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
17	Parukkal	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
18	Mugundhgiri	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
19	Perukkaranai	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
20	Periakalakadi	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel

21	Nerkunam	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
22	Thandalam	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
23	Periakayapakkam	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
24	Illeadu Big tank	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
25	Cheyyur Peria eri	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
26	Vedal thangal	Strengthening Tank bund and selective lining of field Channel	Recontruction of sluice, Repairs to weir and desilting of Supply Channel
27	Avanipur	Strengthening Tank bund, Weir repair, Desilting of Supply Channel and selective lining of field Channel	Recontruction of sluice
28	Ongur small tank	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
29	Ongur Big tank	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
30	Vairapuram Tank	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-

31	Kadavampakkam Tank	Strengthening Tank bund, Desilting of Supply Channel and selective lining of field Channel	Recontruction of sluice Repairs to weir
32	Asappur Periya Eri	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
33	Asappur Chitheri	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
34	Nallur big tank	Strengthening Tank bund, Sluice reconstruction, Desilting of Supply Channel and selective lining of field Channel	Repairs to weir
35	Nallur Palaveri	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
36	Ramasamudram big tank	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
37	Padur tank	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
38	Sathiyavadi tank	Strengthening Tank bund, Sluice reconstruction, Weir repair, Desilting of Supply Channel and selective lining of field Channel	-
39	Mudur tank	Strengthening Tank bund, Sluice reconstruction and selective lining of field Channel	Repairs to weir and Desilting of Supply Channel

1.6 REHABILITATION OF IRRIGATION INFRASTRUCTURE

1.6 Rehabilitation of Irrigation Infrastructure

1.6.1 Structural Status & Deficiencies in the System

1.6 Rehabilitation of Irrigation Infrastructure

1.6.1 Structural Status & Deficiencies in the System

The following are the present structural condition of the Ongur sub-basin system.

1. This system is a old system existing for more than 100 Years as such requires Rehabilitation.
2. Heavy accumulation of silt due to hilly region and contour nature of canal system.
3. Lack of adequate control of regulating structures like Anicuts, Head Sluices, Sand/ scour vents etc.,
4. The damaged (or) dilapidated condition of the existing anicuts and supply channels causes to poor standard of the entire conveyance system.
5. The System and Non system tanks are to be rehabilitated.

Salient Features of Proposals:

In order to improve the conveyance and Operational Efficiency in Irrigation, it is now proposed to improve and modernize the Irrigation Infrastructures in Ongur Sub basin.

1. Repairs to the damaged Anicuts

   a) Dismantling the old damaged wearing coat and providing new wearing coat for apron portion.

   b) Strengthening the flood banks and desilting the supply channel

   c)Replacing the old damaged shutters with new steel shutters.

   d) Pointing with cement mortar 1:3 for body wall, abutment, wings and returns of the anicut.
2. Providing shutters to some of the supply channels to avoid breaches during floods and for better water management
3. Providing Scour vent in some Anicuts
4. Trimming the supply channels by earthwork excavation
5. Providing revetments and Retaining walls in selective area of the supply channels.

6. Repairing, Restoring the traditional water bodies (i.e. tanks)
    a. Desilting the supply channels to tank.
    b. Strengthening the bunds of the tanks and channels wherever necessary for effectively storing the water and conveying it to the entire command area and also for conveying agriculture inputs to the field.
    c. Repairs to the damaged weirs
    d. Repairs to the damaged Sluices
    e. Providing revetments and Retaining walls in selective area of the tanks
    f. Providing S.G. Shutter / Plug arrangements to Sluices, Head sluices, Scour vents etc.,
    g. Removing, Repairing and re fixing in position of the existing S.G. shuttering arrangements and providing locking arrangements etc.,

1.6.2 Expected Outcome

1. Increase in conveyance efficiency by from 53% to 56%
2. The present Gap area of 2874 ha. is to be converted as a fully irrigated area
3. The following irrigation infrastructure development works are proposed in the sub basin.

    Rehabilitation works for 6 anicuts,

    Rehabilitation works for 163 tanks

    Rehabilitation of supply channel for 347.445 KM

Details of proposals in each Infrastructure of the sub basin

Sl.No	Name of tank/ Anicut/ Reservoir	Bund		Sluice reconstruction		Measuring Device		Weir Repairs		Anicut Repairs		Supply Channel		Amount in Lakhs
		Length (km)	Amt	No	Amt	No	Amt	No	Amt	No	Amt	Length (km)	Amt	
	CLUSTER NO .1													
1	Acharapakkam Tank			1	4.77	3	0.54	1	1.03			3.150	2.16	8.50
2	Athivakkam	1.250	5.97	2	9.46	2	0.39	1	2.05			1.250	1.21	19.08
3	Kattugudalur	2.286	12.23	1	4.71	1	0.22	1	2.98			1.280	1.20	21.34
4	Nemam			2	8.25	2	0.38					1.550	1.12	9.75
5	Pallipettai			1	4.92	2	0.38	1	6.94			1.550	1.13	13.37
		3.536	**18.20**	**7**	**32.11**	**10**	**1.91**	**4**	**13.00**			**8.780**	**6.82**	**72.04**
	CLUSTER NO .2													
6	Thirumukkadi Tank	1.100	5.53	1	3.79	2	0.38	1	1.59			1.550	1.26	12.55
7	Thimmapuram Tank			2	8.10	3	0.54	1	1.68					10.32
8	Vilangadu Peria Eri	1.410	6.80	3	12.39	4	0.71	1	8.02			2.150	1.71	29.63
9	Vilangadu Chitheri	1.350	6.69			2	0.38					1.430	1.28	8.35
10	Kottaikayapakkam			2	6.48	2	0.38					1.450	1.03	7.89
11	Mohalvadi	0.900	5.17	1	3.48	3	0.54					3.000	1.95	11.14
		4.760	**24.19**	**9**	**34.24**	**16**	**2.93**	**3**	**11.29**			**9.580**	**7.23**	**79.88**
	CLUSTER NO .3													
12	Madur	1.750	10.52	1	4.82	2	0.38	1	2.13			2.000	1.70	19.55

13	Allanur Tank	1.650	7.96	2	6.56	2	0.38	1	10.83			2.200	2.13	27.86
14	Kalyankulam	0.770	4.80	1	4.29	3	0.69					1.100	1.52	11.30
15	Siruperpondy			2	10.64	2	0.38	1	10.47			3.000	2.02	23.51
16	Anaikunnam	1.045	5.98	1	4.73	2	0.38	1	1.59			1.200	1.95	14.63
17	Baburayanpettai	0.670	4.50	1	4.93	2	0.38					1.100	1.04	10.85
		5.885	**33.76**	**8**	**35.97**	**13**	**2.59**	**4**	**25.02**			**10.600**	**10.36**	**107.70**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .4													
18	Minnal Chithamur Tank			2	9.90	2	0.38	1	0.25	1	28.02	2.200	1.54	40.09
19	Kilpattu Tank	1.520	4.10	3	10.92	3	0.55	1	0.45			1.800	1.28	17.30
20	Kilminnal Tank	1.700	7.88	2	8.84	2	0.38	1	2.36			2.000	1.44	20.90
21	Kadamalaiputerh Tank			1	12.92	1	0.22	4	5.91			2.400	1.71	20.76
22	Perumberkandigai Tank	3.240	14.31	2	9.76	2	0.38	1	2.16			4.800	2.92	29.53
23	Nedungal Tank			2	9.79	2	0.38	1	1.11			2.200	1.19	12.47
		6.460	**26.29**	**12**	**62.13**	**12**	**2.29**	**9**	**12.24**	**1**	**28.02**	**15.4**	**10.08**	**141.05**
	CLUSTER NO .5													
24	Edaiyalm Tank	2.590	11.58	1	4.98	2	0.38	1	1.69			1.600	1.23	19.86
25	Karasangal Tank			2	10.53	2	0.39	1	0.65	1	25.83	2.000	1.51	38.91
26	Veliyambakkam Peria Eri	1.280	6.24	1	3.06	2	0.38	1	2.05	1	6.31	2.000	1.52	19.56

27	Veliyambakkam Chitheri	1.465	6.50	2	6.72	2	0.39	1	0.21			1.600	1.23	15.05
28	Athur Tank			1	4.76	2	0.39	1	0.71			1.400	2.65	8.51
		5.335	**24.32**	**7**	**30.05**	**10**	**1.93**	**5**	**5.31**	**2**	**32.14**	**8.600**	**8.14**	**101.89**
	CLUSTER NO .6													
29	Kalathur tank	2.200	12.06	4	19.69	4	0.65	1	4.31			2.500	2.82	39.53
30	Kilathivakkam Tank			2	7.45	2	0.33	1	0.61			2.500	1.51	9.90
31	Kongarai mambattu			1	4.75	2	0.33	1	1.04			5.350	3.20	9.32
32	Murungai	1.465	11.09	1	5.50	2	0.33	1	0.55			3.150	3.25	20.72
33	Munnakulam	1.372	10.29	1	5.31	1	0.16	1	3.08			3.150	3.25	22.09
		5.037	**33.44**	**9**	**42.70**	**11**	**1.80**	**5**	**9.59**			**16.650**	**14.03**	**101.56**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .7													
34	Porangal Tank	0.915	6.33	1	4.57	3	0.50	1	1.25			1.350	0.83	13.48
35	Kunankaranai	1.300	9.52	2	8.31	2	0.33	1	0.92			1.500	0.93	20.01
36	Orathi Peria eri			2	11.38	2	0.24					2.500	2.69	14.31
37	Orathi Chitheri	1.620	12.23	2	8.84	4	0.65	1	1.74			2.500	2.58	26.04
38	Porparankaranai	1.100	8.06	1	4.70	1	0.16	1	0.52			1.200	0.76	14.20
		4.935	**36.14**	**8**	**37.80**	**12**	**1.88**	**4**	**4.43**			**9.050**	**7.79**	**88.04**
	CLUSTER NO .8													

39	Sirudhamur Tank	1.270	9.50	1	4.43	1	0.16					3.550	3.71	17.80
40	Thinnalur Tank					3	0.50	1	3.75			3.550	3.68	7.93
41	Vinnampoodi Tank	1.210	9.05	1	3.76	1	0.12	1	0.49			2.650	2.77	16.19
42	Anandamangalam Tank	1.200	8.95	1	4.64	1	0.16	1	2.70			2.150	2.23	18.68
		3.680	**27.50**	**3**	**12.83**	**6**	**0.94**	**3**	**6.94**			**11.900**	**12.39**	**60.60**
	CLUSTER NO .9													
43	Kilmaruvathur Tank	1.200	8.72	2	7.36	2	0.37	1	2.90			0.950	1.05	20.40
44	Irumbuli Tank	1.200	8.68	2	8.78	2	0.37	2	2.60			1.150	1.10	21.53
45	Perambakkam Tank			2	10.24	2	0.37	1	2.60			1.200	1.20	14.41
46	Thandalam Tank			1	4.40	1	0.18	1	2.91			0.975	0.95	8.44
		2.400	**17.40**	**7**	**30.78**	**7**	**1.29**	**5**	**11.01**			**4.275**	**4.30**	**64.78**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .10													
47	Parukkal Tank			1	5.74	1	0.19	2	3.00			1.800	1.80	10.73
48	Pazhavur Tank	1.100	7.15	1	4.99	1	0.19	1	2.43			0.950	0.99	15.75
49	Mugundhagiri Tank			1	3.35	1	0.18	1	2.70			1.525	1.60	7.83
50	Perukkaranai Tank			2	9.46	2	0.38	2	2.90			1.950	2.00	14.74
51	Poongunam Tank	1.500	10.91	1	4.70	1	0.18	1	3.80			3.975	3.95	23.54
		2.600	**18.06**	**6**	**28.24**	**6**	**1.12**	**7**	**14.83**			**10.200**	**10.34**	**72.59**

	CLUSTER NO .11													
52	Puthur	0.850	7.00			2	0.37	1	0.56			1.930	1.84	9.77
53	Attupatti Koattaipunjai	1.370	11.40	3	11.59	3	0.56	1	2.97			5.450	5.44	31.96
54	Chinnakayapakkam	1.040	8.10	1	3.69	3	0.56	2	3.86			3.650	3.55	19.76
55	Indalur Tank	1.400	10.95	2	10.79	3	0.56	1	1.69			3.280	3.24	27.23
56	Periakayapakkam			2	4.94	3	0.56	2	3.30			4.975	4.90	13.70
		4.660	**37.45**	**8**	**31.01**	**14**	**2.61**	**7**	**12.38**			**19.285**	**18.97**	**102.42**
	CLUSTER NO .12													
57	Kulathur Tank	2.050	15.83	1	4.79	3	0.56	1	1.98			2.050	2.15	25.31
58	Aapedu Tank	2.260	17.55	2	8.88	2	0.37	1	0.26			2.475	2.39	29.45
59	Thenpakkam Tank	1.650	12.61	1	3.66	1	0.19	1	0.99			3.250	3.25	20.70
60	Puliyanai Tank	1.615	12.70	2	8.29	2	0.37	1	1.10			3.970	3.89	26.35
61	Nerkunam Tank			1	4.48	2	0.37	2	2.65			1.675	1.58	9.08
		7.575	**58.69**	**7**	**30.10**	**10**	**1.86**	**6**	**6.98**			**13.420**	**13.26**	**110.89**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .13													
62	Nugumbal Tank	1.100	8.86			1	0.19	1	1.42			1.350	1.30	11.77
63	Periakalakadi Tank			1	4.13	2	0.37	1	1.13			2.950	2.85	8.48
64	Puthirankottai Tank	1.015	7.74	2	8.53	2	0.37	2	2.45			4.950	4.85	23.94

65	Sirunagar Tank	1.050	8.54	1	4.93	2	0.37	1	0.31			2.150	2.13	16.28
		3.165	**25.14**	**4**	**17.59**	**7**	**1.30**	**5**	**5.31**			**11.400**	**11.13**	**60.47**
	CLUSTER NO .14													
66	Sirumailur Tank	1.800	10.18	1	6.21	1	0.19	1	0.24			3.750	3.61	20.43
67	Isur Tank	0.980	7.72	1	3.23	2	0.37	1	1.54			2.250	2.23	15.09
68	Kumili Tank	1.067	8.49	1	3.78	2	0.37	1	0.36			0.925	0.91	13.91
69	Venmelagaram Tank	1.615	13.21	3	11.24	3	0.56	1	2.53			5.940	5.88	33.42
		5.462	**40**	**6**	**24.46**	**8**	**1.49**	**4**	**4.67**			**12.865**	**12.63**	**82.85**
	CLUSTER NO .15													
70	Agaram Tank	1.000	7.31			2	0.36	1	5.78			5.675	5.46	18.91
71	Andarkuppam Tank	1.200	8.85	1	3.08	2	0.39	1	2.02			1.210	0.96	15.30
72	Arasur Tank	1.005	7.31	3	11.61	3	0.54	1	2.12			5.250	5.50	27.08
73	Illeadu big Tank			1	3.21	3	0.54	1	5.20	1	35.75	6.650	6.09	50.79
74	Illeadu Chitheri	1.200	8.92	1	3.08	3	0.54	2	4.07					16.61
		4.405	**32.39**	**6**	**20.98**	**13**	**2.37**	**6**	**19.19**	**1**	**35.75**	**18.785**	**18.01**	**128.69**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .16													
75	Kazhuvelithangal	1.435	10.17	2	8.31	3	0.56	1	2.33			5.000	3.38	24.75
76	Pudupattu Tank	1.722	12.84	1	3.22	2	0.38	1	3.97			1.975	1.85	22.26

77	Vanniyanallur Tank	1.650	12.09	1	3.02	4	0.70	1	1.78			3.250	2.37	19.96
78	Vilampattu Tank	0.800	4.96			1	0.18	1	0.74			0.470	0.40	6.28
79	Vellakondagaram Tank	1.430	10.10	3	10.19	3	0.54	1	3.13			3.000	2.28	26.24
		7.037	**50.16**	**7**	**24.74**	**13**	**2.36**	**5**	**11.95**			**13.695**	**10.28**	**99.49**
	CLUSTER NO .17													
80	Sirukalathur Tank	1.473	10.80	2	7.73	3	0.54	1	1.23			2.000	1.98	22.28
81	Amaindankaranai Tank	1.620	9.82	2	8.88	2	0.48	1	1.25			2.000	1.61	22.04
82	Paniyadivakkam Tank	1.080	11.17	1	0.30	1	0.18	1	1.23			2.000	1.78	14.66
83	Porur Tank	1.238	7.48	2	7.19	2	0.48	1	0.60			1.800	1.78	17.53
84	Kalpattu Tank	1.670	7.88	2	9.65	2	0.35	1	0.38			2.000	2.59	20.85
		7.081	**47.15**	**9**	**33.75**	**10**	**2.03**	**5**	**4.69**			**9.800**	**9.74**	**97.36**
	CLUSTER NO .18													
85	Kadukkalur Peria Eri	1.960	10.24	2	9.23	2	0.35	2	5.30			2.000	1.68	26.80
86	Othivilagam Tank	1.637	10.83	2	7.13	2	0.35	1	1.54			1.760	1.59	21.44
87	Villivakkam Tank	1.080	11.80			1	0.17	1	0.40			1.000	0.68	13.05
88	Velur Peria Eri & Pudu eri	1.846	10.54	3	12.18	3	0.54	1	0.83			1.000	1.63	25.72
89	Velur Chitheri	0.978	8.29	2	6.61	2	0.35	1	1.80			1.650	1.63	18.68
90	Vedal Thangal			1	3.33	1	0.17	1	18.94			1.650	1.75	24.19
		7.501	**51.70**	**10**	**38.48**	**11**	**1.93**	**7**	**28.81**			**9.060**	**8.96**	**129.88**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**

		Length (km)	Amt	No	Amt	No	Amt	No	Amt	No	Amt	Length (km)	Amt	
	CLUSTER NO .19													
91	Cheyyur Peria Eri			2	8.35	3	0.45	1	2.65			1.500	1.50	12.95
92	Cheyyur Nemaneri	0.740	5.55	1	3.45	1	0.15					1.150	1.15	10.30
93	Cheyyur Nemilithangal	0.907	6.85	1	5.00	3	0.45	1	1.45			2.000	1.50	15.25
94	Cheyyur puthur tank	1.150	8.65	2	7.68	3	0.45	1	2.17			2.000	2.00	20.95
95	Veerabogam Tank	0.813	6.50	1	4.26	2	0.30	1	1.54			3.000	4.00	16.60
96	Ammanur Tank	1.236	9.30	1	5.00	2	0.30	1	1.00			1.300	1.30	16.90
		4.846	**36.85**	**8**	**33.74**	**14**	**2.10**	**5**	**8.81**			**10.950**	**11.45**	**92.95**
	CLUSTER NO .20													
97	Nemandam Tank	1.040	7.80	1	4.70	2	0.30	1	2.90			2.000	2.00	17.70
98	Iranyachithir Tank	0.777	5.85	1	4.86	2	0.30	2	2.49			1.500	1.50	15.00
99	Chinnavelikkadu Tank	0.805	6.05	1	4.95	2	0.30	1	1.00			1.500	1.50	13.80
100	Thiruvadur Tank	0.984	7.40	1	5.00	2	0.30	1	1.60			1.500	1.50	15.80
101	Melapattu Siruvangunam	1.490	11.03	3	13.07	4	0.60					1.800	1.14	25.84
102	Kadugapattu Chitheri	1.087	7.51	1	2.92	2	0.30	1	1.80			1.500	0.82	13.35
103	Palur Tank	0.750	6.83	1	3.06	3	0.45	1	4.71			1.500	0.82	15.87
		6.933	**52.47**	**9**	**38.56**	**17**	**2.55**	**7**	**14.50**			**11.300**	**9.28**	**117.36**
	CLUSTER NO .21													
104	Ozhavetti Tank	0.970	7.84	2	6.88	5	0.75	1	0.80			3.500	2.05	18.32
105	Chinnavenmani Periyaeri	1.150	8.85	1	4.75	1	0.15	2	1.04			1.800	1.20	15.99

106	Pavundankaranai Tank	0.740	6.34	2	7.32	2	0.30	1	0.88			2.000	1.38	16.22
107	MaruvalamPeriyaeri	0.690	5.64	2	7.34	2	0.30	1	2.33			2.000	1.89	17.50
108	Onambakkam Tank	2.200	17.28	2	7.47	3	0.45	2	1.08			2.200	1.22	27.50
109	Irumbedu Periyaeri	2.740	23.07	2	9.88	3	0.45	3	1.84			3.500	3.27	38.51
		8.490	**69.02**	**11**	**43.64**	**16**	**2.40**	**10**	**7.97**			**15.000**	**11.01**	**134.04**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .22													
110	Dhadhapuram Small Tank	1.400	8.82	2	7.00	2	0.36	1	2.60			2.000	1.35	20.13
111	Dhadhapuram Big tank			1	1.01	2	0.36	2	3.55			2.000	1.31	6.23
112	Kodiyam Tank	1.200	7.76	2	6.65	3	0.54	1	2.62			3.100	3.30	20.87
113	Ammanampakkam Tank	0.900	6.21	2	6.80	2	0.36	1	2.07			1.100	0.84	16.28
		3.500	**22.79**	**7**	**21.46**	**9**	**1.62**	**5**	**10.84**			**8.200**	**6.80**	**63.51**
	CLUSTER NO .23													
114	Vairapuram													
115	Thenkaipakkam	0.650	4.80	1	3.19	1	0.18	1	1.59			1.400	1.73	11.49
116	Saram Big tank	2.300	13.00	2	9.98	2	0.36	1	3.75			3.000	1.82	28.91
		2.950	**17.80**	**3**	**13.17**	**3**	**0.54**	**2**	**5.34**			**4.400**	**3.55**	**40.40**
	CLUSTER NO .24													
117	Puliyur	1.000	6.39	1	3.63	1	0.18	2	4.25			1.500	1.09	15.54
118	Neikuppei	1.200	7.69	2	7.76	2	0.36	1	2.73			1.200	0.87	19.41

119	Melpakkam	1.050	7.16	1	3.60	1	0.18	2	2.39			1.000	0.89	14.22
120	Sathanur			2	5.70	2	0.36	1	3.22					9.28
121	T.Panchallam	1.300	8.37	1	2.90	1	0.18	1	2.54			2.000	1.42	15.41
		4.550	**29.61**	**7**	**23.59**	**7**	**1.26**	**7**	**15.13**			**5.700**	**4.27**	**73.86**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .25													
122	Kilkudalore	1.300	8.45	1	4.40	1	0.18	1	0.53			1.800	1.33	14.89
123	Saram Small tank	1.300	8.30			1	0.18	1	3.12			2.000	1.58	13.18
124	Pallipakkam			2	1.70	2	0.34	1	0.98			2.000	1.37	4.39
125	Kiladanur			2	1.70	2	0.30	1	3.32			1.200	0.92	6.24
		2.600	**16.75**	**5**	**7.80**	**6**	**1.00**	**4**	**7.95**			**7.000**	**5.20**	**38.70**
	CLUSTER NO .26													
126	Olakkur			2	1.74	2	0.35					2.500	1.39	3.48
127	Kutichikolathur	1.700	10.94	1	4.09	1	0.18	1	0.63			2.100	1.39	17.23
128	Karikkampattu	2.200	13.70	3	11.09	3	0.54	1	2.05	1	14.72	1.300	0.99	43.09
129	Ongur (Big)													
130	Ongur (Small)													
131	Kambur	1.800	11.06	1	3.62	1	0.18	1	0.95			2.000	1.40	17.21
		5.700	**35.70**	**7**	**20.54**	**7**	**1.25**	**3**	**3.63**	**1**	**14.72**	**7.900**	**5.17**	**81.01**

	CLUSTER NO .27													
132	Annambakkam big tank	2.400	14.68	1	3.78	1	0.18	1	0.87			2.500	1.12	20.63
133	Ananmpakkam small tank	1.650	10.64	1	2.87	1	0.18	1	0.73			0.750	1.36	15.78
134	Vadakalavai	2.500	15.47	2	6.07	2	0.35	1	0.64			2.500	1.52	24.05
135	Kadavampakkam tank			2	6.68	2	0.35	1	0.52					7.55
136	Avanipur			1	8.05	1	0.18							8.23
		6.550	**40.79**	**7**	**27.45**	**7**	**1.24**	**4**	**2.76**			**5.750**	**4.00**	**76.24**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .28													
137	Pankolathur	1.830	11.86	1	3.65	1	0.18	1	4.16			2.100	1.39	21.24
138	Eappakam	1.050	5.65	1	3.49	2	0.35	2	5.31			3.500	1.73	16.53
139	Kilpasar			1	3.93	1	0.18	2	2.96					7.07
140	Atchipakkam	1.350	8.91					1	1.85			1.500	0.98	11.74
141	Senthamangalam	1.600	10.24	2	6.56	2	0.35	2	2.08			2.900	1.66	20.89
		5.830	**36.66**	**5**	**17.63**	**6**	**1.06**	**8**	**16.36**			**10.000**	**5.76**	**77.47**
	CLUSTER NO .29													
142	Siruvadi	1.100	6.53	2	7.06	2	0.35	1	1.64			2.000	1.24	16.82
143	Vadanergunam	1.200	7.12	2	3.75	2	0.35	1	0.33			1.600	1.17	12.72
144	Nallur peri eri	2.100	10.01	2	7.03	2	0.35	1	3.26			2.000	1.33	21.98

145	Nagar peri eri	1.830	10.15	3	10.78	3	0.53	2	2.73			3.000	1.78	25.97
146	Nagar Chitheri	1.000	6.15	2	7.09	2	0.35	1	3.34			5.000	2.60	19.53
		7.230	**39.96**	**11**	**35.71**	**11**	**1.93**	**6**	**11.30**			**13.600**	**8.12**	**97.02**
	CLUSTER NO .30													
147	Aalathur	0.840	5.66	1	3.03	1	0.18	1	0.89			1.100	0.93	10.69
148	Nagalpakkam	1.100	2.78	2	4.09	2	0.35	1	1.07			1.000	1.08	9.37
149	Aspur peria eri	1.580												
150	Aspur Chitheri	1.580												
151	Kurumparam	1.300	8.42	1	2.96	1	0.18	1	0.37			1.000	0.80	12.73
A7	Kollimedu anicut					2	0.35			1	22.56			22.91
		6.400	**16.86**	**4**	**10.08**	**6**	**1.06**	**3**	**2.33**	**1**	**22.56**	**3.100**	**2.81**	**55.70**
Sl.No	**Name of tank/ Anicut/ Reservoir**	**Bund**		**Sluice reconstruction**		**Measuring Device**		**Weir Repairs**		**Anicut Repairs**		**Supply Channel**		**Amount in Lakhs**
		Length (km)	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**No**	**Amt**	**Length (km)**	**Amt**	
	CLUSTER NO .31													
152	Nolambur tank	0.880	5.81	3	11.13	3	0.53	2	2.67			4.000	2.33	22.47
153	Senalur Bootheri Hissa tank	1.200	7.09	2	6.67	2	0.35	1	2.73			1.500	1.04	17.88
154	Kilsevoor	1.500	8.79			1	0.18	3	2.90			3.000	1.55	13.42
155	Atchipakkam big tank	0.760	4.83	1	2.92	1	0.17	1	1.68			1.200	0.88	10.48
		4.340	**26.52**	**6**	**20.72**	**7**	**1.23**	**7**	**9.98**			**9.700**	**5.80**	**64.25**
	CLUSTER NO .32													
156	Pappanallur tank	1.470	10.57									1.000	0.99	11.56
157	Thellar peria eri	1.020	11.00	1	7.02			1	2.06			1.600	1.54	21.62
158	Thellar Chitheri	2.227	11.87	2	10.79	2	0.36					1.400	1.15	24.17

159	Measanallur big tank	1.800	11.65									1.100	1.51	13.16
160	Kodiyalam tank	1.440	15.00	3	15.31	3	0.54					1.600	0.83	31.68
161	S.Katteri tank	1.110	11.53	1	5.39			1	1.89			2.200	1.64	20.45
162	Theyyar Chitheri	2.070	6.31	1	5.34							2.400	2.53	14.18
163	Theyyar big tank	1.717	13.61	1	6.24							1.800	2.08	21.93
		12.854	**91.54**	**9**	**50.09**	**5**	**0.90**	**2**	**3.95**			**13.100**	**12.27**	**158.75**
	CLUSTER NO .33													
164	Nallur big tank							3	8.02					8.02
165	Nallur palaveri													
166	Ramasamudram chitheri	0.900	8.87	1	3.40	2	0.36	1	1.58			1.200	1.06	15.27
167	Ramasamudram big tank													
168	Padur Tank													
169	Mavalavadi tank	1.050	10.90	2	9.37	2	0.36	1	1.42			1.100	1.01	23.06
170	Sathiyavadi tank													
171	Mudur tank							1	1.90			4.000	3.54	5.44
172	Amudur Tank	0.990	11.75	3	11.21	3	0.54					2.100	1.84	25.34
		2.940	**31.52**	**6**	**23.98**	**7**	**1.26**	**6**	**12.92**			**8.400**	**7.45**	**77.13**
	GRAND TOTAL	**177.227**	**1166.42**	**238**	**956.12**	**317**	**56.03**	**173**	**341.41**	**6**	**133.19**	**347.445**	**297.40**	**2950.57**

Details of proposals in each Infrastructure of the sub basin

Sl.No	Name of tank/ Anicut/ Reservoir	Bund		Sluice reconstruction		Measuring Device		Weir Repairs		Anicut Repairs		Supply Channel		Amount in Lakhs
		Length (km)	Amt	No	Amt	No	Amt	No	Amt	No	Amt	Length (km)	Amt	
	CLUSTER NO .1	3.536	18.20	7	32.11	10	1.91	4	13.00			8.780	6.82	72.04
	CLUSTER NO .2	4.760	24.19	9	34.24	16	2.93	3	11.29			9.580	7.23	79.88
	CLUSTER NO .3	5.885	33.76	8	35.97	13	2.59	4	25.02			10.600	10.36	107.70
	CLUSTER NO .4	6.460	26.29	12	62.13	12	2.29	9	12.24	1	28.02	15.400	10.08	141.05
	CLUSTER NO .5	5.335	24.32	7	30.05	10	1.93	5	5.31	2	32.14	8.600	8.14	101.89
	CLUSTER NO .6	5.037	33.44	9	42.70	11	1.80	5	9.59			16.650	14.03	101.56
	CLUSTER NO .7	4.935	36.14	8	37.80	12	1.88	4	4.43			9.050	7.79	88.04
	CLUSTER NO .8	3.680	27.50	3	12.83	6	0.94	3	6.94			11.900	12.39	60.60

	CLUSTER NO .9	**2.400**	**17.40**	**7**	**30.78**	**7**	**1.29**	**5**	**11.01**			**4.275**	**4.30**	**64.78**
	CLUSTER NO .10	**2.600**	**18.06**	**6**	**28.24**	**6**	**1.12**	**7**	**14.83**			**10.200**	**10.34**	**72.59**
	CLUSTER NO .11	**4.660**	**37.45**	**8**	**31.01**	**14**	**2.61**	**7**	**12.38**			**19.285**	**18.97**	**102.42**
	CLUSTER NO .12	**7.575**	**58.69**	**7**	**30.10**	**10**	**1.86**	**6**	**6.98**			**13.420**	**13.26**	**110.89**
	CLUSTER NO .13	**3.165**	**25.14**	**4**	**17.59**	**7**	**1.30**	**5**	**5.31**			**11.400**	**11.13**	**60.47**
	CLUSTER NO .14	**5.462**	**39.60**	**6**	**24.46**	**8**	**1.49**	**4**	**4.67**			**12.865**	**12.63**	**82.85**
	CLUSTER NO .15	**4.405**	**32.39**	**6**	**20.98**	**13**	**2.37**	**6**	**19.19**	**1**	**35.75**	**18.785**	**18.01**	**128.69**
	CLUSTER NO .16	**7.037**	**50.16**	**7**	**24.74**	**13**	**2.36**	**5**	**11.95**			**13.695**	**10.28**	**99.49**
	CLUSTER NO .17	**7.081**	**47.15**	**9**	**33.75**	**10**	**2.03**	**5**	**4.69**			**9.800**	**9.74**	**97.36**
	CLUSTER NO .18	**7.501**	**51.70**	**10**	**38.48**	**11**	**1.93**	**7**	**28.81**			**9.060**	**8.96**	**129.88**

	CLUSTER NO .19	**4.846**	**36.85**	**8**	**33.74**	**14**	**2.10**	**5**	**8.81**			**10.950**	**11.45**	**92.95**
	CLUSTER NO .20	**6.933**	**52.47**	**9**	**38.56**	**17**	**2.55**	**7**	**14.50**			**11.300**	**9.28**	**117.36**
	CLUSTER NO .21	**8.490**	**69.02**	**11**	**43.64**	**16**	**2.40**	**10**	**7.97**			**15.000**	**11.01**	**134.04**
	CLUSTER NO .22	**3.500**	**22.79**	**7**	**21.46**	**9**	**1.62**	**5**	**10.84**			**8.200**	**6.80**	**63.51**
	CLUSTER NO .23	**2.950**	**17.80**	**3**	**13.17**	**3**	**0.54**	**2**	**5.34**			**4.400**	**3.55**	**40.40**
	CLUSTER NO .24	**4.550**	**29.61**	**7**	**23.59**	**7**	**1.26**	**7**	**15.13**			**5.700**	**4.27**	**73.86**
	CLUSTER NO .25	**2.600**	**16.75**	**5**	**7.80**	**6**	**1.00**	**4**	**7.95**			**7.000**	**5.20**	**38.70**
	CLUSTER NO .26	**5.700**	**35.70**	**7**	**20.54**	**7**	**1.25**	**3**	**3.63**	**1**	**14.72**	**7.900**	**5.17**	**81.01**
	CLUSTER NO .27	**6.550**	**40.79**	**7**	**27.45**	**7**	**1.24**	**4**	**2.76**			**5.750**	**4.00**	**76.24**
	CLUSTER NO .28	**5.830**	**36.66**	**5**	**17.63**	**6**	**1.06**	**8**	**16.36**			**10.000**	**5.76**	**77.47**
	CLUSTER NO .29	**7.230**	**39.96**	**11**	**35.71**	**11**	**1.93**	**6**	**11.30**			**13.600**	**8.12**	**97.02**

	CLUSTER NO .30	**6.400**	**16.86**	**4**	**10.08**	**6**	**1.06**	**3**	**2.33**	**1**	**22.91**	**3.100**	**2.81**	**56.05**
	CLUSTER NO .31	**4.340**	**26.52**	**6**	**20.72**	**7**	**1.23**	**7**	**9.98**			**9.700**	**5.80**	**64.25**
	CLUSTER NO .32	**12.854**	**91.54**	**9**	**50.09**	**5**	**0.90**	**2**	**3.95**			**13.100**	**12.27**	**158.75**
	CLUSTER NO .33	**2.940**	**31.52**	**6**	**23.98**	**7**	**1.26**	**6**	**12.92**			**8.400**	**7.45**	**77.13**
	GRAND TOTAL	**177.227**	**1166.42**	**238**	**956.12**	**317**	**56.03**	**173**	**341.41**	**6**	**133.54**	**347.445**	**297.40**	**2950.92**

B. WRO COST TABLE(ONGUR SUB BASIN)

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	177227	1166.42	
	SLUICE RECONSTRUCTION	238	956.12	
	WEIR REPAIRS	173	341.41	
	ANAICUTS	5	110.63	
	SUPPLY CHANNEL IMPROVEMENTS	347445	297.40	
	PROVISION FOR FLOW MEASURING DEVICES	317	56.03	
	SubTotal		**2928.01**	
II. Non Tank Component				
	ANAICUTS	1	22.56	
	PROVISION FOR FLOW MEASURING DEVICES	2	0.35	
	SubTotal		**22.91**	
	Environment cell		**16.5**	
	Ground water			
	Total		**2967.42**	

1). Tank component 2928.01

2). Non-Tank component 22.91

3)Environment cell 16.5

Total = 2967.42 LAKHS

Package Details

Sl No.	Package No	Amount (Lakhs)
1	Package No 1	259.62
2	Package No 2	242.94
3	Package No 3	250.20
4	Package No 4	239.79
5	Package No 5	254.21
6	Package No 6	228.18
7	Package No 7	227.24
8	Package No 8	344.35
9	Package No 9	216.47
10	Package No 10	234.72
11	Package No 11	217.32
12	Package No 12	235.88
	Total	**2950.92**
	ENVIRONMENTAL CELL	16.50
	Grand Total	**2967.42**

Package No 1

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	14181	76.15	
	SLUICE RECONSTRUCTION	24	102.32	
	WEIR REPAIRS	11	49.31	
	ANAICUTS	0	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	28960	24.41	
	PROVISION FOR FLOW MEASURING DEVICES	39	7.43	
	SubTotal		**259.62**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**259.62**	

1). Tank component

2). Non-Tank component

Total = **259.62** **LAKHS**

Package No.2

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	11795	50.61	
	SLUICE RECONSTRUCTION	19	92.18	
	WEIR REPAIRS	14	17.55	
	ANAICUTS	3	60.16	
	SUPPLY CHANNEL IMPROVEMENTS	24000	18.22	
	PROVISION FOR FLOW MEASURING DEVICES	22	4.22	
	SubTotal		**242.94**	
II. Non Tank Component				
	NIL			
	SubTotal			
	LS PROVISIONS			
	Environment cell			
	Ground water			
	Total		**242.94**	

1). Tank component
2). Non-Tank component

Total = 242.94 LAKHS

Package No.3

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	13652	97.08	
	SLUICE RECONSTRUCTION	20	93.33	
	WEIR REPAIRS	12	20.96	
	ANAICUTS	0	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	37600	34.21	
	PROVISION FOR FLOW MEASURING DEVICES	29	4.62	
	SubTotal		**250.20**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**250.20**	

1). Tank component

2). Non-Tank component

Total = **250.20** **LAKHS**

Package No.4

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	9660	72.91	
	SLUICE RECONSTRUCTION	21	90.03	
	WEIR REPAIRS	19	38.22	
	ANAICUTS	0	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	33760	33.61	
	PROVISION FOR FLOW MEASURING DEVICES	27	5.02	
	SubTotal		**239.79**	
	Total		**239.79**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**239.79**	

1). Tank component
2). Non-Tank component

Total = 239.79 LAKHS

Package No.5

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	16202	123.43	
	SLUICE RECONSTRUCTION	17	72.15	
	WEIR REPAIRS	15	16.96	
	ANAICUTS	0	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	37685	37.02	
	PROVISION FOR FLOW MEASURING DEVICES	25	4.65	
	SubTotal		**254.21**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**254.21**	

1). Tank component

2). Non-Tank component

Total = 254.21 LAKHS

Package No.6

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	11442	82.55	
	SLUICE RECONSTRUCTION	13	45.72	
	WEIR REPAIRS	11	31.14	
	ANAICUTS	1	35.75	
	SUPPLY CHANNEL IMPROVEMENTS	32480	28.29	
	PROVISION FOR FLOW MEASURING DEVICES	26	4.73	
	SubTotal		**228.18**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**228.18**	

1). Tank component

2). Non-Tank component

Total = 228.18 LAKHS

Package No 7

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	14582	98.85	
	SLUICE RECONSTRUCTION	19	72.23	
	WEIR REPAIRS	12	33.50	
	ANAICUTS			
	SUPPLY CHANNEL IMPROVEMENTS	18860	18.70	
	PROVISION FOR FLOW MEASURING DEVICES	21	3.96	
	SubTotal		**227.24**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**227.24**	

1). Tank component

2). Non-Tank component

Total = 227.24 LAKHS

Package No.8

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	20269	158.34	
	SLUICE RECONSTRUCTION	28	115.94	
	WEIR REPAIRS	22	31.28	
	ANAICUTS	0.00	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	37250	31.74	
	PROVISION FOR FLOW MEASURING DEVICES	47	7.05	
	SubTotal		**344.35**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**344.35**	

1). Tank component

2). Non-Tank component

Total = 344.35 LAKHS

Package No.9

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	13600	86.95	
	SLUICE RECONSTRUCTION	22	66.02	
	WEIR REPAIRS	18	39.26	
	ANAICUTS	0	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	25300	19.82	
	PROVISION FOR FLOW MEASURING DEVICES	25	4.42	
	SubTotal		**216.47**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**216.47**	

1). Tank component

2). Non-Tank component

Total = 216.47 LAKHS

Package No.10

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	18080	113.15	
	SLUICE RECONSTRUCTION	19	65.62	
	WEIR REPAIRS	15	22.75	
	ANAICUTS	1	14.72	
	SUPPLY CHANNEL IMPROVEMENTS	23650	14.93	
	PROVISION FOR FLOW MEASURING DEVICES	20	3.55	
	SubTotal		**234.72**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**234.72**	

1). Tank component

2). Non-Tank component

Total = **234.72** **LAKHS**

Package No.11

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	17970	83.34	
	SLUICE RECONSTRUCTION	21	66.51	
	WEIR REPAIRS	16	23.61	
	ANAICUTS	0	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	26400	16.73	
	PROVISION FOR FLOW MEASURING DEVICES	24	4.22	
	SubTotal		**194.41**	
II. Non Tank Component				
	ANAICUTS	1	22.56	
	PROVISION FOR FLOW MEASURING DEVICES	2	0.35	
	SubTotal		**22.91**	
	Environment cell			
	Ground water			
	Total		**217.32**	

1). Tank component

2). Non-Tank component

Total = 217.32 LAKHS

Package No.12

B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
I.	**Tank Component**			
	TANK BUND IMPROVEMENTS	15794	123.06	
	SLUICE RECONSTRUCTION	15	74.07	
	WEIR REPAIRS	8	16.87	
	ANAICUTS	0.00	0.00	
	SUPPLY CHANNEL IMPROVEMENTS	21500	19.72	
	PROVISION FOR FLOW MEASURING DEVICES	12	2.16	
	SubTotal		**235.88**	
II. Non Tank Component				
	NIL			
	SubTotal			
	Environment cell			
	Ground water			
	Total		**235.88**	

1). Tank component

2). Non-Tank component

Total = **235.88** **LAKHS**

Package 1

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	5672.40	30.46	8509	45.69	14181	Rm	76.15
2	SLUICE RECONSTRUCTION	10	40.93	14	61.39	24	Nos	102.32
3	WEIR REPAIRS	4	19.72	7	29.59	11	Nos	49.31
4	ANAICUTS	0.00	0.00	0.00	0.00	0	Nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	11584.00	9.76	17376.00	14.65	28960	Rm	24.41
	PROVISION FOR FLOW MEASURING DEVICES	12.00	2.97	18.00	4.46	30	Nos	7.43
	SubTotal		**103.85**		**155.77**			**259.62**
	II. Non Tank Component							
	SubTotal							Nil
	Environment cell							
	Ground water							
	Total		**103.85**		**155.77**			**259.62**

1)	Tank Component	259.62
2)	Non Tank Component	Nil
	TOTAL	**259.62 Lakhs**

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total	
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity	Amount in Lakhs
	I. Tank Component						
1	TANK BUND IMPROVEMENTS	4718	20.24	7077	30.37	11795 Rm	50.61
2	SLUICE RECONSTRUCTION	8	36.87	11	55.31	19 nos	92.18
3	WEIR REPAIRS	6	7.02	8	10.53	14 nos	17.55
4	ANAICUTS	1	24.06	2	36.10	3 nos	60.16
5	SUPPLY CHANNEL IMPROVEMENTS	9600	7.29	14400	10.93	24000 Rm	18.22
	PROVISION FOR FLOW MEASURING DEVICES	9	1.69	13	2.53	22 nos	4.22
	SubTotal		**97.18**		**145.76**		**242.94**
	II. Non Tank Component						
	SubTotal						Nil
	Environment cell						
	Ground water						
	Total		**97.18**		**145.76**		**242.94**

1) Tank Component 242.94
2) Non Tank Component Nil

TOTAL 242.94 Lakhs

Package 3

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total	
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity	Amount in Lakhs
	I. Tank Component						
1	TANK BUND IMPROVEMENTS	5461	38.83	8191	58.25	13652 Rm	97.08
2	SLUICE RECONSTRUCTION	8	37.33	12	56.00	20 nos	93.33
3	WEIR REPAIRS	5	8.38	7	12.58	12 nos	20.96
4	ANAICUTS	0	0.00	0	0.00	0 nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	15040	13.68	22560	20.53	37600 Rm	34.21
	PROVISION FOR FLOW MEASURING DEVICES	12	1.85	17	2.77	29 nos	4.62
	SubTotal		**100.08**		**150.12**		**250.20**
	II. Non Tank Component						
	SubTotal						Nil
	Environment cell						
	Ground water						
	Total		**100.08**		**150.12**		**250.20**

1) Tank Component 250.20
2) Non Tank Component Nil

TOTAL 250.20 Lakhs

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	3864	29.16	5796	43.75	9660	Rm	72.91
2	SLUICE RECONSTRUCTION	8	36.01	13	54.02	21	nos	90.03
3	WEIR REPAIRS	8	15.29	11	22.93	19	nos	38.22
4	ANAICUTS	0	0.00	0	0.00	0	nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	13504	13.44	20256	20.17	33760	Rm	33.61
	PROVISION FOR FLOW MEASURING DEVICES	11	2.01	16	3.01	27	nos	5.02
	SubTotal		**95.92**		**143.87**			**239.79**
	II. Non Tank Component							
	SubTotal							Nil
	Environment cell							
	Ground water							
	Total		**95.92**		**143.87**			**239.79**

1)	Tank Component	239.79	
2)	Non Tank Component	Nil	
	TOTAL	**239.79**	**Lakhs**

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total	
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity	Amount in Lakhs
	I. Tank Component						
1	TANK BUND IMPROVEMENTS	6481	49.37	9721	74.06	16202 Rm	123.43
2	SLUICE RECONSTRUCTION	7	28.86	10	43.29	17 nos	72.15
3	WEIR REPAIRS	6	6.78	9	10.18	15 nos	16.96
4	ANAICUTS	0	0.00	0	0.00	0 nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	15074	14.81	22611	22.21	37685 Rm	37.02
	PROVISION FOR FLOW MEASURING DEVICES	10	1.86	15	2.79	25 nos	4.65
	SubTotal		**101.68**		**152.53**		**254.21**
	II. Non Tank Component						
	SubTotal						Nil
	Environment cell						
	Ground water						
	Total		**101.68**		**152.53**		**254.21**

1)	Tank Component	254.21	
2)	Non Tank Component	Nil	
	TOTAL	**254.21**	**Lakhs**

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	4577	33.02	6865	49.53	11442	Rm	82.55
2	SLUICE RECONSTRUCTION	5	18.29	8	27.43	13	nos	45.72
3	WEIR REPAIRS	4	12.46	7	18.68	11	nos	31.14
4	ANAICUTS	0	14.30	1	21.45	1	nos	35.75
5	SUPPLY CHANNEL IMPROVEMENTS	12992	11.32	19488	16.97	32480	Rm	28.29
	PROVISION FOR FLOW MEASURING DEVICES	10	1.89	16	2.84	26	nos	4.73
	SubTotal		**91.27**		**136.91**			**228.18**
	II. Non Tank Component							
	SubTotal							Nil
	Environment cell							
	Ground water							
	Total		**91.27**		**136.91**			**228.18**

1)	Tank Component	228.18	
2)	Non Tank Component	Nil	
	TOTAL	**228.18**	**Lakhs**

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	5833	39.54	8749	59.31	14582	Rm	98.85
2	SLUICE RECONSTRUCTION	8	28.89	11	43.34	19	nos	72.23
3	WEIR REPAIRS	5	13.40	7	20.10	12	nos	33.50
4	ANAICUTS	0	0.00	0	0.00	0	nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	7544	7.48	11316	11.22	18860	Rm	18.70
	PROVISION FOR FLOW MEASURING DEVICES	8	1.58	13	2.38	21	nos	3.96
	SubTotal		**90.90**		**136.34**			**227.24**
	II. Non Tank Component							
	SubTotal							Nil
	Environment cell							
	Ground water							
	Total		**90.90**		**136.34**			**227.24**

1)	Tank Component	227.24	
2)	Non Tank Component	Nil	
	TOTAL	**227.24**	**Lakhs**

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total	
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity	Amount in Lakhs
	I. Tank Component						
1	TANK BUND IMPROVEMENTS	8108	63.34	12161	95.00	20269 Rm	158.34
2	SLUICE RECONSTRUCTION	11	46.38	17	69.56	28 nos	115.94
3	WEIR REPAIRS	9	12.51	13	18.77	22 nos	31.28
4	ANAICUTS	0	0.00	0	0.00	0 nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	14900	12.70	22350	19.04	37250 Rm	31.74
	PROVISION FOR FLOW MEASURING DEVICES	19	2.82	28	4.23	47 nos	7.05
	SubTotal		**137.74**		**206.61**		**344.35**
	II. Non Tank Component						
	SubTotal						Nil
	Environment cell						
	Ground water						
	Total		**137.74**		**206.61**		**344.35**

1) Tank Component 344.35
2) Non Tank Component Nil

TOTAL 344.35 Lakhs

Package 9

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total	
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity	Amount in Lakhs
	I. Tank Component						
1	TANK BUND IMPROVEMENTS	5440	34.78	8160	52.17	13600 Rm	86.95
2	SLUICE RECONSTRUCTION	9	26.41	13	39.61	22 nos	66.02
3	WEIR REPAIRS	7	15.70	11	23.56	18 nos	39.26
4	ANAICUTS	0	0.00	0	0.00	0 nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	10120	7.93	15180	11.89	25300 Rm	19.82
	PROVISION FOR FLOW MEASURING DEVICES	10	1.77	15	2.65	25 nos	4.42
	SubTotal		**86.59**		**129.88**		**216.47**
	II. Non Tank Component						
	SubTotal						Nil
	Environment cell						
	Ground water						
	Total		**86.59**		**129.88**		**216.47**

1)	Tank Component	216.47	
2)	Non Tank Component	Nil	
	TOTAL	**216.47**	**Lakhs**

Package 10

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	7232	45.26	10848	67.89	18080	Rm	113.15
2	SLUICE RECONSTRUCTION	8	26.25	11	39.37	19	nos	65.62
3	WEIR REPAIRS	6	9.10	9	13.65	15	nos	22.75
4	ANAICUTS	0	5.89	1	8.83	1	nos	14.72
5	SUPPLY CHANNEL IMPROVEMENTS	9460	5.97	14190	8.96	23650	Rm	14.93
	PROVISION FOR FLOW MEASURING DEVICES	8	1.42	12	2.13	20	nos	3.55
	SubTotal		**93.89**		**140.83**			**234.72**
	II. Non Tank Component							
	SubTotal							Nil
	Environment cell							
	Ground water							
	Total		**93.89**		**140.83**			**234.72**

1)	Tank Component	234.72	
2)	Non Tank Component	Nil	
	TOTAL	**234.72**	**Lakhs**

Package 11

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	7188	33.34	10782	50.00	17970	Rm	83.34
2	SLUICE RECONSTRUCTION	8	26.60	13	39.91	21	nos	66.51
3	WEIR REPAIRS	6	9.44	10	14.17	16	nos	23.61
4	ANICUTS	0	0.00	0	0.00	0	nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	10560	6.69	15840	10.04	26400	Rm	16.73
	PROVISION FOR FLOW MEASURING DEVICES	10	1.69	14	2.53	24	nos	4.22
	SubTotal		**77.76**		**116.65**			**194.41**
	II. Non Tank Component							
1	ANAICUTS	1	9.20		13.36	1	no	22.56
	PROVISION FOR FLOW MEASURING DEVICES	1	0.14	1	0.21	2	nos	0.35
	Sub Total		**9.34**		**13.57**			**22.91**
	Environment cell							
	Ground water							
	Total		**87.10**		**130.22**			**217.32**

1)	Tank Component	194.41	
2)	Non Tank Component	22.91	
	TOTAL	**217.32**	**Lakhs**

C. (PHYSICAL AND FINANCIAL PROGRAM)

Sl. No.	Description	I Year		II Year		Total		
		Quantity	Amount in Lakhs	Quantity	Amount in Lakhs	Quantity		Amount in Lakhs
	I. Tank Component							
1	TANK BUND IMPROVEMENTS	6318	49.22	9476	73.84	15794	Rm	123.06
2	SLUICE RECONSTRUCTION	6	29.63	9	44.44	15	nos	74.07
3	WEIR REPAIRS	3	6.75	5	10.12	8	nos	16.87
4	ANAICUTS	0	0.00	0	0.00	0	nos	0.00
5	SUPPLY CHANNEL IMPROVEMENTS	8600	7.89	12900	11.83	21500	Rm	19.72
	PROVISION FOR FLOW MEASURING DEVICES	5	0.86	7	1.30	12	nos	2.16
	SubTotal		**94.35**		**141.53**			**235.88**
	II. Non Tank Component							
	SubTotal							Nil
	Environment cell							
	Ground water							
	Total		**94.35**		**141.53**			**235.88**

1)	Tank Component	235.88	
2)	Non Tank Component	Nil	
	TOTAL	**235.88**	**Lakhs**

GUR SUB BASIN
PACKAGE 1
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 / Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		282800 m^3	
Working period for earth work		13 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		1271 mt	
Lorry required for conveyence		1271/10	127 Lorries
Total quantity of sand		2546 m^3	
Lorry required for conveyence		2546/11.32	225 Lorries
Total quantity of metal		4591 m^3	
Lorry required for conveyence		4591 /16.80	273 Lorries
Total quantity of stone		2356 m^3	
Lorry required for conveyence		2356 /16.80	140 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 8 months

ONGUR SUB BASIN
PACKAGE 2
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 / Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		298300 m^3	
Working period for earth work		13 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		967 mt	
Lorry required for conveyence		967/10	97 Lorries
Total quantity of sand		1842 m^3	
Lorry required for conveyence		1842/11.32	162 Lorries
Total quantity of metal		3358 m^3	
Lorry required for conveyence		3358 /16.80	200 Lorries
Total quantity of stone		2112 m^3	
Lorry required for conveyence		2112 /16.80	126 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 6 months

ONGUR SUB BASIN
PACKAGE 3
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries	6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)		1152 m^3 /Day
For 1 month (20 Working days)	20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work	290180 m^3	
Working period for earth work	13 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	

Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		1031 mt	
Lorry required for conveyence		1031/10	103 Lorries
Total quantity of sand		2115 m^3	
Lorry required for conveyence		2115/11.32	187 Lorries
Total quantity of metal		3805 m^3	
Lorry required for conveyence		3805 /16.80	226 Lorries
Total quantity of stone		2253 m^3	
Lorry required for conveyence		2253 /16.80	134 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 7 months

ONGUR SUB BASIN
PACKAGE 4
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 /Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		252680 m^3	
Working period for earth work		11 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		1003 mt	
Lorry required for conveyence		1003/10	100 Lorries
Total quantity of sand		2049 m^3	
Lorry required for conveyence		2049/11.32	181 Lorries
Total quantity of metal		3717 m^3	
Lorry required for conveyence		3717 /16.80	221 Lorries
Total quantity of stone		2187 m^3	
Lorry required for conveyence		2187 /16.80	130 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 7 months

ONGUR SUB BASIN
PACKAGE 5
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(28 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1344 m^3 /Day
For 1 month (20 Working days)		20 x 1344 m^3	26880 m^3/ month
Total quantity of earth work		298600 m^3	
Working period for earth work		11 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 7 nos
2. Tippers / Lorries - 28 nos
3. Power roller - 7 nos
4. Vibrated compactor - 7 nos
5. Water lorries - 7 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		886 mt	
Lorry required for conveyence		886/10	87 Lorries
Total quantity of sand		1808 m^3	
Lorry required for conveyence		1808/11.32	160 Lorries
Total quantity of metal		3220 m^3	
Lorry required for conveyence		3220 /16.80	192 Lorries
Total quantity of stone		2213 m^3	
Lorry required for conveyence		2213 /16.80	132 Lorries
Tipper / Lorries for conveyance of materials		**5 Nos** for 20 days for 6 months	

ONGUR SUB BASIN
PACKAGE 6
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 /Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		290540 m^3	
Working period for earth work		13 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		654 mt	
Lorry required for conveyence		654/10	65 Lorries
Total quantity of sand		1334 m^3	
Lorry required for conveyence		1334/11.32	118 Lorries
Total quantity of metal		2364 m^3	
Lorry required for conveyence		2364 /16.80	141 Lorries
Total quantity of stone		2090 m^3	
Lorry required for conveyence		2090 /16.80	124 Lorries

Tipper / Lorries for conveyance of materials **5 Nos** for 20 days for 5 months

ONGUR SUB BASIN
PACKAGE 7
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 /Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		265600 m^3	
Working period for earth work		12 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		803 mt	
Lorry required for conveyence		803/10	80 Lorries
Total quantity of sand		1622 m^3	
Lorry required for conveyence		1622/11.32	143 Lorries
Total quantity of metal		2814 m^3	
Lorry required for conveyence		2814 /16.80	168 Lorries
Total quantity of stone		2260 m^3	
Lorry required for conveyence		2260 /16.80	135 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 6 months

ONGUR SUB BASIN
PACKAGE 8
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(28 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1344 m^3 /Day
For 1 month (20 Working days)		20 x 1344 m^3	26880 m^3/ month
Total quantity of earth work		305000 m^3	
Working period for earth work		12 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 7 nos
2. Tippers / Lorries - 28 nos
3. Power roller - 7 nos
4. Vibrated compactor - 7 nos
5. Water lorries - 7 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		1157 mt	
Lorry required for conveyence		1157/10	116 Lorries
Total quantity of sand		2474 m^3	
Lorry required for conveyence		2474/11.32	219 Lorries
Total quantity of metal		4135 m^3	
Lorry required for conveyence		4135 /16.80	246Lorries
Total quantity of stone		2788 m^3	
Lorry required for conveyence		2788 /16.80	166 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 8 months

ONGUR SUB BASIN
PACKAGE 9
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 /Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		243600 m^3	
Working period for earth work		11 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		1160 mt	
Lorry required for conveyence		1160/10	116 Lorries
Total quantity of sand		2480 m^3	
Lorry required for conveyence		2480/11.32	219 Lorries
Total quantity of metal		4490 m^3	
Lorry required for conveyence		4490 /16.80	267 Lorries
Total quantity of stone		2318 m^3	
Lorry required for conveyence		2318 /16.80	138 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 8 months

ONGUR SUB BASIN
PACKAGE 10
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(32 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1536 m^3 /Day
For 1 month (20 Working days)		20 x 1536 m^3	30720 m^3/ month
Total quantity of earth work		358360 m^3	
Working period for earth work		12 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 8 nos
2. Tippers / Lorries - 32 nos
3. Power roller - 8 nos
4. Vibrated compactor - 8 nos
5. Water lorries - 8 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		967 mt	
Lorry required for conveyence		967/10	97 Lorries
Total quantity of sand		1991 m^3	
Lorry required for conveyence		1991/11.32	176 Lorries
Total quantity of metal		3550 m^3	
Lorry required for conveyence		3550 /16.80	211 Lorries
Total quantity of stone		2266 m^3	
Lorry required for conveyence		2266 /16.80	135 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 7 months

ONGUR SUB BASIN
PACKAGE 11
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152m^3/Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		197000 m^3	
Working period for earth work		9 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries -24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		1025 mt	
Lorry required for conveyence		1025/10	103 Lorries
Total quantity of sand		2113 m^3	
Lorry required for conveyence		2113/11.32	187 Lorries
Total quantity of metal		3781 m^3	
Lorry required for conveyence		3781 /16.80	225 Lorries
Total quantity of stone		2283 m^3	
Lorry required for conveyence		2283 /16.80	136 Lorries

Tipper / Lorries for conveyance of materials — **5 Nos** for 20 days for 7 months

ONGUR SUB BASIN
PACKAGE 12
Calculation of machineries Requirement

Hydraulic excavator & 4 Tippers / Lorries		6 Hours / Day	
(24 No x 2 loads/ hour x 6 Hr x 4 m^3/ trip)			1152 m^3 /Day
For 1 month (20 Working days)		20 x 1152 m^3	23040 m^3/ month
Total quantity of earth work		303528 m^3	
Working period for earth work		13 months + 4 Months rainy season	

Machinaries required for earth work :

1. Hydraulic excavator - 6 nos
2. Tippers / Lorries - 24 nos
3. Power roller - 6 nos
4. Vibrated compactor - 6 nos
5. Water lorries - 6 nos

Mixer machine	2 m^3 / hour	For 6 hours / day	12 m^3 / day
Total quantity of concrete		3679 m^3	
Mixer machine required		**2 Nos** for 10 days / month -- 9 months	
Material conveyence		**Tippers / Lorries**	
Cement	10 mt / Trip	1 trip / day	10 mt / day
Sand	5.66 m^3 / Trip	2 trips / day	11.32m^3 /day
Metal / stone	5.60 m^3 / Trip	3 trips / day	16.80 m^3 /day
Total quantity of cement		856 mt	
Lorry required for conveyence		856/10	86 Lorries
Total quantity of sand		1786 m^3	
Lorry required for conveyence		1786/11.32	158 Lorries
Total quantity of metal		3166 m^3	
Lorry required for conveyence		3166 /16.80	188 Lorries
Total quantity of stone		2231 m^3	
Lorry required for conveyence		2231 /16.80	133 Lorries
Tipper / Lorries for conveyance of materials		**5 Nos** for 20 days for 6 months	

ONGUR SUB BASIN - PACAKAGE NO. 1
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
01/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	789	6	2	6	1728.88	2546.23	8.80	4590.90	2356.00	7820.00	

ONGUR SUB BASIN - PACAKAGE NO. 2
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
02/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	5	5	5	606	5	2	5	1307.62	1841.60	5.20	2336.00	2112.00	6588.00	

ONGUR SUB BASIN - PACAKAGE NO. 3
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
03/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	674	6	2	6	1404.04	2114.75	7.50	2422.00	2253.00	7794.00	

ONGUR SUB BASIN - PACAKAGE NO. 4
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
04/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	656	6	2	6	1342.78	2003.78	6.80	2324.00	2187.00	6068.00	

ONGUR SUB BASIN - PACAKAGE NO. 5
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
05/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	7	7	7	599	7	2	7	1196.61	1807.52	5.50	1982.00	2213.00	8465.00	

ONGUR SUB BASIN - PACAKAGE NO. 6
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
06/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	472	6	2	6	884.76	1333.86	4.30	1500.00	2090.00	6868.00	

ONGUR SUB BASIN - PACAKAGE NO. 7
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
07/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	550	6	2	6	1086.27	1621.51	7.20	1924.00	2260.00	9234.00	

ONGUR SUB BASIN - PACAKAGE NO. 8
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
08/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	7	7	7	775	7	2	7	1558.66	2473.65	12.30	2582.00	2788.00	13549.00	

ONGUR SUB BASIN - PACAKAGE NO. 9
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
09/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	764	6	2	6	1611.12	2480.36	7.80	3035.00	2318.00	8639.00	

ONGUR SUB BASIN - PACAKAGE NO. 10
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
10/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	8	8	8	651	8	2	8	1310.07	1990.96	6.80	2184.00	2266.00	13086.00	

ONGUR SUB BASIN - PACAKAGE NO. 11
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
11/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	675	6	2	6	1393.75	2112.58	7.00	2376.00	2283.00	8763.00	

ONGUR SUB BASIN - PACAKAGE NO. 12
REQUIREMENT OF EQUIPMENTS AND MATERIALS

PACKAGE NUMBER	EQUIPMENTS REQUIRED IN NUMBERS							MATERIAL REQUIRED						
	HYDRAULIC EXCAVATOR	POWER ROLLER	VIBRATED COMPACTOR	TIPPER / LORRY	WATER LORRY	CONCRETE MIXER MACHINE	CONCRETE VIBRATOR	CEMENT IN M.T.	SAND IN m^3	STEEL IN M.T.	METAL 20MM IN m^3	R.R. IN m^3	GRAVEL IN m^3	FUEL
12/IAMWARM/WRO/ONG/WORKS/III(2009 - 10)	6	6	6	589	6	2	6	1162.13	1786.21	6.00	1949.00	2231.00	9190.00	

ONGUR SUB BASIN - PACKAGE NO. 1

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	15000	25000	15000	-	-	25000	30000	34200	-	-	-	-	-	-	-	-	-	-	144200M^3
2	Bund	5000	10000	5000	-	-	10000	10000	15000	20000	20000	20000	23600	-	-	-	-	-	-	138600M^3
3	Foundation	350	450	130	-	-	150	200	250	-	-	-	-	-	-	-	-	-	-	1530M^3
	Concrete																			
4	M 10 grade	78	150	100	-	-	72	150	150	300	300	396	-	-	-	-	-	-	-	1696M^3
5	M 15 grade	50	100	100	-	-	100	200	200	300	300	300	202	-	-	-	-	-	-	1852M^3
6	M 20 grade	-	100	100	-	-	100	150	150	150	150	150	250	253	-	-	-	-	-	1553M^3
7	Random Rubble Masonry	-	50	50	-	-	-	75	75	75	75	75	75	77	-	-	-	-	-	627M^3
8	Gravel backing	-	-	-	-	-	-	100	100	144	150	150	150	150	-	-	-	-	-	944M^3
9	Rough stone	-	-	-	-	-	-	150	150	150	150	150	150	300	300	166	-	-	-	1666M^3
10	Plastering	-	-	-	-	-	-	75	75	100	100	100	100	71	-	-	-	-	-	621M^2
11	Pointing	-	-	-	-	-	-	150	150	260	200	200	200	400	400	400	300	-	-	2660M^2
12	Gravel spreading	-	-	-	-	-	-	1000	1000	1200	1200	1397	-	-	-	-	-	-	-	5797M^3

ONGUR SUB BASIN - PACKAGE NO. 2

Construction Methodology

Sl. No.	Description of Item	Rainy season								Working Months										Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	15000	20000	15000	-	-	15000	23000	25000	25000	25000	-	-	-	-	-	-	-	-	163000M^3
2	Bund	5000	15000	10000	-	-	4000	10000	10000	20000	20000	20000	21300	-	-	-	-	-	-	135300M^3
3	Foundation	150	250	200	-	-	150	150	90	-	-	-	-	-	-	-	-	-	-	1000M^3
	Concrete																			
4	M 10 grade	75	75	55	-	-	75	100	100	200	200	255	-	-	-	-	-	-	-	1135M^3
5	M 15 grade	50	100	75	-	-	52	75	85	200	150	150	155	-	-	-	-	-	-	1092M^3
6	M 20 grade	-	100	150	-	-	150	102	100	200	200	100	202	200	-	-	-	-	-	1504M^3
7	Random Rubble Masonry	-	40	50	-	-	-	35	37	50	50	50	43	50	-	-	-	-	-	405M^3
8	Gravel backing	-	-	-	-	-	-	75	75	75	100	75	100	106	-	-	-	-	-	606M^3
9	Rough stone	-	-	-	-	-	-	100	150	100	150	100	150	100	100	165	-	-	-	1115M^3
10	Plastering	-	-	-	-	-	-	75	75	75	50	50	40	59	-	-	-	-	-	424M^2
11	Pointing	-	-	-	-	-	-	150	150	186	150	200	200	100	200	200	200	-	-	1736M^2
12	Gravel spreading	-	-	-	-	-	-	1000	1000	1000	1000	1073	-	-	-	-	-	-	-	5073M^3

ONGUR SUB BASIN - PACKAGE NO. 3

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	20000	25000	15000	-	-	30000	35000	34480	-	-	-	-	-	-	-	-	-	-	159480M^3
2	Bund	5000	10000	5000	-	-	10000	15000	7280	25000	15000	20000	18420	-	-	-	-	-	-	130700M^3
3	Foundation	200	300	130	-	-	150	250	270	-	-	-	-	-	-	-	-	-	-	1300M^3
	Concrete																			
4	M 10 grade	75	150	100	-	-	75	150	69	300	300	329	-	-	-	-	-	-	-	1548M^3
5	M 15 grade	100	100	75	-	-	100	100	148	300	200	200	235	-	-	-	-	-	-	1558M^3
6	M 20 grade	-	100	75	-	-	75	100	100	150	150	100	130	153	-	-	-	-	-	1133M^3
7	Random Rubble Masonry	-	50	50	-	-	-	75	38	50	75	75	50	71	-	-	-	-	-	534M^3
8	Gravel backing	-	-	-	-	-	-	100	75	150	100	150	150	115	-	-	-	-	-	840M^3
9	Rough stone	-	-	-	-	-	-	150	150	150	150	150	150	200	200	130	-	-	-	1430M^3
10	Plastering	-	-	-	-	-	-	75	75	50	50	75	50	45	-	-	-	-	-	420M^2
11	Pointing	-	-	-	-	-	-	150	150	200	200	200	200	150	150	200	222	-	-	1822M^2
12	Gravel spreading	-	-	-	-	-	-	1000	1200	1200	1200	1279	-	-	-	-	-	-	-	5879M^3

ONGUR SUB BASIN - PACKAGE NO. 4

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	10000	15000	10000	-	-	15000	25000	25000	25000	29680	-	-	-	-	-	-	-	-	154680M^3
2	Bund	5000	10000	5000	-	-	5000	10000	15000	20000	20000	20000	17000	-	-	-	-	-	-	127000M^3
3	Foundation	150	200	150	-	-	150	350	350	50	-	-	-	-	-	-	-	-	-	1400M^3
	Concrete																			
4	M 10 grade	75	150	80	-	-	75	130	70	300	260	308	-	-	-	-	-	-	-	1448M^3
5	M 15 grade	75	100	75	-	-	80	100	150	220	200	200	235	-	-	-	-	-	-	1435M^3
6	M 20 grade	-	100	75	-	-	75	100	110	130	130	130	147	150	-	-	-	-	-	1147M^3
7	Random Rubble Masonry	-	40	50	-	-	-	60	38	50	50	65	50	71	-	-	-	-	-	474M^3
8	Gravel backing	-	-	-	-	-	-	75	100	100	100	130	125	115	-	-	-	-	-	745M^3
9	Rough stone	-	-	-	-	-	-	100	128	150	150	150	150	200	200	130	-	-	-	1358M^3
10	Plastering	-	-	-	-	-	-	75	75	75	75	75	50	60	-	-	-	-	-	485M^2
11	Pointing	-	-	-	-	-	-	150	200	200	200	200	200	250	228	200	222	-	-	2050M^2
12	Gravel spreading	-	-	-	-	-	-	800	1000	900	800	986	-	-	-	-	-	-	-	4486M^3

ONGUR SUB BASIN - PACKAGE NO. 5

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	15000	25000	20000	-	-	24600	35000	35000	-	-	-	-	-	-	-	-	-	-	154600M^3
2	Bund	5000	10000	5000	-	-	10000	15000	12600	25000	20000	20000	21400	-	-	-	-	-	-	144000M^3
3	Foundation	150	300	150	-	-	150	200	250	-	-	-	-	-	-	-	-	-	-	1200M^3
	Concrete																			
4	M 10 grade	75	100	80	-	-	75	150	70	250	250	325	-	-	-	-	-	-	-	1375M^3
5	M 15 grade	50	100	50	-	-	60	100	100	150	150	150	239	-	-	-	-	-	-	1149M^3
6	M 20 grade	-	75	75	-	-	75	100	100	100	100	100	150	178	-	-	-	-	-	1053M^3
7	Random Rubble Masonry	-	50	50	-	-	-	50	50	50	50	50	50	97	-	-	-	-	-	497M^3
8	Gravel backing	-	-	-	-	-	-	100	75	100	100	150	150	140	-	-	-	-	-	815M^3
9	Rough stone	-	-	-	-	-	-	150	150	150	150	150	150	200	200	157	-	-	-	1457M^3
10	Plastering	-	-	-	-	-	-	75	75	50	50	80	69	60	-	-	-	-	-	459M^2
11	Pointing	-	-	-	-	-	-	150	200	200	200	200	220	220	220	220	258	-	-	2088M^2
12	Gravel spreading	-	-	-	-	-	-	1200	1300	1300	1200	1482	-	-	-	-	-	-	-	6482M^3

ONGUR SUB BASIN - PACKAGE NO. 6

Construction Methodology

Sl. No.	Description of Item			Rainy season						Working Months										Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	20000	25000	20000	-	-	20000	35000	33240	-	-	-	-	-	-	-	-	-	-	153240M^3
2	Bund	5000	10000	5000	-	-	10000	15000	9900	25000	20000	20000	17400	-	-	-	-	-	-	137300M^3
3	Foundation	150	200	100	-	-	100	200	150	-	-	-	-	-	-	-	-	-	-	900M^3
	Concrete																			
4	M 10 grade	75	100	50	-	-	50	50	55	200	200	180	-	-	-	-	-	-	-	960M^3
5	M 15 grade	50	75	50	-	-	50	50	85	150	150	150	100	-	-	-	-	-	-	910M^3
6	M 20 grade	-	50	50	-	-	50	75	75	100	75	75	100	107	-	-	-	-	-	757M^3
7	Random Rubble Masonry	-	25	25	-	-	-	50	50	50	50	50	50	35	-	-	-	-	-	385M^3
8	Gravel backing	-	-	-	-	-	-	75	75	75	100	100	100	112	-	-	-	-	-	637M^3
9	Rough stone	-	-	-	-	-	-	100	100	100	100	150	150	100	100	195	-	-	-	1095M^3
10	Plastering	-	-	-	-	-	-	25	50	50	50	50	48	39	-	-	-	-	-	312M^2
11	Pointing	-	-	-	-	-	-	150	150	150	150	150	150	150	150	200	150	-	-	1550M^2
12	Gravel spreading	-	-	-	-	-	-	1000	1000	1000	1000	1284	-	-	-	-	-	-	-	5284M^3

ONGUR SUB BASIN - PACKAGE NO. 7

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	10000	15000	5000	-	-	10000	15000	20600	-	-	-	-	-	-	-	-	-	-	75600M^3
2	Bund	10000	15000	10000	-	-	10000	15000	16000	25000	30000	30000	29000	-	-	-	-	-	-	190000M^3
3	Foundation	150	200	100	-	-	150	200	200	-	-	-	-	-	-	-	-	-	-	1000M^3
	Concrete																			
4	M 10 grade	75	75	50	-	-	50	100	50	200	200	189	-	-	-	-	-	-	-	989M^3
5	M 15 grade	75	100	75	-	-	75	75	80	200	200	200	120	-	-	-	-	-	-	1200M^3
6	M 20 grade	-	75	50	-	-	75	75	100	100	100	100	100	163	-	-	-	-	-	938M^3
7	Random Rubble Masonry	-	50	50	-	-	-	75	38	50	75	75	50	77	-	-	-	-	-	540M^3
8	Gravel backing	-	-	-	-	-	-	100	75	150	100	150	150	105	-	-	-	-	-	830M^3
9	Rough stone	-	-	-	-	-	-	150	150	150	150	150	150	200	200	100	-	-	-	1400M^3
10	Plastering	-	-	-	-	-	-	75	75	50	75	75	75	65	-	-	-	-	-	490M^2
11	Pointing	-	-	-	-	-	-	200	200	200	200	200	250	200	250	250	270	-	-	2220M^2
12	Gravel spreading	-	-	-	-	-	-	1500	1500	1500	1500	1130	-	-	-	-	-	-	-	7130M^3

ONGUR SUB BASIN - PACKAGE NO. 8

Construction Methodology

Sl. No.	Description of Item			Rainy season						Working Months										Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	15000	20000	10000	-	-	15000	25000	28000	-	-	-	-	-	-	-	-	-	-	113000M^3
2	Bund	10000	15000	5000	-	-	10000	15000	15000	25000	25000	25000	30000	-	-	-	-	-	-	175000M^3
3	Foundation	350	450	100	-	-	150	300	250	-	-	-	-	-	-	-	-	-	-	1600M^3
	Concrete																			
4	M 10 grade	75	150	100	-	-	75	150	140	350	350	336	-	-	-	-	-	-	-	1726M^3
5	M 15 grade	100	150	75	-	-	100	150	175	300	300	300	232	-	-	-	-	-	-	1882M^3
6	M 20 grade	-	50	50	-	-	50	100	140	100	100	100	150	147	-	-	-	-	-	987M^3
7	Random Rubble Masonry	-	150	100	-	-	-	50	100	150	150	150	100	70	-	-	-	-	-	1020M^3
8	Gravel backing	-	-	-	-	-	-	200	200	250	250	200	250	220	-	-	-	-	-	1570M^3
9	Rough stone	-	-	-	-	-	-	250	250	300	350	250	300	300	300	270	-	-	-	2570M^3
10	Plastering	-	-	-	-	-	-	150	150	100	150	150	150	110	-	-	-	-	-	960M^2
11	Pointing	-	-	-	-	-	-	420	380	450	420	400	450	420	400	400	480	-	-	4220M^2
12	Gravel spreading	-	-	-	-	-	-	2000	1800	1800	2500	2010	-	-	-	-	-	-	-	10110M^3

ONGUR SUB BASIN - PACKAGE NO. 9

Construction Methodology

Sl. No.	Description of Item			Rainy season						Working Months										Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	10000	15300	10000	-	-	10000	25000	28300	-	-	-	-	-	-	-	-	-	-	98600M^3
2	Bund	5000	15000	5000	-	-	5000	15000	13000	20000	20000	20000	27000	-	-	-	-	-	-	145000M^3
3	Foundation	200	350	100	-	-	150	300	350	-	-	-	-	-	-	-	-	-	-	1450M^3
	Concrete																			
4	M 10 grade	75	150	100	-	-	75	150	100	300	300	367	-	-	-	-	-	-	-	1617M^3
5	M 15 grade	100	200	100	-	-	100	250	290	450	400	350	366	-	-	-	-	-	-	2606M^3
6	M 20 grade	-	50	50	-	-	50	75	75	100	100	100	100	66	-	-	-	-	-	766M^3
7	Random Rubble Masonry	-	75	50	-	-	-	50	65	75	100	75	50	53	-	-	-	-	-	593M^3
8	Gravel backing	-	-	-	-	-	-	100	150	150	125	100	170	126	-	-	-	-	-	921M^3
9	Rough stone	-	-	-	-	-	-	150	150	200	150	150	150	150	200	288	-	-	-	1588M^3
10	Plastering	-	-	-	-	-	-	75	75	100	75	75	75	55	-	-	-	-	-	530M^2
11	Pointing	-	-	-	-	-	-	200	250	200	300	200	200	200	300	300	298	-	-	2448M^2
12	Gravel spreading	-	-	-	-	-	-	1500	1200	1300	1500	1026	-	-	-	-	-	-	-	6526M^3

ONGUR SUB BASIN - PACKAGE NO. 10

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	10000	20000	10000	-	-	15000	22000	27480	-	-	-	-	-	-	-	-	-	-	$104480M^3$
2	Bund	15000	20000	10000	-	-	10000	25000	21500	25000	25000	35000	30000	37380	-	-	-	-	-	$253880M^3$
3	Foundation	250	300	100	-	-	150	350	350	-	-	-	-	-	-	-	-	-	-	$1500M^3$
	Concrete																			
4	M 10 grade	75	150	100	-	-	75	150	70	300	300	298	-	-	-	-	-	-	-	$1518M^3$
5	M 15 grade	75	100	75	-	-	75	125	75	200	200	200	220	-	-	-	-	-	-	$1345M^3$
6	M 20 grade	-	100	50	-	-	50	100	140	150	150	100	100	142	-	-	-	-	-	$1082M^3$
7	Random Rubble Masonry	-	50	50	-	-	-	50	75	75	75	50	50	70	-	-	-	-	-	$545M^3$
8	Gravel backing	-	-	-	-	-	-	100	100	100	100	150	150	181	-	-	-	-	-	$881M^3$
9	Rough stone	-	-	-	-	-	-	150	150	200	150	150	150	200	200	167	-	-	-	$1517M^3$
10	Plastering	-	-	-	-	-	-	75	75	75	75	50	50	70	-	-	-	-	-	$470M^2$
11	Pointing	-	-	-	-	-	-	150	200	250	200	250	200	300	250	250	180	-	-	$2230M^2$
12	Gravel spreading	-	-	-	-	-	-	2000	2100	1800	2500	2000	-	-	-	-	-	-	-	$10400M^3$

ONGUR SUB BASIN - PACKAGE NO. 11

Construction Methodology

Sl. No.	Description of Item	Rainy season					Working Months													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	10000	15000	5000	-	-	10000	20000	19000	-	-	-	-	-	-	-	-	-	-	79000M^3
2	Bund	5000	10000	5000	-	-	5000	15000	7500	15000	20000	20000	15500	-	-	-	-	-	-	118000M^3
3	Foundation	100	250	100	-	-	100	250	300	-	-	-	-	-	-	-	-	-	-	1100M^3
	Concrete																			
4	M 10 grade	75	100	100	-	-	75	150	130	300	300	331	-	-	-	-	-	-	-	1561M^3
5	M 15 grade	75	100	75	-	-	75	150	135	200	250	250	220	-	-	-	-	-	-	1530M^3
6	M 20 grade	-	75	75	-	-	50	100	140	150	150	100	150	120	-	-	-	-	-	1110M^3
7	Random Rubble Masonry	-	75	50	-	-	-	50	50	75	50	75	75	61	-	-	-	-	-	561M^3
8	Gravel backing	-	-	-	-	-	-	100	75	100	150	150	125	184	-	-	-	-	-	884M^3
9	Rough stone	-	-	-	-	-	-	150	200	125	200	150	125	200	150	212	-	-	-	1512M^3
10	Plastering	-	-	-	-	-	-	75	75	75	50	75	75	65	-	-	-	-	-	490M^2
11	Pointing	-	-	-	-	-	-	150	250	200	250	250	350	200	250	200	190	-	-	2290M^2
12	Gravel spreading	-	-	-	-	-	-	1200	1500	1200	1500	1270	-	-	-	-	-	-	-	6670M^3

ONGUR SUB BASIN - PACKAGE NO. 12

Construction Methodology

Sl. No.	Description of Item			Rainy season						Working Months										Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Earth work excavation																			
1	Channel	15000	20000	10000	-	-	15000	25000	29000	-	-	-	-	-	-	-	-	-	-	114000M^3
2	Bund	10000	15000	5000	-	-	10000	20000	15800	30000	25000	30000	28728	-	-	-	-	-	-	189528M^3
3	Foundation	200	250	100	-	-	150	350	480	-	-	-	-	-	-	-	-	-	-	1530M^3
	Concrete																			
4	M 10 grade	75	100	75	-	-	75	125	100	250	250	302	-	-	-	-	-	-	-	1352M^3
5	M 15 grade	75	100	75	-	-	75	100	85	200	150	200	235	-	-	-	-	-	-	1295M^3
6	M 20 grade	-	50	50	-	-	50	75	120	100	100	100	150	75	-	-	-	-	-	870M^3
7	Random Rubble Masonry	-	75	50	-	-	-	50	35	75	50	75	65	39	-	-	-	-	-	514M^3
8	Gravel backing	-	-	-	-	-	-	100	125	100	100	100	150	137	-	-	-	-	-	812M^3
9	Rough stone	-	-	-	-	-	-	100	150	150	200	150	200	150	150	150	-	-	-	1400M^3
10	Plastering	-	-	-	-	-	-	75	50	50	50	75	75	75	-	-	-	-	-	450M^2
11	Pointing	-	-	-	-	-	-	150	200	250	200	250	200	250	250	150	200	-	-	2100M^2
12	Gravel spreading	-	-	-	-	-	-	1000	1500	1200	1500	1910	-	-	-	-	-	-	-	7110M^3

1.7 ENVIRONMENTAL CELL

Report to accompany the estimate for the work of Environmental Component in Detailed Project Report for Ongur Sub Basin of Varahanadhi River Basin" under TN – IAMWARM PROJECT

Estimate Amount: Rs 16.50 Lakhs

Under TNWRCP, with World Bank assistance, special emphasis was given for the first time to assess the Environmental Status and degradation caused for all River basins in Tamil Nadu. Soil Assessment study has been conducted by **Environment Protection Training and Research Institute (EPTRI), Hyderabad**. This institute has identified the Environmental issues, mitigatory measures and given their recommendations on the following issues.

i) Environmental Issues :
- Soil Erosion, Sand Mining
- Water Pollution due to Industries
- Encroachment of river and tank beds
- Poor solid waste management

ii) Social Issues:
- Dry Land Agriculture
- Reduction in Livestock
- Women empowerment-SHG's
- No storing facilities.
- Health problems due to industrial water pollution

iii) Mitigatory Measures:
- Non-judicial and excessive sand mining have to be controlled and regulated.
- Livestock services delivery and management
- Common storage facilities may be established

iv) Agency:
- The above measures can be improved by the combined working of Environmental Cell wing and Animal Husbandry Department.

The Environmental Cell of WRO assessed the Environmental impact on the quality of Surface and Ground water and Soil by collecting water & soil samples and testing them, preparation of Micro level Environmental Status Reports for all the River basins with the World Bank assistance for these works up to March 2004.

Also few Awareness programs & workshops were conducted to create Awareness on the Environmental issues & remedies among the public, farmers, Govt. officials and NGOs. Seminars were conducted to find out new techniques and methods developed recently to solve the Environmental problems.

Now under IAMWARM Project, focus is at each Sub Basin level to identify and prioritize the requirements for improvements to storage structures, rehabilitation, new schemes for water harvest, and diversification of crops. Any new schemes or rehabilitation of existing one, consideration of the Environmental issues pertaining to that area and remedial action to overcome the problems is must. Accordingly, Environmental issues prevailing in the Ongur Sub basin is taken up under IAMWARM Project.

DESCRIPTION OF THE MAIN VARAHANADHI RIVER

The Varahanadhi basin is one of the 17 Major rivers and is located in the Villupuram, Thiruvannamalai, and Cuddalore district of Tamil Nadu and Pondicherry Union territory. The total area of the basin is 4498.50 Sq.K.m. The Varahanadhi basin is surrounded by Bay of Bengal in the east, Palar basin in the north and Pennaiyar basin in the South and West. The total length of Vrananadhi River is about 78.50 Km. The basin is situated between North Latitude 11° 50’00 ’’ and 12 °28’00’’ and East Longitude 79° 08’00’’ to 80° 10’00’’.

The three individual rivers such as Varahanadhi, Ongur and Nallavur had separate catchment areas and flow separately and confluences separately ie the Varahanadhi river confluence with Bay of Bengal, the Ongur river flows into Edayantittu Kaluveli and the Nallavur River joins the kaluveli swamp. For Water resources Assessment, water balance and water planning are done by integrating all the three rivers under Varahanadhi river basin.

This basin has been divided into three sub basins namely as follows

1. Varahanadhi
2. Ongur and
3. Nallavur

DESCRIPTION OF ONGUR SUB BASIN:

The Ongur sub basin is located in Villupuram, Thiruvannamalai, and Kancheepuram districts of Tamil Nadu. The total area of the sub basin is 624sq.km. The Ongur sub basin is surrounded by Bay of Bengal in the east, Palar basin in the north, Nallavur sub basin in the south and Varahanathi sub basin in the west. There are 8 blocks in this sub basin out of which 4 blocks are covered in full and the remaining blocks are partly covered.

Ongur river originates in Tindivanam taluk of Villupuram district. In the initial reach it has two arms. The right arm originates from the surplus course of Vairapuram tank, which is fed by number of upper tanks and empties into Saram Eri (tank). In addition to that, the drainage course to Saram Eri is also receiving water from number of tanks on either side. The surplus course of Saram Eri called Saram river or Saram Odai flows towards the northeastern direction.

Similarly the left arm called Nariyar Odai or Murungai Odai originates from surplus course of Olakkur Melpadi Eri which is fed by surplus water of number of tanks. It joins the Saram Odai about 3 Kms. west of Ongur village. From this point the river is called **Ongur River.**

After this, a local stream Nedungal Ar joins Ongur River on its left side. Nedungal stream originates from the surplus course of Kalathur and Kilathivakkam tank which receives surplus water from a number of tanks in Maduranthagam Taluk of Kancheepuram District. It joins Ongur river near Veliyambakkam village of Maduranthagam Taluk. The total length of this stream is about 6 kms. Then the river flows towards the southeast until it falls into the Yedayantittu Kaluveli tank and the surplus water joins the Bay of Bengal. The length of Ongur river from its origin till its confluence with the Sea is about 43 km.

The Ongur sub basin consists of 172 nos of non system tanks and 7 anicuts and the total command area of this sub basin is 14262.75 Ha. The Ongur sub basin is located between the latitude 12^0 $10^{'}$ $00^{''}$ N and 12^0 $30^{'}$ $00^{''}$ N and the longitude 79^0 $30^{'}$ $00^{''}$ E and 80^0 $05^{'}$ $00^{''}$ E. The command area of this sub basin comes under the

Tindivanam Taluk in Villupuram District, Vandavasi Taluk in Thiruvannamalai District, Madurantakam and Cheyyur Taluks in Kancheepuram District.

Ayacut Details

Villupuram District :

Tindivanam Taluk : 3775.88 Ha

Thiruvannamalai District :

Vandavasi Taluk : 1427.77 Ha

Kancheepuram District :

Madurantakam Taluk : 3742.27

Cheyyur Taluk : 5316.83

Total : 14262.75 Ha

SOIL EROSION

Soil erosion causes depletion of fertility through removal of valuable surface soil and lead to reduction in the effective arable soil depth and hence it is one of limiting factors for crop production.

SAND MINING

One of the major problem in river basin related to Sand Mining as it poses major threat to River Bed. Sand quarrying for construction and other purposes is growing at an alarming rate which causes failure of Anicuts and Diversion structures, stagnation of water in the deep mined river bed causing consequent health hazards.

This needs to be prevented by all means. Sand mining has now come under the control of WRD. Sand is being collected only at the approved site and the Regular Water Resources Division is closely monitoring and regulating the sand mining.

AQUATIC WEEDS

It is observed that the Aquatic weeds growth Ipomoea locally known as Kadal Palai and prosopis Juliflora are found to be in almost 80% of the tanks. The plant growth varies from 40% to 80% in various tanks. In general weeds growth restricts the water storage and loss in capacity of the tanks.

INDUTRIAL POLLUTION

The effluent from industries located in this sub basin are let into ditches and water drains which ultimately reach the River or supply channels of tanks or lands. Special attention is needed for treating the effluent to avoid water pollution in the sub basin.

SOLID WASTE DISPOSAL:

The problem of Garbage collection and its disposal has assumed importance, in the context of rapid growth of population, urbanization, industrial growth and development. There is no organized scientific method of disposal in all the Municipalities and Panchayats in this sub basin.

SEWAGE DISPOSAL LET INTO WATER BODIES:

In almost all the village no safe disposal of sewage or proper treatment method is adopted. This affect the near by water source directly or affecting the ground water potential indirectly.

So, creating awareness among the Presidents of the local bodies is essential and to motivate them to adapt Solid waste management and Sewage management, wherever required. Workshop including field visits, exclusively for them is to be conducted under the IAMWARM project.

ACTIVTIES PROPOSED:

River Basin Monitoring:-

To monitor the quality of water and soil and create database regarding the environmental status for the sub basin, the following activities are proposed at the sub basin level.

Collection and testing of water and soil samples:

Water samples will be collected and tested in the sub basin at identified sampling points regularly. Continuance of collection and testing of water samples is essential, as good and long range data will enable to understand the problems more precisely.

Hence, now it is proposed to collect and test water samples for a period of **Three years** to assess the environmental impact on the quality of surface water of

this sub basin more accurately. Water samples at the following location (vide statement enclosed) will be collected once in 3 months.

In addition to the above identified locations, water samples will also be collected from tanks to estimate the level of pollution in selected locations, where untreated sewage is directly let into tanks and Channels. These samples will be tested, to assess the impact on the quality of surface and ground water.

Soil samples are to be collected from selected locations to assess the impact on the quality of soil due to various Environmental problems like use of chemical fertilizer and using the polluted water. From these locations numbers of samples at regular interval have to be collected and tested to determine precisely the impact on the degradation of the quality of the soil. Therefore testing soil samples are essential. Under this item following provisions have been made.

1 Testing charges for the water& soil samples.

2 Provision of Labour charges, purchase of materials, conveyance, driver salary and computer operator.

Transfer of technical know-how for solid waste management system including source segregation, recycle of dry waste and linkage with user agencies.

Now a new scheme for solid waste management plan is under implementation in all municipalities and Panchayats. Under this scheme, collection tank for disposal and non-disposable garbage have been constructed in most of the local bodies. But recycling the waste and converting the solid waste into manure and production of energy from them are yet to be come up.

Hence demonstration and action programs are planned with user agencies and necessary field visits are programmed to transfer of technical know how for solid waste management system.

Awareness Programs

Awareness Programs are necessary to create awareness among the public about environmental aspects and the action to be taken by them to remove or reduce the impacts due to the environmental problems.

Hence, to create and motivate the people, Awareness programmes are to be conducted in the villages where sewage is directly let into water bodies. It is also

proposed to conduct awareness meetings in School/ Institutions during the project period of three years covering the following subjects in addition to placing Stickers, tin sheets and Pamphlets containing messages about Environmental Awareness.

- Sanitation. Solid waste treatment.
- Sewage treatment and converting the same into Gas.
- Natural farming.
- Conversion of aquatic weeds into manure etc.

Mode of Execution:

All the works proposed are to be carried out by outsourcing through an Educational Institution.

Total Cost.

The total Proposal cost works out to **Rs.16.50 Lakhs (Rupees Sixteen Lakhs and Fifty thousand Only).**

(ENVIRONMENTAL COMPONENT)

Name of River Basin	**Varahanadhi River Basin**			
Name of Sub Basin	**Ongur Sub Basin**			
Number of WUA				
Name of Division	1. Lowe Palar Basin Division, Kancheepuram			
	2 . Middle Pennaiyar diision Tiruannamalai			
	3 . Lower Pennaiyar Basin diision Villuppuram			
Name of Sub-Division	1. Kiliyar Basin Sub Division , Maduranthagam			
District	**1 .Villupuram**	**2 . Tiruannamalai**	**3 . Kancheepuram**	
Taluk	1) Tindivanam		1. Maduranthagam	
		1 . Vandavasi	2 . Cheyyur	
Block	1.Olakkur	1 . Vandavasi	1 . Acharappakkam	
	2.Marakkkanam	2 . Thellar	2 . Chithamur	
			3 . Lathur	
Name of Tanks/Anaicuts Severly affected by weeds	List enclosed			
Domestic Sewage (Name of River/ Tank with specific location polluted by Domestic sewage)	Domestic Sewage is directly let in to tanks			
Municipal Solid Waste (Name of River/ Tank with specific location where Municipal solid waste is dumped)	Solid waste generated is dumped in the open area			
Water Quality Status:				
i) Ground Water	Moderate to good.			
ii)Surface Water	Water can be utilized for irrugation purpose,however it need treatment before using drinking purpose.			

ENVIRONMENTAL ACTIVITIES IN ONGUR SUB BASIN OF
VARAHANADHI RIVER BASIN UNDER IAMWARM PROJECT

DETAILED ESTIMATE

Sl No	Description of work	No	Measurement			Contents	
			L	B	D		
I.	**Environmental Social Monitoring of river basin including peroidical water and soil quality testing and documentation. (By fixing nodel agency or any educational instituition)**						
1	Collection and testing of water samples and Soil samples						
a)	Water samples collected from river & tanks for a period of **Three years**					24 Nos	
b)	Soil samples collected from irrigation fields for a period of **Three years**					9 Nos	
c)	Hiring jeep driver on service contract basis for the department vehicle	1 No	3 x 2= 3 months			6 months	
d)	Collection and conveyance charges including all purchases like cans, chemicals, Documentation of test results including labour charges.	LS				LS	
II	**Environmental Social knowledge base analysis and development (By fixing nodel agency or any educational instituition)**						
	Preparation of Impact Assessment report with expert analysis for 3 yrs @ every 6 months and documentation for						
a)	Impacts due to project investment.	LS				LS	
b)	Other impacts observed in the river basin.	LS				LS	

III.	**Transfer of technical know how for solid waste management system including source segregation, recycle of dry waste and linkage with user agencies. (By fixing nodel agency or any educational instituition)**						
a)	Motivating the local bodies for Soild waste management project and Sewage treatment plants to prevent pollution of water sources and using for irrigation by transfering technical know how through demonstration Documentary film and Technical visit	LS				LS	
b)	Formation of Herbal Garden	2 Nos				2 Nos	
c)	Promoting Entrepreneurship Policy for Eradication for weeds by setting up Bio gas Plant / Vermi compost By WUA through Awareness creation, Demonstration and consultative meeting and pilot study.	LS				LS	
IV.	**Conducting Environmental and social Awareness meeting, programme, demonstration and Exhibitions on various environmental and social related issues including capacity building.(By fixing nodel agency or any educational instituition)**						
a)	Engaging Computer Operator grade-II for the preparation of reports,Documents etc..	1 X 4				4 Months	
b)	Printing Stickers, Pamphlets, Tin sheets, Providing Banners for Propagating Environmental Awareness among public	LS				LS	
c)	Conducting Awareness Programs for Public	1X3				3	Nos
d)	Conducting meetings in school/Institutions	1 x 2				2	Nos
e)	Environmental Fair / Exihibition, benchmarking, recognition of good Eco friendly practices and Green Awards	LS				LS	

f)	Preparing and publishing Environmental Atlas for the Sub Basin for the use of Line departments / Institutions for better Management of Sub basin	LS				LS
g)	Exposure to field visit and Eco-friendly practices and environmental monitoring.					
h)	Environmental related books / jounal, publishing annual reports for the sub basin maps for all size	LS				LS
i)	Documentation of the entire activities, Videofilms,hire purchase of LCD,Preparation of sub-basin maps of all size & Upgradation of computer and accessories.	LS				LS
V	Unforeseen items	LS				LS

Name of Work : ENVIRONMENTAL ACTIVITIES IN ONGUR SUB BASIN OF VARAHANADHI RIVER BASIN UNDER IAMWARM PROJECT

ABSTRACT ESTIMATE

Sl.No.	Qty		Description of Work	Rate	Per	Amount (Rs)
I	**Environmental Social Monitoring of river basin including peroidical water and soil quality testing and documentation.(By fixing nodal agency or any educational institution)**					
a)	24	Nos	Testing charges for Water samples.	6441	Each	154584
b)	9	Nos	Testing charges for Soil samples from polluted site.	10964	Each	98676
C)	6	Months	Hiring Jeep driver on service contract basis for the Dept Vehicle @ Rs 151.80/day	151.80	/day	23681
d)	LS		Collection and conveyance charges including all purchases like cans, bottles,chemicals,Documentation of test results including labour charges.	LS		5000
II	**Environmental social knowledge base analysis and development**					
			Preparation of Impact Assessment report with expert analysis for 3 yrs @ every 6 months and documentation for			
a)	LS		Impacts due to project investment.	LS		300000
b)	LS		Other impacts observed in the river basin.	LS		75000
III	**Transfer of technical know how for soild waste management system including source segregation, recycle of dry waste and linkage with user agencies**					
a)	LS		Motivation the local bodies for Solid waste management project and Sewage treatment plants to prevent pollution of water sources and using for irrigation by transfering technical know how through demonstration, Documentary film and Technical visit	LS		75000
b)	2 Nos		Formation of Herbal Garden	30000	No	60000

C)	LS	Promoting Entrepreneurship Policy for Eradication for weeds by setting up Bio gas Plant / Vermi compost By WUA through Awareness creation, Demonstration and consultative meeting and pilot study.	LS		75000
IV	**Conducting Environmental and social Awarness meeting, programme, demonstration and Exhibitions on various environmental and social related issues including capacity building**				
a)	4 Months	Engaging Computer Operator grade-II for the preparation of reports,Documents etc..	204	/day	21216
b)	LS	Printing stickers Pamplates, sheets,Providing Banners for propagading Environmental Awareness among Public.	LS		30000
c)	3 Nos	Conducting Awarness Programs for Public	100000	1 No	300000
d)	2 Nos	Conducting Meetings in School / Institution	20000	1 No	40000
e)	LS	Environmental fair / exhibition, benchmarking, recognation of good eco friendly practices, green awards	LS		50000
f)	LS	Preparing and publishing Environmental Atlas for the Sub Basin for the use of Line departments / institutions for better Management of Sub basin	LS		150000
g)	LS	Exposure to field visit and Eco-friendly practices and environmental monitoring.	LS		100000
h)	LS	Environmental related books / journal, publishing Annual report for the Sub Basin Maps of All Size.	LS		30000
i)	LS	Documentation of the entire activities, Videofilms,hire purchase of LCD,Preparation of sub-basin maps of all size & Upgradation of computer and accessories.	LS		50000
V.	LS	Unforeseen items	LS		11843
		Total			**1650000**

(Rupees sixteen Lakhs and fifty thousand only)

ANNEXURE

BASE LINE ENVIRONMENTAL AND
SOCIAL PARAMETERS INFORMATION

1. Demography
2. Location
3. Hydrology
4. Hydrogeology
5. Geology
6. Ground water potential
7. Stage of ground water exploitation
8. Surface water potential
9. Surface water quality
10. Ground water quality
11. Climate and Rainfall
12. Industries
13. Fertilizer and Pesticides
14. Sewage and Solid waste
15. Forest coverage
16. Agriculture
17. Marketing facilities
18. Water weeds
19. Sedimentation
20. Sand mining
21. Sea water intrusion / Erosion
22. Encroachments
23. Fisheries
24. Seismic zones
25. Live stock
26. Seasonal migration
27. Estuary and creek
28. Diseases.

Environmental Activities in Ongur Sub-Basin of Varahanadhi River Basin under **IAMWARM PROJECT**

Working Sheet

Water Samples

1	Testing Charges rate as per ground water division (Dept) (Partly)		650.00	/Sample
2	Testing Charges rate as per SGS Laboratory (private) (Total Coliform,Faecal Coliform, Pesticides Residual) (Partly)		5250.00	/Sample
3	Service Charges @ 10.30 %		540.75	
		TOTAL	6440.75	(or)
			6441	

Soil Samples

1	Testing Charges rate as per SM & R Division (Dept) (Partly)		6000	/Sample
2	Testing Charges rate as per SGS Laboratory (private) (Pesticides Residual) (Partly)		4500	/Sample
	Service Charges @ 10.3 %		463.50	
		TOTAL	10963.5	(or)
			10964	

1.8 GROUND WATER

PUBLIC WORKS DEPARTMENT

From

Er. S. Nantahkumar, B.E.,
Executive Engineer, WRO., PWD.,
Ground Water Division,
Tharamani, Chennai-113.

To

The Executive Engineer,
Lower Palar Basin Division,
Kancheepuram.

Lr.No: JDO-IAMWARM /09-dated:22.04.09

Sir,

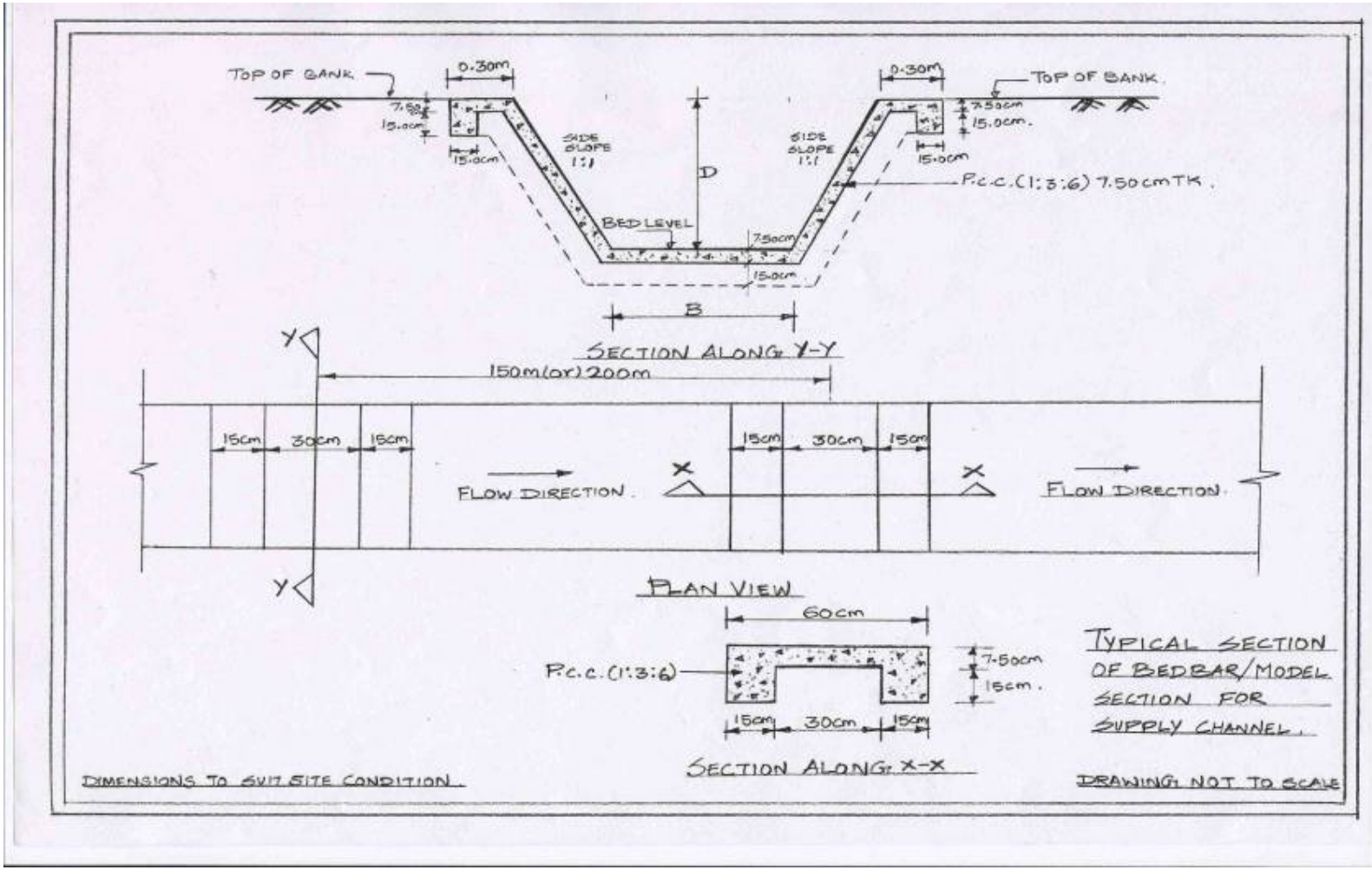
Sub: PWD – IAMWARM Project – First District Level Co-ordination Committee Meeting for the effective preparation of Ongur Sub Basin improvement plan (3rd Phase) – Reg.

Ref: EE. Lower Palar Basin Division, Kancheepuram, Lr.No. JDO-IAMWARM /2008 dated: 11.03.09.

With reference to above letter cited, I have to state that, Ground Water Component for Lower Palar Ongur Sub Basin may please be taken as NIL.

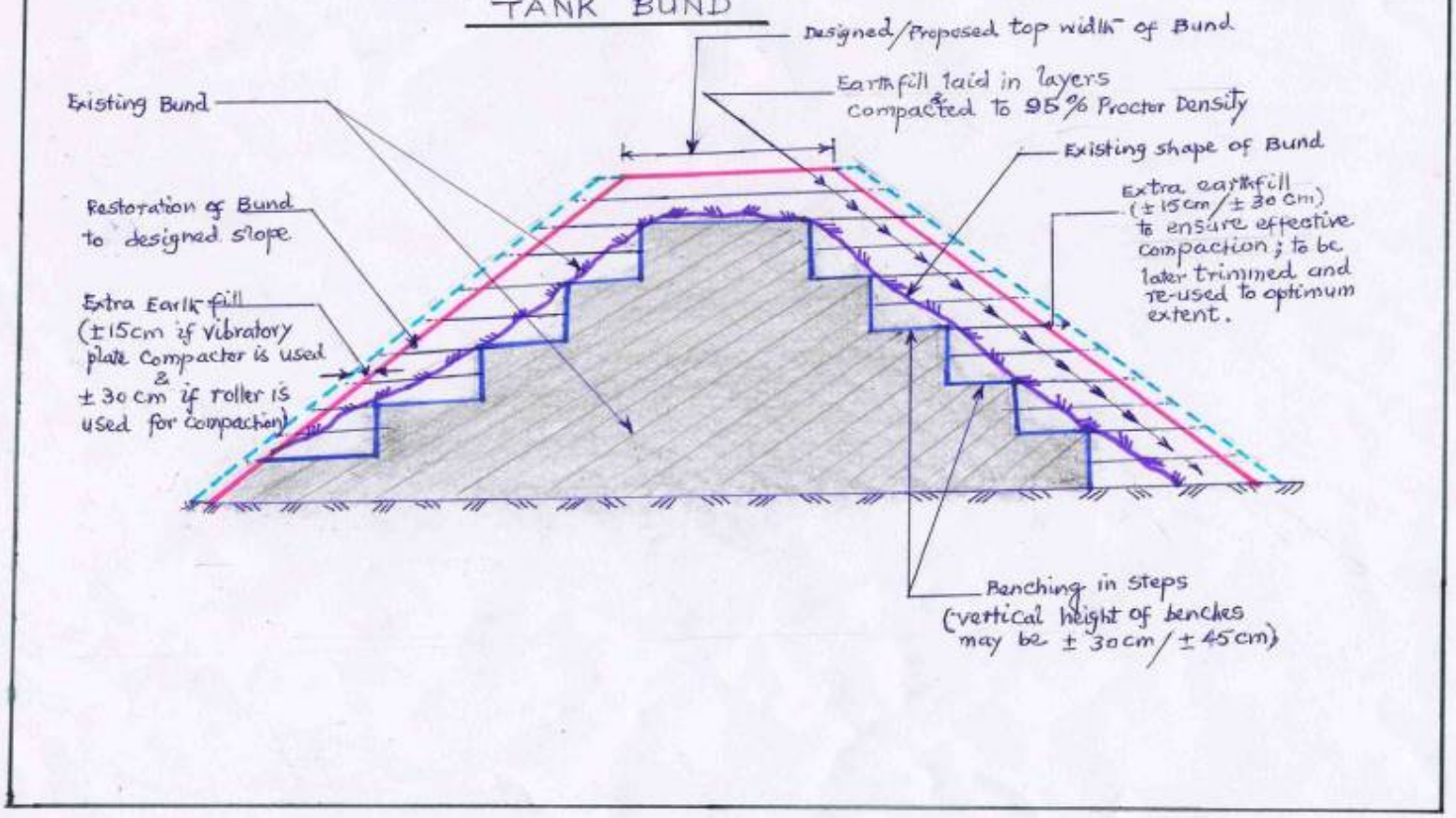
Executive Engineer, PWD., WRO.,
Ground Water Division,
Tharamani, Chennai-113.

DESING AND DRAWING

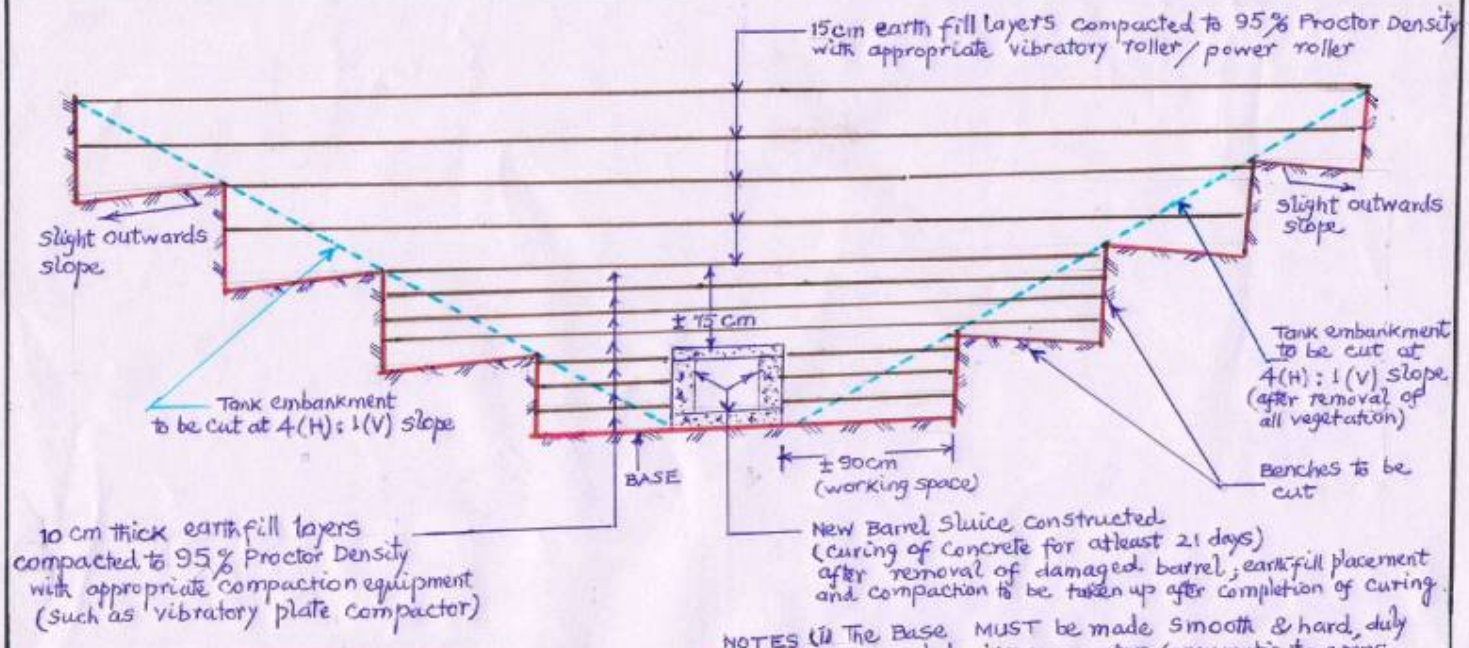

TOP OF BANK
0.30m
7.50cm
15.0cm
SIDE SLOPE 1:1
D
BED LEVEL
B
P.C.C.(1:3:6) 7.50cm TK.
SECTION ALONG Y-Y
150m(or) 200m
15cm
30cm
FLOW DIRECTION
PLAN VIEW
60cm
P.C.C.(1:3:6)
SECTION ALONG X-X
TYPICAL SECTION OF BEDBAR/MODEL SECTION FOR SUPPLY CHANNEL.
DIMENSIONS TO SUIT SITE CONDITION.
DRAWING NOT TO SCALE

TYPICAL SKETCH

RAISING & STRENGTHENING OF TANK BUND



TYPICAL SKETCH



RECONSTRUCTION OF SLUICES

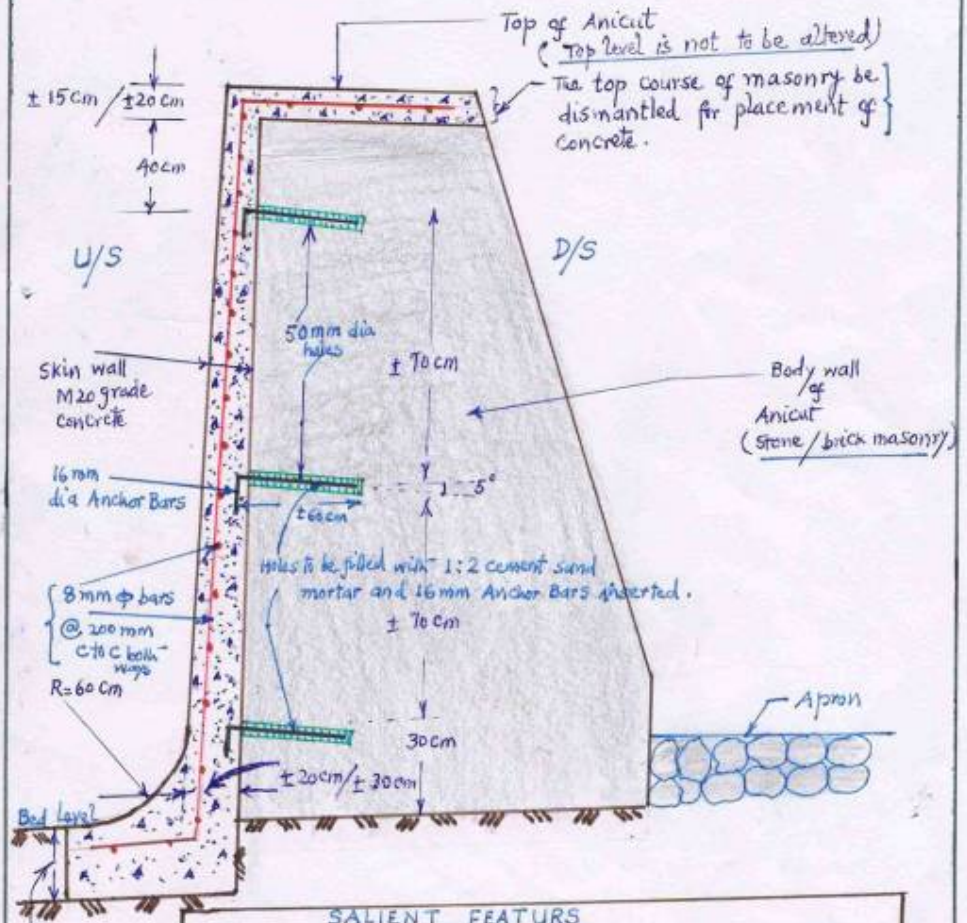
NOTES (i) The Base MUST be made smooth & hard, duly compacted with compactors/pneumatic tampers.

(ii) Earth fill compaction adjoining the Barrel and Benches should be compacted by mechanical/pneumatic tampers to ensure effective compaction.

(iii) Earth obtained from "benching" be reused (after removal of clods (bigger than 7.5cm), vegetation etc) in earth fill layers.

TYPICAL SKETCH

Rehabilitation of Anicut through SKIN WALL Concrete



SALIENT FEATURES

- Joints on u/s surface to be raked to 25 mm depth & Surface roughened by chipping.
- Drill holes of 50 mm to be filled with 1:2 mortar and 16 mm Anchor Bars to be pushed in.
- The roughened surface to be kept wet for 72 hours and cement slurry (1:2·5) of 0·70 water-cement ratio be applied over the surface prior to placement of Skin Concrete.
- Concrete of M20 Grade is to be used with 20 mm maximum aggregate size.
- Curing is to be done for 21 days.
- Thickness of Skin Concrete : 15 cm at top & 20 cm at bottom for Anicuts of height upto ± 1·50 m and 20 cm at top & 30 cm at bottom for Anicuts of height more than ± 1·50 m.