



WATER RESOURCES DEPARTMENT

TN IAMWARM PROJECT – LEFT OUT  
COMPONENTS UNDER ONGUR SUB BASIN  
PHASE-III

ADDITIONAL PROPOSAL UTILISING  
THE SAVINGS

DETAILED PROJECT REPORT  
(DPR)

PROJECT COST : Rs.920.72 Lakh.

DIVISION : LOWER PALAR BASIN DIVISION, KANCHEEPURAM  
CIRCLE : PALAR BASIN CIRCLE, CHENNAI-5.  
REGION : CHENNAI REGION, CHENNAI-5.

# **REPORT TO ACCOMPANY THE DETAILED PROJECT REPORT FOR THE WORK OF REHABILITATION OF THE LEFT OUT COMPONENTS IN THE IAMWARM TANKS UNDER ONGUR SUB BASIN IN PHASE III.**

## **GENERAL**

The Government has accorded the Administrative sanction for Rs.283.7418 Crore in respect of 99 Packages for 26 Sub basins of Phase III, Vide in G.O. Ms.No. 81/ Public works (WR1) Department dated : 09.03.2010 for implementing TN IAMWARM Project. The Ongur sub basin is one among the above 26 sub basins for which an amount of 30.3355 crore has been provided for rehabilitation works for 12 packages. Comprising of 1 to 8 Packages in Kancheepuram District, 9 to 11 (3 Packages) in Villupuram District and Package No.12 in Thiruvannamalai District. The Ongur Sub basin is located in three Districts and 8 Blocks. Accordingly the following works were carried out in this sub basin as per sanctioned estimate and drawings.

## **REHABILITATION WORKS ALREADY TAKEN UP:-**

This sub basin consists of 172 tanks in the previously approved detailed project report. In these 172 tanks, rehabilitation work for 238 Nos. of sluices in 151 tanks, 347.45Km. of supply channels in 156 tanks, 177.227Km. of Tank bund in 130 tanks, and 173 Nos. of Weirs in tanks have been carried out and works are almost completed. The important components of works in the tanks taken up under are Ongur sub basin one.

- Strengthening the tank bund by using Machineries.
- Reconstruction of Collapsed Sluices.
- Retaining walls and Model Section in selective area of the tanks
- Providing S.G. Shutter / Plug arrangements to Sluices, Head sluices, Scour vents etc.
- Reconstruction or Repairs works in Weirs.
- Fixing Boundary Stones in the tank bund and water spread area etc.,

**LEFT OUT COMPONENTS :-**

Out of the 172 tanks already approved, certain components have been left out in 34 tanks since the package works are carried out according to the DPR and as per the estimate. Mainly, the works of strengthening the Tank bund has been left out as WRCP I was implemented in the year 2000. But during the inspection of WRD, and MDPU higher officials in the Sub Basin areas the need for attending the major important defects in the bund was emphasis is 2000. Also WUA representatives and Farmers have requested to carry out the work of strengthening the tank bund. These left over works should be prioritized since the WRCP works were carried out more than 10 years back and in some of the tanks jungle and vegetation and have grown in major portions of the bund to the extent that even the farmers are not able to access the Irrigation Infrastructures for maintaining.

Hence this DPR is prepared to carry out the left out components by using the overall savings and based on the agreed action in the Wrap up meeting chaired by the Finance Secretary on 17.09.2012, the minutes of which have communicated vide the Engineer in Chief WRD Letter No. Tech cell / 57252 / WB Mission / 2009 / Dated : 05.10.2012 and also vide the World Bank Implementation support mission draft aide memoir. The main left out components to be carried out are as follows.

**PROJECT PROPOSALS :-**

1. Raising and strengthening the Tank Bund.
2. Reconstruction of Sluices.
3. Reconstruction of Weirs or Repairs to Weirs.
4. Installation of Flow measuring devices.
5. Selective Lining in Irrigation Channel.
6. Reconstruction of Culverts where ever needed as per statement II – B communicated by the Engineer in Chief, W.R.D., Chepauk, Chennai – 5.



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REGION : CHENNAI REGION, CHENNAI-5.

<b>SL. No.</b>	<b>PACKAGE NOS.</b>	<b>NAME OF THE PACKAGE</b>	<b>PACKAGE AMOUNT IN LAKHS</b>
1.	01/IAMWARM/ WRD/ONG/LC/ 2012-13	Rehabilitation and Modernisation of left out components in the tanks under Ongur Sub basin in Acharapakkam and Chithamur Blocks in Madurantakam and Cheyyur taluks of Kancheepuram District.	310.35
2.	02/IAMWARM/ WRD/ONG/LC/ 2012-13	Rehabilitation and Modernisation of left out components in the tanks under Ongur Sub basin in Chithamur and Acharapakkam Blocks in Cheyyur and Madurantakam taluks of Kancheepuram District.	354.54
3.	03/IAMWARM/ WRD/ONG/LC/ 2012-13	Rehabilitation and Modernisation of left out components in the tanks and Supply channels under Ongur Sub basin in Olakkur and Marakkanam Blocks in Thindivanam Taluk of Villupuram District.	255.83
		<b>TOTAL</b>	<b>920.72</b>

The following tanks have been taken up as left out components of strengthening the tank bund and selective lining in the irrigation channel of respective tank sluices provided.

Junior Engineer, W.R.D.,  
Irrigation Section,  
Acharapakkam.

Assistant Executive Engineer, W.R.D.,  
Kiliyar Basin Sub Division,  
Madurantakam.

Executive Engineer, W.R.D.,  
Lower Palar Basin Division,  
Kancheepuram.

Superintending Engineer, W.R.D.,  
Palar Basin Circle,  
Chennai – 5.

Chief Engineer, W.R.D.,  
Chennai Region,  
Chennai – 5.

**REHABILITATION OF LEFT OUT COMPONENTS IN TANKS UNDER ONGUR SUB BASIN  
OF IAMWARM PROJECT**

**GENERAL ABSTRACT**

<b>Sl.No.</b>	<b>Name of Tank</b>	<b>Total</b>
1	Acharapakkam Tank	27.27
2	Nemam	15.40
3	Pallipettai	16.27
4	Thimmapuram Tank	20.43
5	Kottaikayapakkam	15.10
6	Siruperpondy	16.84
7	Minnal Chithamur Tank	17.41
8	Nedungal Tank	20.10
9	Karasangal Tank	15.41
10	Athur Tank	16.71
11	Kilathivakkam Tank	16.45
12	Kongarai Mambattu	17.26
13	Orathi Periya eri	21.54
14	Thinnalur Tank	15.66
15	Nerkunam Tank	15.03
16	Parukkal Tank	16.55
17	Cheyur Periya Eri	18.47
18	Kadamalaiputhur Tank	11.65
19	Thandalam Tank	16.62
20	Mugundhagiri Tank	19.26
21	Perukkarantai Tank	14.11
22	Periyakayapakkam	17.58
23	Perambakkam Tank	15.68
24	Periyakalakadi Tank	14.83
25	Illeadu big Tank	17.67
26	Vedal Thangal	217.49
	<b>C/O</b>	<b>646.79</b>

<b>Sl.No.</b>	<b>Name of Tank</b>	<b>Total</b>
	<b>B/F</b>	<b>646.79</b>
27	Aspoor Big Tank	37.54
28	Aspoor Small Tank	29.43
29	Ongur Big Tank	40.04
30	Ongur Small Tank	49.13
31	Vairapuram Tank	31.07
32	Pallipakkam Tank	35.44
33	Kilsevoor Tank	9.80
34	Sathanur Tank	16.41
	<b>Total Tank</b>	<b>895.65</b>
	Petty supervision, contingencies, advertisement and photographic charges etc., @ 2.5 %	<b>22.39</b>
	Labour welfare fund @ 0.3 %	<b>2.68</b>
	<b>Grand Total</b>	<b>920.72</b>

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Chennai – 5.

Chief Engineer, W.R.D.,  
Chennai Region,  
Chennai – 5.

**List of left out components 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	Nemam Tank	Athivakkam	Acharappakam	Madurantakam	Kancheepuram	55.89.5	11.97
3	Pallipettai Tank	Pallipettai	Acharappakam	Madurantakam	Kancheepuram	86.91.0	14.00
4	Thimmapuram Tank	Thimmapuram	Acharappakam	Madurantakam	Kancheepuram	195.98.0	45.84
5	Kottaikayapakkam	Kottaikayapakkam	Acharappakam	Madurantakam	Kancheepuram	60.10.5	10.52
6	Siruperpondy Tank	Siruperpondy	Acharappakam	Madurantakam	Kancheepuram	62.35.0	25.98
7	Minal Chithamur Tank	Minal Chithamur	Acharappakam	Madurantakam	Kancheepuram	97.44.5	19.93
8	Kadamalaputher Tank	Kadamalaputher	Acharappakam	Madurantakam	Kancheepuram	70.52.0	9.70
9	Nedungal Tank	Nedungal	Acharappakam	Madurantakam	Kancheepuram	87.11.0	19.35
10	Karasangal Tank	Karasangal	Acharappakam	Madurantakam	Kancheepuram	84.11.0	19.34
11	Athur Tank	Athur	Acharappakam	Madurantakam	Kancheepuram	139.58.5	23.76
12	Kilathivakkam Tank	Kilathivakkam	Acharappakam	Madurantakam	Kancheepuram	95.28.5	7.08
13	Kongarai Mambattu Tank	Kongarai Mambattu	Acharappakam	Madurantakam	Kancheepuram	169.41.0	30.14
14	Orathi Peria Eri	Orathi	Acharappakam	Madurantakam	Kancheepuram	226.09.0	43.14
15	Thinnalur Tank	Thinnalur	Acharappakam	Madurantakam	Kancheepuram	147.06.0	11.58
16	Perambakkam Tank	Perambakkam	Chithamur	Cheyyur	Kancheepuram	58.85.5	8.70
17	Thandalam Tank	Thandalam	Chithamur	Cheyyur	Kancheepuram	52.33.0	13.75
18	Parukkal	Parukkal	Chithamur	Cheyyur	Kancheepuram	45.03.0	9.03
19	Mugundhagiri Tank	Mugundhagiri	Chithamur	Cheyyur	Kancheepuram	91.75.5	17.92
20	Perukkaranaik Tank	Perukkaranaik	Chithamur	Cheyyur	Kancheepuram	94.46.0	11.08
21	Periyakayapakkam Tank	Pariakayapakkam	Chithamur	Cheyyur	Kancheepuram	93.04.5	0.39
22	Nerkunam Tank	Nerkunam	Chithamur	Cheyyur	Kancheepuram	97.98.0	18.76
23	Periakalakkadi Tank	Periakalakkadi	Chithamur	Cheyyur	Kancheepuram	109.57.5	0.24



<b>Sl. No</b>	<b>Tank</b>	<b>Village</b>	<b>Block</b>	<b>Taluk</b>	<b>District</b>	<b>Direct Ayacut in Ha</b>	<b>Capacity m.cum</b>
24	Illeadu Big Tank	Illeadu	Chithamur	Cheyyur	Kancheepuram	111.60.0	4.68
25	Vedal Thangal	Vedal	Chithamur	Cheyyur	Kancheepuram	321.10.0	0.25
26	Cheyyur Periya Eri	Cheyyur	Lathur	Cheyyur	Kancheepuram	149.74.5	0.63
27	Asappur peria Eri	Asappur	Marakkanam	Tindivanam	Villupuram	130.64.5	5.02
28	Asappur Chitheri						
29	Ongur big Tank	Ongur	Olakkur	Tindivanam	Villupuram	145.47.5	28.15
30	Ongur Small Tank	Ongur	Olakkur	Tindivanam	Villupuram	95.01.0	22.65
31	Kilsevoor tank	Kilsevoor	Marakkanam	Tindivanam	Villupuram	80.89.0	12.53
32	Vairapuram Tank	Vairapuram	Olakkur	Tindivanam	Villupuram	152.73.0	21.15
33	Pallipakkam Tank	Pallipakkam	Olakkur	Tindivanam	Villupuram	28.63.5	10.02
34	Sathanur Tank	Sathanur	Olakkur	Tindivanam	Villupuram	53.72.5	12.57

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Lower Palar Division,  
Kancheepuram.

**DETAILS OF PROPOSALS IN EACH INFRASTRUCTURE OF ONGUR SUB BASIN**

Name of sub basin : Ongur sub Basin

Sl. No.	Name of tank/ Anicut/ Reservoir	Tank Bund Improvements		Sluice Repairs / Reconstruction		Weir Repairs / Reconstruction		Desilting Supply Channel		Anicuts		Lining Irrigation Channel	
		Length (km)	No. of tanks	Nos.	No. of tanks	Nos.	No. of tanks	Length (km)	No. of tanks	Nos	No. of Anicuts	Nos	No. of tanks
1	Details Available infrastructure in approved DPR	261.86	172	356	172	205	172	357.15	160	6	6	-	-
	Details works already carried out	177.23	129	238	151	173	143	347.45	156	6	6	-	-
	Balance	84.63	43	118	21	32	29	9.70	4	-	-	-	-
	Details works to be carried out in Additional DPR utilising the savings	58.41	33	12	7	10 + 1	10 + 1	8.90	4	-	-	69	32
	Infrastructures in good condition (ie) Rehabilitation works not need in this basin	26.22	10	106	14	22	19	0.80	0	-	-	69	32

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**Statement - I**

**Rehabilitation of left out works in ONGUR Sub Basin**

**Abstract showing the details of Rehabilitation Works proposed.**

SI. No	Description	Tank Nos.	Anicut Nos.	Supply Channel in KM. Nos.
1	Available Infrastructure in the sub basin	172	6	347.45 KM
2	Rehabilitation works taken up under IAMWARM Project	163	6	347.45 KM
	(a) Infrastructure in which all the components are in good condition and does not require rehabilitation now	138	NIL	337.45 KM
	(b) Infrastructures taken up under IAMWARM but certain components not taken up then, but require rehabilitation now.	34	-	9.70 KM.
3	Tanks not taken up for rehabilitation since 2005 under any other schemes.	9	-	-
	(a) Infrastructure in which all the components are in good condition and does not require rehabilitation now	9	-	-
	(b) Infrastructures in which certain components not taken up since 2005 but require rehabilitation now.	-	-	-
4	Total No. of infrastructures requiring rehabilitation now.	34	NIL	9.70 KM.

1 Certified that the works are proposed in the selected IAMWARM Sub basin area

2 Certified that the Panchayat Union tanks are not considered in this Project.

3 Certified that for item 2b, the components of the infrastructure now proposed were not taken up under IAMWARM Project.

For Item No.3 - Certified that the works are not executed under various scheme (Viz., NABARD, Part II Schemes, etc.,) and 4 IAMWARM since 2005

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Lower Palar Division,  
Kancheepuram.



Sl. No.	Name of tank/ Anicut/ Reservoir	Tank Bund Improvements		Repairs to Sluice		Reconstruction of Sluices		Repairs to Weir		Reconstruction to Weirs		Desilting Supply Channel		Flow Measuring Device		Total Amount (in Lakhs)
		Length (km)	Amt	No	Amt	No	Amt	No	Amt	No	Amt	No	Amt	Nos	Amt	
	<b>Package No.02 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>															
18	Kadamalaiputhur Tank	1.45	11.65													11.65
19	Thandalam Tank	1.50	12.81													12.81
20	Mugundhagiri Tank	1.30	11.63													11.63
21	Perukkarantai Tank	1.13	10.30													10.30
22	Periyakayapakkam	1.35	11.86													11.86
23	Perambakkam Tank	1.38	11.87													11.87
24	Periyakalakadi Tank	1.50	12.92													12.92
25	Illeadu big Tank	1.30	11.95													11.95
26	Vedal Thangal	1.26	17.98					1	12.53	1	185.07					215.58
	<b>Sub Total</b>	<b>12.17</b>	<b>112.97</b>					<b>1</b>	<b>12.53</b>	<b>1</b>	<b>185.07</b>					<b>310.57</b>

Sl. No.	Name of tank/ Anicut/ Reservoir	Tank Bund Improvements		Repairs to Sluice		Reconstruction of Sluices		Repairs to Weir		Reconstruction to Weirs		Desilting Supply Channel		Flow Measuring Device		Total Amount (in Lakhs)
		Length (km)	Amt	No	Amt	No	Amt	No	Amt	No	Amt	No	Amt	Nos	Amt	
<b>Package No.03 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>																
27	Aspoor Big Tank	1.50	10.80			2	13.07	1	7.74					2	0.26	31.87
28	Aspoor Small Tank	1.58	11.13			1	7.31	1	8.01					1	0.13	26.58
29	Ongur Big Tank	1.45	9.45			2	12.81	2	8.47			0.90	3.42	2	0.26	34.41
30	Ongur Small Tank	2.25	14.40			2	12.81	2	12.74			2.60	3.29	2	0.26	43.50
31	Vairapuram Tank	1.30	10.53			1	6.72	1	7.29			2.90	3.58	1	0.15	28.27
32	Pallipakkam Tank	1.00	7.74			3	18.98							3	0.39	27.11
33	Kilsevoor Tank					1	6.86							1	0.13	6.99
34	Sathanur Tank	1.50	13.25									2.50	3.16			16.41
	<b>Sub Total</b>	<b>10.58</b>	<b>77.30</b>			<b>12</b>	<b>78.56</b>	<b>7</b>	<b>44.25</b>	<b>0</b>	<b>0.00</b>	<b>8.90</b>	<b>13.45</b>	<b>12</b>	<b>1.58</b>	<b>215.14</b>
	<b>Grand Total</b>	<b>49.13</b>	<b>407.35</b>			<b>12</b>	<b>78.56</b>	<b>10</b>	<b>67.28</b>	<b>1</b>	<b>185.07</b>	<b>8.90</b>	<b>13.45</b>	<b>12</b>	<b>1.58</b>	<b>753.29</b>

Junior Engineer, W.R.D.,  
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Assistant Executive Engineer, W.R.D.,  
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Executive Engineer, W.R.D.,  
Lower Palar Division,  
Kancheepuram.

**STATEMENT - II B**  
**REHABILITATION OF IRRIGATION CHANNELS**

**SUB BASIN : ONGUR SUB BASIN**

Sl. No.	Name of Tanks	Desilting Irrigation Channel		Lining of Irrigation Channel		Repairs to Drops, Syphon, Cistern		Repairs to Culvert aqueduct etc.,		Shutter Renewal		Total
		Length in M	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	
<b>Package No.01 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>												
1	Acharapakkam Tank			3	5.72							5.72
2	Nemam			2	3.81							3.81
3	Pallipettai			2	3.81							3.81
4	Thimmapuram Tank			3	5.72							5.72
5	Kottaikayapakkam			2	3.81							3.81
6	Siruperpondy			2	3.81							3.81
7	Minnal Chithamur Tank			2	3.81							3.81
8	Nedungal Tank			2	3.81							3.81
9	Karasangal Tank			2	3.81							3.81
10	Athur Tank			2	3.81							3.81
11	Kilathivakkam Tank			2	3.81							3.81
12	Kongarai Mambattu			2	3.81							3.81
13	Orathi Periya eri			3	5.72							5.72
14	Thinnalur Tank			2	3.81							3.81
15	Nerkunam Tank			2	3.81							3.81
16	Parukkal Tank			3	5.72							5.72
17	Cheyyur Periya Eri			3	5.72							5.72
	<b>Sub Total</b>			<b>39</b>	<b>74.32</b>			<b>0</b>	<b>0.00</b>			<b>74.32</b>





Sl. No.	Name of Tanks	Desilting Irrigation Channel		Lining of Irrigation Channel		Repairs to Drops, Syphon, Cistern		Repairs to Culvert aqueduct etc.,		Shutter Renewal		Total
		Length in M	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	
<b>Package No.03 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>												
27	Aspoor Big Tank			2	5.67							5.67
28	Aspoor Small Tank			1	2.85							2.85
29	Ongur Big Tank			2	5.63							5.63
30	Ongur Small Tank			2	5.63							5.63
31	Vairapuram Tank			1	2.80							2.80
32	Pallipakkam Tank			3	8.33							8.33
33	Kilsevoor Tank			1	2.81							2.81
34	Sathanur Tank											0.00
	<b>Sub Total</b>			<b>12</b>	<b>33.72</b>							<b>33.72</b>
	<b>Grand Total</b>			<b>69</b>	<b>142.36</b>			<b>0</b>	<b>0.00</b>			<b>142.36</b>

Junior Engineer, W.R.D.,  
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Lower Palar Division,  
Kancheepuram.

**STATEMENT - II C**

**REHABILITATION OF ANICUTS AND SUPPLY CHANNELS**

**SUB BASIN : ONGUR SUB BASIN**

**NIL**

**Junior Engineer, W.R.D.,  
Irrigation Section,  
Acharapakkam.**

**Assistant Executive Engineer, W.R.D.,  
Kiliyar Basin Sub Division,  
Madurantakam.**

**Executive Engineer, W.R.D.,  
Lower Palar Division,  
Kancheepuram.**

## Details of Left out Components in the Additional proposal utilising the savings

Phase - III Ongur Sub basin - Package No.1 / IAMWARM / WRD / ONG / LC / Works III / 2012 - 13

Sl. No.	Name of tank/ Anicut/ Reservoir	Sluice Reconstruction		Weir Repair / Reconstruction		Supply Channel		Tank Bund Improvements		Flow Measuring Device		Lining the Irrigation Channel		Total Amount ( in Lakhs)
		Length (km)	Amt	No	Amt	Length (km)	Amt	Length (km)	Amt	No	Amt	No	Amt	
<b>Package No.01 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>														
1	Acharapakkam Tank			2	10.50			1.30	11.05			3	5.72	27.27
2	Nemam							1.28	11.59			2	3.81	15.40
3	Pallipettai							1.40	12.46			2	3.81	16.27
4	Thimmapuram Tank							1.86	14.71			3	5.72	20.43
5	Kottaikayapakkam							1.31	11.29			2	3.81	15.10
6	Siruperpondy							1.65	13.03			2	3.81	16.84
7	Minnal Chithamur Tank							1.73	13.60			2	3.81	17.41
8	Nedungal Tank							2.37	16.29			2	3.81	20.10
9	Karasangal Tank							1.40	11.60			2	3.81	15.41
10	Athur Tank							1.61	12.90			2	3.81	16.71
11	Kilathivakkam Tank							1.52	12.64			2	3.81	16.45
12	Kongarai Mambattu							1.60	13.45			2	3.81	17.26
13	Orathi Periya eri							1.99	15.82			3	5.72	21.54
14	Thinnalur Tank							1.35	11.85			2	3.81	15.66
15	Nerkunam Tank							1.33	11.22			2	3.81	15.03
16	Parukkal Tank							1.20	10.83			3	5.72	16.55
17	Cheyyur Periya Eri							1.48	12.75			3	5.72	18.47
	<b>Sub Total</b>			<b>2</b>	<b>10.50</b>			<b>26.39</b>	<b>217.08</b>			<b>39</b>	<b>74.32</b>	<b>301.90</b>

Sl. No.	Name of tank/ Anicut/ Reservoir	Sluice Reconstruction		Weir Repair / Reconstruction		Supply Channel		Tank Bund Improvements		Flow Measuring Device		Lining the Irrigation Channel		Total Amount ( in Lakhs)
		Length (km)	Amt	No	Amt	Length (km)	Amt	Length (km)	Amt	No	Amt	No	Amt	
	<b>Package No.02 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>													
18	Kadamalaiputhur Tank							1.45	11.65					11.65
19	Thandalam Tank							1.50	12.81			2	3.81	16.62
20	Mugundhagiri Tank							1.30	11.63			4	7.63	19.26
21	Perukkaralai Tank							1.13	10.30			2	3.81	14.11
22	Periyakayapakkam							1.35	11.86			3	5.72	17.58
23	Perambakkam Tank							1.38	11.87			2	3.81	15.68
24	Periyakalakadi Tank							1.50	12.92			1	1.91	14.83
25	Illeadu big Tank							1.30	11.95			3	5.72	17.67
26	Vedal Thangal			1	12.53	1	185.07	1.26	17.98			1	1.91	217.49
	<b>Sub Total</b>			<b>1</b>	<b>12.53</b>	<b>1</b>	<b>185.07</b>	<b>12.17</b>	<b>112.97</b>			<b>18</b>	<b>34.32</b>	<b>344.89</b>

Sl. No.	Name of tank/ Anicut/ Reservoir	Sluice Reconstruction		Weir Repair / Reconstruction		Supply Channel		Tank Bund Improvements		Flow Measuring Device		Lining the Irrigation Channel		Total Amount ( in Lakhs)
		Length (km)	Amt	No	Amt	Length (km)	Amt	Length (km)	Amt	No	Amt	No	Amt	
<b>Package No.03 / IAMWARM / WRD/ ONG / LC / WORKS/ III / 2012-13</b>														
27	Aspoor Big Tank	2	13.07	1	7.74			1.50	10.80	2	0.26	2	5.67	37.54
28	Aspoor Small Tank	1	7.31	1	8.01			1.58	11.13	1	0.13	1	2.85	29.43
29	Ongur Big Tank	2	12.81	2	8.47	0.90	3.42	1.45	9.45	2	0.26	2	5.63	40.04
30	Ongur Small Tank	2	12.81	2	12.74	2.60	3.29	2.25	14.40	2	0.26	2	5.63	49.13
31	Vairapuram Tank	1	6.72	1	7.29	2.90	3.58	1.30	10.53	1	0.15	1	2.80	31.07
32	Pallipakkam Tank	3	18.98					1.00	7.74	3	0.39	3	8.33	35.44
33	Kilsevoor Tank	1	6.86							1	0.13	1	2.81	9.80
34	Sathanur Tank					2.50	3.16	1.50	13.25					16.41
	<b>Sub Total</b>	<b>12</b>	<b>78.56</b>	<b>7</b>	<b>44.25</b>	<b>8.90</b>	<b>13.45</b>	<b>10.58</b>	<b>77.30</b>	<b>12</b>	<b>1.58</b>	<b>12</b>	<b>33.72</b>	<b>248.86</b>
	<b>Grand Total</b>	<b>12</b>	<b>78.56</b>	<b>10</b>	<b>67.28</b>	<b>9.90</b>	<b>13.45</b>	<b>49.13</b>	<b>407.35</b>	<b>12</b>	<b>1.58</b>	<b>69</b>	<b>142.36</b>	<b>895.65</b>

Junior Engineer, W.R.D.,  
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Acharapakkam.

Assistant Executive Engineer, W.R.D.,  
Kiliyar Basin Sub Division,  
Madurantakam.

Executive Engineer, W.R.D.,  
Lower Palar Division,  
Kancheepuram.

**Name of Work : Rehabilitation and Modernisation of Left out components in the tanks under Ongur Sub Basin in Acharapakkam and Chithamur Blocks in Madurantakam and Cheyyur taluks in Kancheepuram District.**

**PACKAGE NO. 01**

**General Abstract**

<b>Sl.No</b>	<b>Name of Tank</b>	<b>Amount</b>
1	Acharapakkam Tank	27.27
2	Nemam Tank	15.40
3	Pallipettai Tank	16.27
4	Thimmapuram Tank	20.43
5	Kottaikayapakkam	15.10
6	Siruperpondy Tank	16.84
7	Minnal Chithamur Tank	17.41
8	Nedungal Tank	20.10
9	Karasangal Tank	15.41
10	Athur Tank	16.71
11	Kilathivakkam Tank	16.45
12	Kongarai Mambattu Tank	17.26
13	Orathi Periya Eri	21.54
14	Thinnalur Tank	15.66
15	Nerkunam Tank	15.03
16	Parukkal Tank	16.55
17	Cheyyur Periya Eri	18.47
	<b>Total</b>	<b>301.90</b>
	Petty supervision, contingencies, advertisement and photographic charges etc., @ 2.5 %	<b>7.55</b>
	Labour welfare fund @ 0.3 %	<b>0.91</b>
	<b>Total Package cost</b>	<b>310.35</b>

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Executive Engineer, PWD.,  
Lower Palar Basin Division,  
Kanchipuram.

**Name of Work : Rehabilitation and Modernisation of Left out componants  
in the tanks under Ongur Sub Basin in Chithamur and Acharapakkam  
Blocks in Cheyyur and Madurantakam taluks in Kancheepuram District.**

**PACKAGE NO. 02  
General Abstract**

<b>Sl.No</b>	<b>Name of Tank</b>	<b>Amount</b>
1	Kadamalaiputhur Tank	11.65
2	Thandalam Tank	16.62
3	Mugundhagiri Tank	19.26
4	Perukkarantai Tank	14.11
5	Periyakayapakkam Tank	17.58
6	Perambakkam Tank	15.68
7	Periakalakkadi Tank	14.83
8	Illeadu Big Tank	17.67
9	Vedal Thangal	217.49
	<b>Total</b>	<b>344.89</b>
	Petty supervision, contingencies, advertisement and photographic charges etc., @ 2.5 %	8.62
	Labour welfare fund @ 0.3 %	1.03
	<b>Total Package cost</b>	<b>354.54</b>

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Asst. Exe. Engineer, PWD.,  
Kiliyar Basin Sub Division,  
Madurantakam.

Executive Engineer, PWD.,  
Lower Palar Basin Division,  
Kanchipuram.

Name of Work : Rehabilitation and Modernisation of Left Out components in the tanks and Supply channels under Ongur Sub basin in Olakkur and Marakkanam Blocks in Thindivanam Taluk Villupuram District.

**PACKAGE NO. 03**  
**General Abstract**

<b>Sl.No</b>	<b>Name of Tank</b>	<b>Amount</b>
1	Aspoor Big Tank	37.54
2	Aspoor Small Tank	29.43
3	Ongur Big Tank	40.04
4	Ongur Small Tank	49.13
5	Vairapuram Tank	31.07
6	Pallipakkam Tank	35.44
7	Kilsevoor Tank	9.80
8	Sathanur Tank	16.41
	<b>Total</b>	<b>248.86</b>
	Petty supervision, contingencies, advertisement and photographic charges etc., @ 2.5 %	6.22
	Labour welfare fund @ 0.3 %	0.75
	<b>Total Package cost</b>	<b>255.83</b>



## B. WRO COST TABLE

Sl. No	Description of work	Quantity	Amount in Lakhs	Remarks
<b>I.</b>	<b><u>Supply Channel</u></b>			
1	Desilting of Supply Channels to, its standard providing with bed bars.	8.90	13.46	
<b>II.</b>	<b>Tank</b>			
1	Raising and Strengthening the tank bund	49.13	407.36	
2	Reconstruction of Sluice	12	78.55	
3	Flow measuring device	12	1.58	
4	Reconstruction of Additional Weir	1	185.07	
5	Repairs to Weir	9	67.28	
6	Lining Irrigation Channel	69	142.35	
	<b>SubTotal</b>		<b>895.65</b>	
<b>III.</b>	<b>LS PROVISIONS</b>			
1	Labour welfare fund 0.30%	0.30%	2.68	
2	Provision for Photographic charges, Advertisement charges, Name board, Petty supervision charges, unforeseen items at 2.50 %	2.5%	22.39	
	<b>SubTotal</b>		<b>25.07</b>	
	<b>Total</b>		<b>920.72</b>	

1). Tank component 895.65

2). Non-Tank component 25.07

**Total 920.72 LAKHS**

Junior Engineer, W.R.D.,  
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Executive Engineer, W.R.D.,  
Lower Palar Division,  
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