

# Flood Mitigation & Flood Protection Works (Unprecedented Rainfall & Michaung cyclone)

The Government have accorded Administrative Sanction for the Permanent Restoration of damaged structures of Water Resources Department during floods in Southern District of TamilNadu for an amount of Rs.280.00crore and Additional Flood Mitigation works in and around-Chennai, Chengalpattu,Kancheepuram and Tiruvallur Districts proposed based on vulnerability met during 2023 Floods for an amount of Rs.350.00 Crore, vide the **G.O.(Ms).No.16/ Water Resources (I.Spl.2) Department dated 10.02.2024**

Total Works	Region	Total Estimate (In Crore)	No of works completed	No of works to be completed
22	Chennai	350.00	2	20
480 312-CERC 168-State Fund	Madurai	280.00	136(CERC) 60(SF)	176(CERC) 108(SF)

# Flood Protection Works -2023-24

Sl.No.	G.O	Estimate Amt. (Rs in Crore)	Total Works	No of works completed	No of works in progress
1	G.O.Ms.No. 94 / Water Resources (S1) Dept, Dated: 09.05.2023	19.05	2	2	-
2	G.O.Ms.No. 42 / Water Resources (S1) Dept, Dated: 20.06.2023	43.19	1	-	1
3	G.O.Ms.No. 327/ R&DM (DM.II) Dept, Dated: 03.07.2023	14.50	1	1	-
4	G.O.Ms.No. 145 / Water Resources (I-Spl.2) Dept, Dated: 14.07.2023	91.36	5	5	-
5	G.O.Ms.No. 146 / Water Resources (I-Spl.2) Dept, Dated: 14.07.2023	15.48	2	1	1
6	G.O.Ms.No. 172 / Water Resources (I-Spl.2) Dept, Dated: 03.08.2023	69.45	4	1	3
7	G.O.Ms.No. 173 / Water Resources (I-Spl.2) Dept, Dated: 03.08.2023	11.43	8	7	1
8	G.O.Ms.No. 45 / Water Resources (S2) Dept, Dated: 01.09.2023	57.24	7	4	3
9	G.O.Ms.No. 524/ R&DM (DM.II) Dept, Dated: 17.10.2023	7.00	2	1	1
10	G.O.Ms.No. 541 / R&DM (DM.II) Dept, Dated: 26.10.2023	96.50	1	-	1
11	G.O.Ms.No. 593/ R&DM (DM.II) Dept, Dated: 20.12.2023	81.13	1	-	1
	Total	506.33	34	22	12

# Permanent Restoration works Considered for CERC under State Fund Progress Of works

Considered for State fund  
Progress Of works

Sl. No.	District	Division	Total		No of Works Completed	Work in Progress	Liability (Rs in Crore)
			Nos.	Amount (Rs in Crore)			
I	Tirunelveli	Upper Thamiraparani Basin Division	47	18.410	23	24	13.274
		Kodayar Basin Division	9	1.700	0	9	0.015
		Chittar Basin Division	5	1.390	2	3	0.863
		<b>Sub Total</b>	<b>61</b>	<b>21.500</b>	<b>25</b>	<b>36</b>	<b>14.152</b>
II	Tenkasi	Chittar Basin Division	1	0.150	0	1	0.030
		Upper Vaippar Basin Division	12	5.670	1	11	3.779
		<b>Sub Total</b>	<b>13</b>	<b>5.82</b>	<b>1</b>	<b>12</b>	<b>3.809</b>
III	Thoothukudi	Upper Thamiraparani Basin Division	38	13.679	9	29	8.408
		Lower Thamiraparani & Korampallam Aru Basin Division	11	5.603	6	5	4.918
		Vaippar Basin Division	10	6.470	6	4	6.020
		<b>Sub Total</b>	<b>59</b>	<b>25.752</b>	<b>21</b>	<b>38</b>	<b>19.346</b>
IV	Virudhunagar	Upper Vaippar Basin Division	3	0.460	3	0	0.460
		Gundar Basin Division	3	0.375	1	2	0.273
		Vaippar Basin Division	2	0.330	0	2	0.070
		<b>Sub Total</b>	<b>8</b>	<b>1.165</b>	<b>4</b>	<b>4</b>	<b>0.803</b>
V	Kanniyakumari	Kodayar Basin division	17	4.350	2	15	1.688
		<b>Sub Total</b>	<b>17</b>	<b>4.350</b>	<b>2</b>	<b>15</b>	<b>1.688</b>
VI	Ramanthapuram	Gundar Basin Division	10	0.910	7	3	0.467
		<b>Sub Total</b>	<b>10</b>	<b>0.910</b>	<b>7</b>	<b>3</b>	<b>0.467</b>
		<b>Total</b>	<b>168</b>	<b>59.497</b>	<b>60</b>	<b>108</b>	<b>40.265</b>

**Permanent Restoration works  
Considered for CERC under TNIAM Project Progress Of works**

Sl. No.	District	Division	Total		No of Works Completed	Work in Progress	Liability (Rs in Crore)
			Nos.	Amount (Rs in Crore)			
I	Tirunelveli	Upper Thamiraparani Basin Division	99	60.514	66	33 (PQ submitted to TAC for 1 work)	48.490
		Chittar Basin Division	63	20.120	15	48	11.740
		<b>Sub Total</b>	<b>162</b>	<b>80.634</b>	<b>81</b>	<b>81</b>	<b>60.23</b>
II	Tenkasi	Chittar Basin Division	54	13.563	29	25	9.028
		<b>Sub Total</b>	<b>54</b>	<b>13.563</b>	<b>29</b>	<b>25</b>	<b>9.028</b>
III	Thoothukudi	Upper Thamiraparani Basin Division	23	12.640	15	8	9.795
		Lower Thamiraparani & Korampallam Aru Basin Division	73	113.666	11	62	27.710
		<b>Sub Total</b>	96	126.306	26	70	37.505
		<b>Total</b>	<b>312</b>	<b>220.503</b>	<b>136</b>	<b>176</b>	<b>106.763</b>

# Gerugambakkam Channel

Improvements to Gerugambakkam Channel from LS 160m to LS 1500m in Gerugambakkam Village in Kundrathur Taluk of Kancheepuram District.

Estimate Amount (Rs.in Crore)	Present Stage	Date of Commencement	Probable Date of Completion
19.16	92% of work completed. Culvert works completed. Fencing work is in Progress	31.10.2023	30.09.2024



**BEFORE EXECUTION**



**DURING EXECUTION**

# THANIKACHALAM NAGAR DRAIN

**Construction of open channel and cut & cover channel in Thanikachalam nagar drain in Madhavaram and Ayanavaram Taluk in Chennai District**

Estimate Amount (Rs.in Crore)	Present Stage	Date of Commencement	Probable Date of Completion
91.36	65% Work completed. 1600m cut and cover completed.700m open channel completed. Balance work is in progress	<b>30.08.2023</b>	<b>30.09.2024</b>



**BEFORE EXECUTION**



**DURING EXECUTION**



# MADHAVARAM RETTERI

Conversion of Madhavaram Retteri into drinking water source by deepening the Bed and Providing Regulator arrangements and improvements to foreshore area of Madhavaram tank in Madhavaram taluk of Chennai District.

Estimate Amount (Rs.in Crore)	Present Stage	Date of Commencement	Probable Date of Completion
43.19	55% of work completed. Regulator work completed. 1700m grade beam completed Toe wall 310m completed. Island 80% completed Bund work 80% completed. Compound wall 1350m completed, Island formation and toe wall with revetment work is in Progress.	21.08.2023	31.10.2024



DURING EXECUTION



DURING ACS, WRD INSPECTION

## Construction of Cut and Cover along the Dargas road from Pappan channel to Adyar river in Tambaram village & taluk of Chengalpattu District.

Estimate Amount (Rs.in Crore)	Present Stage	Date of Commencement	Probable Date of Completion
12.00	25% work completed. Balance Work is in progress	10.06.2024	31.10.2024



**DURING EXECUTION**



**DURING EXECUTION**



# Construction of Regulator arrangements and improvements to surplus course in Sekkadu Tank in Sekkadu Village in Avadi Taluk of Thiruvallur District.

Estimate Amount (Rs.in Crore)	Present Stage	Date of Commencement	Probable Date of Completion
5.00	62% work completed. cut & cover 160m completed.42m Raft and Wall work completed. Regulator wing wall work completed. Balance work is in progress	07.03.2024	31.10.2024



**DURING EXECUTION**



**DURING EXECUTION**

# Strengthening and formation of Left Flood Bank with River Training Works damaged due to Cyclone Michaung in Araniyar River from LS 119.700 km to 123.900 km in Ponneri Taluk of Thiruvallur District

Estimate Amount (Rs.in Crore)	Present Stage	Date of Commencement	Probable Date of Completion
19.00	60% work completed. Balance Work is in progress	07.03.2024	31.10.2024



**BEFORE EXECUTION**



**DURING EXECUTION**

**Permanent Breach Closing Sadayaneri Tank in Meignanapuram Village in Tiruchendur Taluk in Thoothukudi District.  
Est.Amt :Rs 60.00 Lakhs**

**Before Execution**



**During Execution**



**After Execution;**

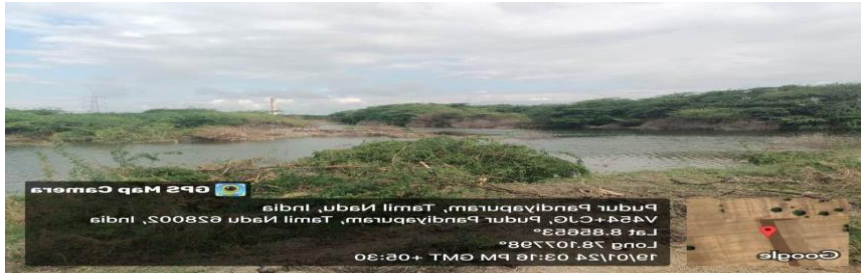


**PROVISION OF OPERATING PLATFORM AND SHUTTERS TO SURPLUS WEIR**



**Permanent Restoration of Velayuthapuram Tank Bund Breached Portion between LS 1700 M to LS 1735M affected by 17/12/2023 heavy rains in Velayuthapuram Village of Ottapidaram Taluk in Thoothukudi District.**  
**Est.Amt:Rs 29.30 Lakhs**

**BEFORE EXECUTION**



**DURING EXECUTION**



**AFTER EXECUTION**



**CONSTRUCTION OF PROTECTIVE WALL**