



ABSTRACT

Disaster Management - Very severe cyclonic storm NIVAR over southwest Bay of Bengal crossed between Pudhucherry and Marakanam on 25.11.2020 - Damages caused to Combined Water Supply Scheme - Sanction a sum of Rs.50,06 lakhs (Rupees Fifty lakh and six thousand only) from State Disaster Response Fund (SDRF) to Tamil Nadu Water Supply and Drainage Board – Orders – Issued.

REVENUE AND DISASTER MANAGEMENT DEPARTMENT **DISASTER MANAGEMENT WING, D.M.III(2) SECTION**

G.O.(Ms)No.51.

Dated 20.01.2021,

சார்வரி, கை 07

திருவள்ளூர் ஆண்டு, 2052

Read:

1. G.O.(Ms)No.380, Revenue [DM.3(2)] Department, dated 27.10.2015.
2. The Managing Director, TamilNadu Water Supply and Drainage Board Lr.No.9819/Monsoon/AE-II/O&M/ 2020, dated 30.11.2020.
3. From the Additional Chief Secretary/Commissioner of Revenue Administration letter No.N.C.I(2)/1875/2020, dated 26.12.2020

ORDER:

In the letter third read above, the Additional Chief Secretary/Commissioner of Revenue Administration has stated as follows:-

(i) The Regional Meteorological Centre, Chennai in its bulletin No.3 dated 22.11.2020 issued a warning that a low pressure area over southwest and adjoining southeast Bay of Bengal has become well marked low pressure area and persists over the same region. It is very likely to concentrate into a depression over Southwest Bay of Bengal during next 24 hours and intensify further into a cyclonic storm during subsequent 24 hours. It is very likely to move north westwards and cross Tamil Nadu and Puducherry coasts between Karaikal and Mahabalipuram around 25th November 2020 noon/afternoon.

(ii) Based on the forecast of 'Nivar' Cyclone, the Hon'ble Chief Minister convened the meeting of the State Disaster Management Authority on 23.11.2020 and deputed Senior Ministers and Senior I.A.S. officers to the districts likely to be affected by 'Nivar'. The Hon'ble Chief Minister of Tamil Nadu also visited the State Emergency Operation Centre on 24.11.2020 to take stock of the situation and instructed to take up adequate precautionary measures to reduce the risk due to the Cyclone 'Nivar'.

(iii) The Severe Cyclonic storm 'Nivar' crossed the Tamil Nadu and Puducherry Coast near Puducherry between 23.30 Hrs of 25.11.2020 and 02.30 Hrs of 26.11.2020. Few coastal districts as well as certain interior districts received rainfall coupled with cyclonic winds gusting upto 120-130 kph, which left many trees uprooted, power distribution lines disrupted, water stagnation at many places particularly in Chennai and threw normal life out of gear. 8 stations have recorded extremely heavy rainfall, of which Tambaram station has recorded 314.10 mm. Moreover, 51 stations have received very heavy rainfall and 65 stations in the state have recorded heavy rainfall.

(iv) The Hon'ble Chief Minister of Tamil Nadu visited Cuddalore District on 26.11.2020 immediately after the landfall of the Cyclone to disburse relief assistance to the affected families and to oversee the relief operations. He further instructed the officials to speed up the relief operations.

2. The Additional Chief Secretary/ Commissioner of Revenue Administration has stated that the Managing Director, Tamil Nadu Water Supply and Drainage Board has stated that detailed instructions have been issued regarding the Preventive measures to be taken by the field Engineers to face the effects of North East Monsoon, 2020. Subsequently, a review meeting was also conducted by the Chief Secretary to Government on the above subject, on 18.09.2020 and necessary instructions were issued to field engineers towards the preparedness of North East Monsoon. Further, the Additional Chief Secretary to Government / Commissioner for Revenue Administration and Disaster Management also conducted a meeting on 19.10.2020 to review the preparedness of North East Monsoon, in the coastal districts, Kancheepuram, Thiruchirapalli and Madurai Districts and instructions were issued to the field engineers. The CEs of TWAD Board are addressed to take preventive measures as instructed already in order to tackle the cyclone and requested to direct the EEs concerned to execute the emergency works if required to restore the water supply during this cyclone period. Due to NIVAR cyclone, heavy to very heavy rainfall with gusting storm ranging around 120 kmph were observed at various Districts of Tamil Nadu from 24.11.2020 to 26.11.2020 and intensified on 25.11.2020.

3. The Additional Chief Secretary/ Commissioner of Revenue Administration has stated that the Managing Director, Tamil Nadu Water Supply and Drainage Board has sent the preliminary report on details of the affected CWSS during NIVAR cyclone were collected from field and observed that 32 number of CWSS in 5 Districts (Vellore, Cuddalore, Ranipet, Kanchipuram & Tiruvannamalai) were affected requiring an amount of Rs.99.76 Lakhs for restoration as detailed below:-

S. No.	District	Name of Division	Name of Cwss	Damaged Component	Amount Required for Restoration (Rs. In Lakh)
1	Cuddalore	RWS Division, Cuddalore	CWSS to Natarajapuram and 10 other habitations Kumaratchi Union in Cuddalore District	1. Pump room 2. EB service wire 3. ATS starter 4. Rain water entered into the genset	2.50
2	Cuddalore	RWS Division, Cuddalore	CWSS to Vadugatherumedu and 7 other Habitations in Portonovo Union in Cuddalore District	1. Pump room (2 Nos) 2. EB service wire 3. ATS starter 4. Rain water entered into the genset	4.00
3	Cuddalore	RWS Division, Cuddalore	CWSS to Rajapettai and 14 other habitations in Cuddalore & Kurinjipadi Union in Cuddalore District	1. EB service wire 2. ATS starter 3. Rain water entered into the genset	2.00
4	Cuddalore	RWS Division, Cuddalore	CWSS to Pudukuppam and 9 other habitations in Portonovo Union in Cuddalore District	1. EB service wire 2. ATS starter 3. Pumpsets	2.50
5	Cuddalore	RWS Division, Cuddalore	CWSS to Karaikadu and 13 other Habitations in Cuddalore Union in Cuddalore District	1. EB service wire 2. ATS starter	1.50

6	Cuddalore	RWS Division, Cuddalore	CWSS to 54 Quality affected Habitations and 67 way side habitations in Kumaratchi & Portonovo Union and to Killai TP in Cuddalore District	1. EB service wire 2. ATS starter	3.00
				Cost for hired genset	1.50
7	Cuddalore	RWS Division, Cuddalore	CWSS to Kazhudur and 7 other habitations in Mangalore Union in Cuddalore District	1. EB service wire 2. ATS starter	1.50
8			CWSS to 17 Quality Affected Habitations and 69 way side habitations in Parangipettai and Kumaratchi Unions of Cuddalore District and Kodiyampalayam Habitation in Kollidam union of Nagapattinam District.	Cost for hired genset	1.50
9	Cuddalore	RWS Division, Cuddalore	CWSS to 60 Quality Affected Habitations and 59 way side habitations in Kattumannarkoil Union and Lalpettai Town Panchayat in Cuddalore District	Cost for hired genset	1.20
10	Cuddalore	Project Division, Cuddalore	CWSS to Cuddalore Municipality, Bhuvanagir TP and Parangipettai TP and 812 Rural habitations in Cuddalore District	Cost for hired genset	4.00

11	Vellore	Maintenance Division Vellore	CWSS to Vellore Corporation, 11 Municipalities, 5 Town Panchayats, 944 Way side Rural Habitations in Vellore District - Package III.	Pipeline and cable	9.50
12	Vellore	Maintenance Division Vellore	CWSS to Chennankuppam and 26 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	2.00
13	Vellore	Maintenance Division Vellore	CWSS to Sethuvandai and 4 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	3.50
14	Vellore	Maintenance Division Vellore	CWSS to Sholamur and 25 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	3.00
15	Vellore	Maintenance Division Vellore	CWSS to Senji and 28 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	2.00
16	Ranipet	RWS Division, Ranipet	CWSIS to Arakonam Mpty.in Ranipet Dt. and Thiruthani Mpty.in Thiruvallur Dt.	cables and Connecting mains inside the River Palar	1.50
17	Ranipet	RWS Division, Ranipet	CWSS to Veppur and 5 other habitations in Ranipet District	connecting main with cables	1.50
18	Ranipet	RWS Division, Ranipet	CWSS to Sathur and 12 other habitations in Ranipet District	connecting main with cables	2.50
19	Ranipet	RWS Division, Ranipet	CWSS to Vanapadi and 14 other habitations in Ranipet District	Inf. Well- 1 in Ponnai River, connecting mains, cables with pumpset	2.00
20	Ranipet	RWS Division, Ranipet	CWSS to BHEL and 11 wayside habitations in Ranipet District	connecting mains, cables	13.00

21	Ranipet	RWS Division, Ranipet	WSS to BHEL Industrial complex in Ranipet District (Deposit Work)	connecting mains, cables	1.50
22	Ranipet	RWS Division, Ranipet	CWSS to Sumaithangi & 13 other habitations in Ranipet District	connecting main and cables	1.00
23	Ranipet	RWS Division, Ranipet	CwSS to Kalavai- Thimiri	connecting main and cables	1.50
24	Kanchipuram	RWS Division, Chengalpet	CWSS to Sriperumbudur - Poonamallee	320 Amps - 4 pole contactor of 200KVA Diesel generator set	1.00
25	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Umayalpuram, Vembakkam H and 10 other habitations in Tiruvannamalai District	1.Cable- 70 sq mm - 1000m 2.Connecting main 80mm Gi-150m	6.44
26	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Anakkavur and 6 other habitations in Tiruvannamalai District	1.Cable- 25 sq mm - 660m 2.Connecting main 100mm Gi-60m and allied components	3.45
27	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Nallur and 74 other habitations in Tiruvannamalai District	1. Cable - 120sqmm- 50m 2.Compound wall Rectification	2.68
28	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Parasur and 13 other habitations in Tiruvannamalai District	1.Cable- 50 sq mm - 200m	0.86
29	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Namathodu and Chetpet RTP and 22 other habitations in Tiruvannamalai District	1.Cable- 70 sq mm - 700m	3.57

30	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Athi and 37 other habitations in Tiruvannamalai District	1.Cable- 50 sq mm - 750m , 35sq mm - 200m 2.Sump protection arrangement	
31	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Chithathur and 14 other habitations in Tiruvannamalai District	1.Cable- 50 sq mm - 650m 2.Connecting main 80mm Gi-25m	3.03
32	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Padavedu and 46 other habitations in Tiruvannamalai District	1.Connecting main 80mm Gi-12m, 90mm PVC -500m	1.59
Total					99.76

The Managing Director, Tamil Nadu Water Supply and Drainage Board has requested to allot necessary funds for the cyclone relief measures.

4. The Additional Chief Secretary / Commissioner of Revenue Administration has stated that the proposals of the Managing Director, Tamil Nadu Water Supply and Drainage Board has been examined with the norms prescribed in the Government Order first read above, only amount of Rs.50.06 lakhs is eligible to Tamil Nadu Water Supply and Drainage Board for the damaged water supply schemes due to "NIVAR" Cyclone as detailed below:-

S. No.	District	Name of Division	Name of CWSS	Damaged Component	Amount Requested (Rs. In Lakh)	Amount Eligible as per SDRF Norm
1	Cuddalore	RWS Division, Cuddalore	CWSS to Natarajapuram and 10 other habitations Kumaratchi Union in Cuddalore District	1. Pump room 2. EB service wire 3. ATS starter 4. Rain water entered into the genset	2.50	1.50

2	Cuddalore	RWS Division, Cuddalore	CWSS to Vadugatherumedu and 7 other Habitations in Portonovo Union in Cuddalore District	1. Pump room (2 Nos) 2. EB service wire 3. ATS starter 4. Rain water entered into the genset	4.00	1.50
3	Cuddalore	RWS Division, Cuddalore	CWSS to Rajapettai and 14 other habitations in Cuddalore & Kurinjipadi Union in Cuddalore District	1. EB service wire 2. ATS starter 3. Rain water entered into the genset	2.00	1.50
4	Cuddalore	RWS Division, Cuddalore	CWSS to Pudukuppam and 9 other habitations in Portonovo Union in Cuddalore District	1. EB service wire 2. ATS starter 3. Pumpsets	2.50	1.50
5	Cuddalore	RWS Division, Cuddalore	CWSS to Karaikadu and 13 other Habitations in Cuddalore Union in Cuddalore District	1. EB service wire 2. ATS starter	1.50	1.50
6	Cuddalore	RWS Division, Cuddalore	CWSS to 54 Quality affected Habitations and 67 way side habitations in Kumaratchi & Portonovo Union and to Killai TP in Cuddalore District	1. EB service wire 2. ATS starter	3.00	1.50
	Cuddalore	RWS Division, Cuddalore	CWSS to 54 Quality affected Habitations and 67 way side habitations in Kumaratchi & Portonovo Union and to Killai TP in Cuddalore District	Cost for hired genset	1.50	1.50

7	Cuddalore	RWS Division, Cuddalore	CWSS to Kazhudur and 7 other habitations in Mangalore Union in Cuddalore District	1. EB service wire 2. ATS starter	1.50	1.50
8			CWSS to 17 Quality Affected Habitations and 69 way side habitations in Parangipettai and Kumaratchi Unions of Cuddalore District and Kodiyampalayam Habitation in Kollidam union of Nagapattinam District.	Cost for hired genset	1.50	1.50
9	Cuddalore	RWS Division, Cuddalore	CWSS to 60 Quality Affected Habitations and 59 way side habitations in Kattumannarkoil Union and Lalpettai Town Panchayat in Cuddalore District	Cost for hired genset	1.20	1.20
10	Cuddalore	Project Division, Cuddalore	CWSS to Cuddalore Municipality, Bhuvanagir TP and Parangipettai TP and 812 Rural habitations in Cuddalore District	Cost for hired genset	4.00	4.00
11	Vellore	Maintenance Division Vellore	CWSS to Vellore Corporation, 11 Municipalities, 5 Town Panchayats, 944 Way side Rural Habitations in Vellore District - Package III.	Pipeline and cable	9.50	1.50
12	Vellore	Maintenance Division Vellore	CWSS to Chennankuppam and 26 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	2.00	1.50

13	Vellore	Maintenance Division Vellore	CWSS to Sethuvandai and 4 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	3.50	1.50
14	Vellore	Maintenance Division Vellore	CWSS to Sholamur and 25 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	3.00	1.50
15	Vellore	Maintenance Division Vellore	CWSS to Senji and 28 other habitations in KV Kuppam union in Vellore District.	Pipeline and cable	2.00	1.50
16	Ranipet	RWS Division, Ranipet	CWSIS to Arakonam Mpty.in Ranipet Dt. and Thiruthani Mpty.in Thiruvallur Dt.	cables and Connecting mains inside the River Palar	1.50	1.50
17	Ranipet	RWS Division, Ranipet	CWSS to Veppur and 5 other habitations in Ranipet District	connecting main with cables	1.50	1.50
18	Ranipet	RWS Division, Ranipet	CWSS to Sathur and 12 other habitations in Ranipet District	connecting main with cables	2.50	1.50
19	Ranipet	RWS Division, Ranipet	CWSS to Vanapadi and 14 other habitations in Ranipet District	Inf. Well- 1 in Ponnai River,connecting mains,cables with pumpset	2.00	1.50
20	Ranipet	RWS Division, Ranipet	CWSS to BHEL and 11 wayside habitations in Ranipet District	connecting mains,cables	13.00	1.50

21	Ranipet	RWS Division, Ranipet	WSS to BHEL Industrial complex in Ranipet District (Deposit Work)	connecting mains,cables	1.50	1.50
22	Ranipet	RWS Division, Ranipet	CWSS to Sumaithangi & 13 other habitations in Ranipet District	connecting main and cables	1.00	1.00
23	Ranipet	RWS Division, Ranipet	CwSS to Kalavai- Thimiri	connecting main and cables	1.50	1.50
24	Kanchipuram	RWS Division, Chengalpet	CWSS to Sriperumbudur - Poonamallee	320 Amps - 4 pole contactor of 200KVA Diesel generator set	1.00	1.00
25	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Umayalpuram, Vembakkam H and 10 other habitations in Tiruvannamalai District	1.Cable- 70 sq mm - 1000m 2.Connecting main 80mm Gi-150m	6.44	1.50
26	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Anakkavur and 6 other habitations in Tiruvannamalai District	1.Cable- 25 sq mm - 660m 2.Connecting main 100mm Gi-60m and allied components	3.45	1.50
27	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Nallur and 74 other habitations in Tiruvannamalai District	1. Cable - 120sqmm- 50m 2.Compound wall Rectification	2.68	1.50
28	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Parasur and 13 other habitations in Tiruvannamalai District	1.Cable- 50 sq mm - 200m	0.86	0.86

29	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Namathodu and Chetpet RTP and 22 other habitations in Tiruvannamalai District	1.Cable- 70 sq mm - 700m	3.57	1.50
30	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Athi and 37 other habitations in Tiruvannamalai District	1.Cable- 50 sq mm - 750m , 35sq mm - 200m 2.Sump protection arrangement	7.44	1.50
31	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Chithathur and 14 other habitations in Tiruvannamalai District	1.Cable- 50 sq mm - 650m 2.Connecting main 80mm Gi- 25m	3.03	1.50
32	Tiruvannamalai	RWS Division, Tiruvannamalai	CWSS to Padavedu and 46 other habitations in Tiruvannamalai District	1.Connecting main 80mm Gi- 12m, 90mm PVC -500m	1.59	1.50
Total					99.76	50.06

5. The Additional Chief Secretary/Commissioner of Revenue Administration has recommended proposal of the Managing Director, Tamil Nadu Water Supply and Drainage Board and requested to sanction a sum of Rs.50.06 (Rupees Fifty lakhs and Six Thousand only) under State Disaster Response Fund (SDRF) to Tamil Nadu Water Supply and Drainage Board for the damaged water supply scheme due to "NIVAR" cyclone.

6. The Government after careful examination, accept the proposal of the Additional Chief Secretary / Commissioner of Revenue Administration and based on the approval of State Executive Committee, accord, sanction a sum of Rs.50,06,000/- (Rupees Fifty lakhs and Six Thousand only) under State Disaster Response Fund (SDRF) to Tamil Nadu Water Supply and Drainage Board for the damaged water supply scheme due to "NIVAR" cyclone

7. The amount sanctioned in paragraph 6 above shall be debited to the following head of account:-

**"2245 Relief on account of Natural Calamities - 02 Flood, Cyclones, etc. - 190 Assistance to Public Sector and other undertakings - State's Expenditure - AF Assistance to Tamil Nadu Water Supply and Drainage Board - 309 Grants-in-Aid - 09 Others.
(OLD DPC 2245 02 190 AF 0991)
(IFHRMS DPC 2245 02 190 AF 30909)"**

8. Necessary additional funds of Rs.50,06,000 will be provided in Final Modified Appropriation 2020-2021. Pending provision of such funds, the Additional Chief Secretary/ Commissioner of Revenue Administration is authorized to draw and disburse the amount. However, this expenditure shall be brought to the notice of the Legislature by the way of Specific Inclusion in the Supplementary Estimates 2020-2021. The Additional Chief Secretary/ Commissioner of Revenue Administration is also directed to include the expenditure sanctioned above, while sending the budget proposal for Final Modified Appropriation 2020-2021 and also send necessary draft explanatory notes for inclusion of this expenditure in the Supplementary Estimates 2020-2021 to Finance (BG.I/Revenue) Department at appropriate time without fail.

9. This order issues with the concurrence of Finance Department vide its U.O.No.1105/Finance (Revenue)/2021, dated 20.01.2021 with Additional Sanctioned Ledger No.1472 (One thousand four hundred and seventy two).

(BY ORDER OF THE GOVERNOR)

**ATULYA MISRA,
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

To

The Additional Chief Secretary/Commissioner of Revenue Administration, Ezhilagam, Chepauk, Chennai - 600 005.

The Commissioner (Disaster Management), Tamil Nadu Disaster Risk Reduction Agency, Chepauk, Chennai - 600 005.

The Additional Chief Secretary to Government, Municipal Administration and Water Supply Department, Chennai-600 009.

The Managing Director, Tamil Nadu Water Supply and Drainage Board, Chennai-600 005.

The Accountant General (A & E), Chennai - 600 018.

The Pay and Accounts Officer (East/South/North), Chennai - 600 008/600 035/600 001.

Copy to:

The Additional Chief Secretary to Government, Finance Department, Chennai -600 009.

The Additional Chief Secretary to Government, Highways Minor Ports Department, Chennai-600 009.

- The Additional Chief Secretary to Government,
Home, Prohibition and Excise Department, Chennai - 600 009.
- The Honourable Chief Minister's Office, Chennai - 600 009.
- The Special Personal Assistant to Honourable Minister (Revenue and Disaster Management),
Chennai - 600 009.
- The Personal Assistant, Chief Secretary to Government,
Chennai - 600 009.
- The Principal Private Secretary to Principal Secretary to Government, Revenue and Disaster
Management Department, Chennai - 600 009.
- The Finance (Revenue/BG-I/BG-II/W&M-I) Department,
Chennai - 600 009.
- The Revenue and Disaster Management (O.P.II) Department, Secretariat,
Chennai - 600 009.
- SF/SC.

// Forwarded by Order //


Section Officer 20.1.2024

20/01/24