



ABSTRACT

Disaster Management – Flood mitigation – Administrative and Financial sanction for a sum of Rs.81,12,80,000/- under State Disaster Mitigation Fund (SDMF) to Water Resources Department towards formation of flood banks to Lower Paravanar and formation of a new flood diversion canal from Aruvalmooku point to sea and other related works in Kurinjipadi Taluk of Cuddalore District – Orders - Issued.

Revenue and Disaster Management Department,
Disaster Management Wing, D.M.II section

G.O.(Ms)No.593

Dated:20.12.2023

சோபகிருது வருடம், மார்ச்சு 04
திருவள்ளூர் ஆண்டு 2054.

Read:

1. G.O.(Ms)No.350, Revenue and Disaster Management Department, dated:27.09.2019
2. From the Engineer-in-Chief & Chief Engineer (General), Water Resources Department's Letter No. S7(5)/45755/OT(6)/2023 dated: 13.04.2023, 18.08.2023 and 18.10.2023.
3. From the Additional Chief Secretary/ Commissioner of Revenue Administration and State Relief Commissioner, Letter No. OC-1/1450/2019, dated:13.09.2023.

ORDER:

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

- I. Perumal tank is one of the major tanks, in Cuddalore district. Perumal tank surplus course known as Lower Paravanar which flows parallel to the sea coast for a length of 32km and confluences with Bay of Bengal at south of Cuddalore Port. The peak discharge of Lower Paravanar was observed as 42800 Cusec during high flood periods. During extreme weather events, it takes much more time to drain out the flood water due to mild gradient of the river and

other topographical features like tidal influence, shoal formation etc., due to this, adjoining areas of lower Paravanar in Kundiyamallur, Sirupalayur, Karuveppambadi, Periyapattu, Alapakkam and 10 other villages get completely submerged with more than 5.0 feet of water for a period of 7 to 10 days during flood situation.

- II. Special investigation conducted by the officers of Water Resources Department and the District Collector revealed that there is promising scope for a flood diversion channel which will prevent submergence and protect large extent of agricultural lands as well as residential areas.
- III. The new flood diversion canal proposed to take of from Aruvalmooku stretch in lower Paravanar to sea for a length of 1900m which is situated at L.S23.60 Km from Perumal tank. About 15300 Cusec of flood water can be diverted from lower Paravanar to sea through this proposed diversion channel, i.e., 36% of flood water and in turns. For this project, an extent of 33.50 Acres of land has to be acquired for the formation of the new canal the cost for which works out to Rs.5.00 crore. In this project, the main components involved are i) forming flood banks to Lower Paravanar, ii) excavating new flood diversion canal from Aruvalmukku point to Sea for a length of 1900m, iii) constructing cross regulator across Lower Paravanar at Aruvalmooku point, iv) constructing tail end regulator and Road Bridges across the proposed new flood diversion canal.

2. In this connection, in the Government Order first read above, the Government have accorded Administrative and Financial Sanction for a sum of Rs. 238,13,24,847/- from State Funds for carrying out 12 numbers of Long-Term Permanent Flood Mitigation Works in the highly vulnerable areas of Chennai, Tiruvallur, Kancheepuram, Chengalpat and Cuddalore districts. "Regrading the Bed of Lower Paravanar and formation of a New Flood Diversion Canal from Aruvalmooku Stretch to sea in Kurinjipadi Taluk of Cuddalore District" at an estimated cost for Rs.5450.40 Lakh (excluding L.A cost) is one of the sanctioned works.

3. Except the above work of Aruvalmooku scheme, all the remaining 11 works were commenced during the months of December 2019 and January 2020 in which 9 works are completed and 2 works are in progress. Only the Aruvalmooku scheme could not be commenced since the above Aruvalmooku scheme involves acquisition of private lands and obtaining right of way for the assigned lands to State Industries Promotion Corporation of Tamil Nadu (SIPCOT) and Nagarjuna Oil Corporation as well as Environmental clearance.

4. Since, the scope of this work is to divert the excess flood water of Lower Paravanar River from Aruvalmooku location into Sea involving many components like excavation of short cut canal in coastal area, cross regulator for diversion of excess water from Paravanar river and tail end regulator for the proposed canal to arrest sea water intrusion, a technical expert team comprising senior level officials of Water Resources Department inspected the work site on 21.11.2019 for finalizing the components required for the work based on the field conditions.

5. After incorporating all the components recommended by the technical expert team and based on the designs furnished by the Superintending Engineer, Design Circle, PWD/WRD., the Revised Estimate has been prepared by the Chief Engineer, Water Resources Department, Chennai Region and the cost of the Revised Estimate works out to Rs.6929.00 Lakhs. In this connection, a meeting was convened by the Chairman and Managing Director, Tamil Nadu Water Resources Conservation and River Restoration Corporation in his Chamber in the Secretariat on 31.12.2019, to discuss in detail about the provisions made in the Revised Estimate and the possibility of reducing the total cost by incorporating the components which are essentially needed to fulfil the scope of the work. After incorporating the decisions taken during the above meeting, the Revised Administrative Sanction (RAS) proposal has been placed before the Tender Award Committee.

6. While placing the Revised Administrative Sanction (RAS) proposal before the Tender Award committee, the Tender Award Committee observed that the execution of the work has not been taken up and even the agency for execution has also not been settled so far and hence the Committee decided to pursue this proposal as a new scheme work. In pursuance of decision taken by the Tender Award Committee, the Engineer-in-Chief, Water Resources Department has submitted the proposal and with a request to obtain Administrative and Financial Sanction from the Government for the above work of "Regrading the bed of Lower Paravanar and formation of a new flood diversion canal from Aruvalmooku stretch to sea in Kurinjipadi Taluk of Cuddalore District" for an amount of Rs.7992.40 Lakh" at 2022-23 Schedule of Rates (SoR) with approval of price escalation at 5% of the above cost for the Financial year 2023-24 vide letter dated: 13.04.2023.

7. The above proposal was returned to Engineer-in-Chief, Water Resources Department with a request to recast the estimate to current Schedule of Rates (SoR) and resubmit to obtain fresh Administrative and Financial sanction under State Disaster Mitigation Fund (SDMF) window. Accordingly, the Engineer-in-Chief, Water Resources Department re-casted the estimate to current Schedule of Rates (SoR) for an estimated cost of Rs. 8112.80 lakhs.

8. The Additional Chief Secretary/ Commissioner of Revenue Administration and State Relief Commissioner has therefore recommended the proposal for Administrative and Financial sanction for the work of "Regrading the bed of Lower Paravananar and formation of a new flood diversion canal from Aruvalmooku stretch to Sea in Kurinjipadi Taluk of Cuddalore District" at an estimated cost of Rs.8112.80 lakhs under State Disaster Mitigation Fund (SDMF) window of State Disaster Risk Management Fund (SDRMF).

9. The Government after careful examination of the proposal of the Additional Chief Secretary/ Commissioner of Revenue Administration and State Relief Commissioner and based on the approval of the State Executive Committee, Administrative and Financial sanction is hereby accorded for a sum of Rs.81,12,80,000/- (Rupees Eighty One Crore Twelve Lakh Eighty Thousand Only) under State Disaster Mitigation Fund (SDMF) window of State Disaster Risk Management Fund (SDRMF) to the Engineer-in-Chief & Chief Engineer (General), Water Resources Department for the work of "Regrading the bed of Lower Paravananar and formation of a new flood diversion canal from Aruvalmooku stretch to sea in Kurinjipadi Taluk of Cuddalore District".

10. The amount Sanctioned in para 9 above shall be debited to the following heads of account: -

"2245 Relief on Account of Natural Calamities 08 State Disaster Mitigation Fund - 101 Disaster Mitigation - State's Expenditure - AA - Assistance under State Disaster Mitigation Fund 309 Grants-in-Aid 09 others."

[IFHRMS DPC 2245 08 101-AA-30909].

11. Necessary additional funds of Rs.81,12,80,000/- will be provided in Revised Estimate/ Final Modified Appropriation 2023-2024. Pending provision of such funds, the Additional Chief Secretary/ Commissioner of Revenue Administration and State Relief Commissioner is authorized to draw and disburse the amount. This expenditure should be brought to the notice of Legislative Assembly by the way of Specific Inclusion in the Supplementary Estimates 2023-2024. The Additional Chief Secretary/ Commissioner of Revenue Administration and State Relief Commissioner is directed to include the expenditure sanctioned above, while sending the Budget Proposal for Revised Estimate/ Final Modified Appropriation 2023-2024 and also to send necessary Explanatory Notes to Finance (Revenue) Department for including the above expenditure in the Supplementary Estimates 2023-2024 without fail.

12. The Additional Chief Secretary/ Commissioner of Revenue Administration & State Relief Commissioner is the Estimating, Reconciling

and Controlling authority for the above said new Heads of account. The Pay and Accounts Officer/ Treasury Officer concerned are directed to open the above new Heads of Account in their books.

13. This order issues with the concurrence of Finance Department vide e-file No.14828/Finance (Revenue)/2023, dated:15.12.2023 and ASL No.1513 (One Thousand Five Hundred and Thirteen) (IFHRMS ASL No.2023121513).

(BY ORDER OF THE GOVERNOR)

V. RAJARAMAN
SECRETARY TO GOVERNMENT

To

The Additional Chief Secretary/ Commissioner of Revenue Administration and State Relief Commissioner, Chepauk, Chennai – 600 005.

The Director, Disaster Management,
Tamil Nadu Disaster Risk Reduction Agency,
Chepauk, Chennai -600 005.

The District Collector, Cuddalore District.

The District Treasury Officer, Cuddalore District.

The Engineer-in -Chief & Chief Engineer (General),
Water Resources Department, Chepauk, Chennai-5.

The Accountant General, Chennai – 600 018.

The Pay and Accounts Officer (East), Chennai - 600 008.

Copy to:

The Additional Chief Secretary to Government,
Water Resources Department, Secretariat, Chennai - 600009.

The Additional Chief Secretary to Government,
Highways and Minor Port Department, Secretariat, Chennai-600009.

The Additional Chief Secretary to Government,
Health and Family Welfare Department, Secretariat, Chennai-600009.

The Principal Secretary to Government,
Home, P & E Department, Secretariat, Chennai - 600009.

The Principal Secretary to Government,
Finance Department, Secretariat, Chennai-600009.

The Principal Secretary to Government,
Public Works Department, Secretariat, Chennai-600009.

The Principal Private Secretary to Chief Secretary to Government,
Secretariat, Chennai-600009.

The Private Secretary to Secretary to Government,
Revenue and Disaster Management Department,
Secretariat, Chennai - 600009.

The Finance (Revenue/BG-II/W&M-I) Department,
Secretariat, Chennai -600009.

The Revenue and Disaster Management [OP-III/ DM-III (2)] Department,
Secretariat, Chennai -600009.

The Chief Minister's Office, Secretariat, Chennai -600009.

The Special Personal Assistant to Hon'ble Minister for Revenue and
Disaster Management, Secretariat, Chennai - 600009.

S.F./S.C.

//FORWARDED BY ORDER//

செ.நி.ம.ப. அலுவலர்
20/12/23

SECTION OFFICER

68
20-12-23