



ABSTRACT

Water Resources Department – Renewal of the Spillway Vertical Gate Nos. 1, 2 & 3 of the Thunacadavu Dam in Chittur Taluk of Palghat District at a cost of Rs.8,03,57,000/- - Administrative Sanction accorded in anticipation of loan assistance form NABARD under RIDF XXVII for the year 2021-2022 – Orders issued.

Public Works (S1) Department

G.O (4D) No.68

Dated : 29.10.2021,
பிலவ, ஜப்பசி 12
திருவள்ளூர் ஆண்டு 2052

Read:

1. From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. B2 / Announcement 2020-21 / AE5 / OT2 / 2020, dated 17.12.2020.
2. Government Letter No. 2050 / Fin (ResII) / 2021-1, Finance Department, dated 18.02.2021.

ORDER:-

During the Budget Session 2020 - 2021, the then Hon'ble Chief Minister had announced on the floor of the Assembly on 18.03.2020 that "Repairs, Renovation, Modernization and Improvement Works to irrigation structures at 40 places in 15 Districts" will be taken up at an estimated amount of Rs.834.83 Crore.

2. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department in his letter first read above has sent a proposal for Renewal of the Spillway Vertical Gate Nos. 1, 2 & 3 of the Thunacadavu Dam in Chittur Taluk of Palghat District at an estimated cost of Rs.8.10 Crore with the following details:-

- a) The Thunacadavu and Peruvaripallam Reservoirs are balancing reservoirs. For flood discharge, spillway is available in Thunacadavu Reservoir only. The Thunacadavu Reservoir consists of 3 vents and lift gates of 28' x 15' having maximum total discharge of 16100 c/s. The top level of the lift gate is (+)1760 feet.
- b) As per the Interstate Agreement conditions, the Thunacadavu Reservoir level should be maintained at a minimum level of +1765' for power generation, which is 5' above the top of the lift gate. Power generation continues for a period of minimum of 11 months in a year. Hence, the lift gates are always in submerged condition. Only for a few days in a year, the gates are exposed to sunlight, which increases the oxidation.

- c) For more than the past 5 decades, the lift gates have been kept in submerged condition which has resulted in reduction of the thickness of the gate's skin plate & corrosion in bow truss and grooves. Therefore, renewal of the spillway gates becomes necessary. The spillway genset & hoisting motors for the spillway gates also need replacement due to continuous usage since their erection in 1967.
- d) The design & drawings will be vetted by the Chief Engineer, Operation & Maintenance, Water Resources Department, Chennai before proceeding to technical sanction of the estimate.
- e) The estimate cost works out to Rs. 8.10 Crore as per the schedule of rates for the year 2020-21.

3. The Chief Engineer, Plan Formulation, Water Resources Department has therefore requested to accord sanction for Renewal of the Spillway Vertical Gate Nos. 1, 2 & 3 of the Thunacadavu Dam in Chittur Taluk of Palghat District at an estimated cost of Rs.8.10 crore.

4. In the Government letter second read above, the proposal of the Chief Engineer, Plan Formulation, Water Resources Department has been forwarded to the NABARD for its loan assistance under RIDF XXVI for the year 2020-2021.

5. The Government after careful examination, have decided to accept the proposal of the Chief Engineer, Plan Formulation, Water Resources Department. Accordingly, sanction is accorded for Renewal of the Spillway Vertical Gate Nos. 1, 2 & 3 of the Thunacadavu Dam in Chittur Taluk of Palghat District at an estimated amount of Rs.8,03,57,000/- (Rupees Eight crore, three lakh and fifty seven thousand only), in anticipation of loan assistance from NABARD under RIDF XXVII for the year 2021-2022

6. The expenditure sanctioned in paragraph 5 above shall be debited under the following Head of Account:-

4702 – 00 – Capital Outlay on Minor Irrigation 101 – Surface Water – State's Expenditure – AH – Paramikulam Aliyar Basin – Dam and Appurtenant Works – NABARD Assistance 416 Major works 01 Major Works.

(IFHRMS 4702 – 00 – 101 – AH – 41601)

7. The expenditure sanctioned in para 5 above shall constitutes an item of **“New Instrument of Services”** and the approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be met by drawal of an advance from the Contingency Fund, Orders regarding which will be issued by Finance (BG-I) Department separately. The Engineer-in-Chief, Water Resources Department and Chief Engineer (General), Public Works Department, Chennai-5 is directed to send necessary proposals to Government in Finance (BG-I) Department directly in Form 'A' appended to the Tamil Nadu Contingency Fund Rules, 1963 with a copy of this order for sanction of an advance from the Contingency Fund. He is also directed to send necessary explanatory notes for inclusion of the above expenditure in the Supplementary Estimate 2021-2022 to Finance (BG-II/ PWII) Department at an appropriate time.

8. This order issues with the concurrence of the Finance Department vide its U.O.No. 40798 / PW-II / 2021, dated: 22.10.2021 and Additional Sanction Ledger No. 633 (Six Hundred and Thirty Three).

(BY ORDER OF THE GOVERNOR)

SANDEEP SAXENA
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To:

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

The Chief Engineer, Plan Formulation, Water Resources Department, Chennai-5.

The Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore-1.

The District Collector, Coimbatore District.

The Principal Accountant General (A&E / Audit-I / E&RSA), Chennai-18.

The Pay and Accounts Officer (East), Chennai – 8.

The District Treasury Officer, Coimbatore .

The Resident Audit Officer, Office of the Principal Accountant General
(General & Social Sector Audit), Secretariat, Chennai-9.

Copy to:

The Principal Secretary - II to Hon'ble Chief Minister, Secretariat, Chennai-9.

The Senior P.A to Minister(Water Resources), Secretariat, Chennai-9.

The Finance (PW.II/BG-I/BG-II /W.M-I)Department, Secretariat , Chennai-9.

The Public Works (OP-II/ I.Spl/ ISW) Department, Secretariat, Chennai -9

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// FORWARDED BY ORDER //

S. Manoj
29/10/2024

SECTION OFFICER

KDS
29/10/2024