



ABSTRACT

Water Resources Department – Announcement made by Hon'ble Minister for Water Resources for 2022-2023- Construction of new Regulator across Malattar Odai in Mullur Muthukumarapuram Village in Ottapidaram Taluk of Thoothukudi District at an estimated cost of Rs.4,25,11,000/- in anticipation of NABARD loan assistance under RIDF XXVIII for year 2022 – 2023 –Administrative and Financial Sanction accorded - Orders issued.

Water Resources (S2) Department

G.O. (Ms) No.96

Dated.30.11.2022

சுபகிருது, கார்த்திகை 14

திருவள்ளூர் ஆண்டு 2053

Read :

1. From the Chief Engineer, Plan Formulation, Water Resources Department Letter No. B / AE2/ AEE3 / Anno – 22-23 / 2022, dated: 11.08.2022.
2. Government Letter No.3304 / FS(P) / Fin (Res.II) / 2022, Finance Department, dated 08.10.2022.

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ORDER:

During the Demand for Grants for Water Resources Department for the year 2022-2023 held on 06.04.2022, the Hon'ble Minister for Water Resources on the floor of the Assembly has announced that "3 New Regulators will be constructed in Tenkasi, Thiruvallur and Thoothukudi Districts at an estimated cost of Rs.15.60 crore".

2. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal for construction of a new Regulator across Malattar Odai in Mullur Muthukumarapuram Village in Ottapidaram Taluk of Thoothukudi District at an estimated cost of Rs.4.29 Crore and the Scheme envisages the following :

- (i) While proposing the scheme for announcement, it was decided to construct a Regulator across Malattar Odai near Mullur Muthukumarapuram Village so as to maintain distribution of water to Main channel and branch channel during scarcity period.
- (ii) Kallar River which is also known as Malattar Odai originates and flows within Thoothukudi district. It receives water from Kurumalai, Nalatinputhoor and Therkuvandalam through streams. This Malattar River flows to a length of 25 km from West towards East and finally confluence with Eppodumvendran Reservoir. Kallar River branches into two courses near Mullur Muthukumarapuram Village. The Main River flows from North to South towards Kattabomman anicut which

is feeding to Vadaku kalmedu tank and Therku kalmedu tank. Branch river flows towards Veppalodai tank and Kulathoor south tank. During the North East Monsoon, due to heavy flood in the Kallar River, the branch river is silted and the main river bed is eroded.

- (iii) Due to lowering of bed level, the local Ayacutdars formed mud wall and a leading channel to the existing open offtake. Initially, the scheme was investigated below the offtake point, but the local people insisted to put up a regulator in the existing mud wall portion, where the river width is more so that more water can be stored. Accordingly, earlier the estimate was prepared for Rs. 8.07 crore.
- (iv) As per the instructions given by the Government, a suitable location was identified at a distance of 50 m downstream of the previous site to reduce the cost and a new proposal for "Construction of Regulator (Anicut) across Malattar Odai near Mullur Muthukumarapuram village of Ottapidaram Taluk in Thoothukudi District" has been prepared instead of regulator arrangements alone across the whole river width.
- (v) Hydraulic particulars of proposed Regulator
- | | | |
|-------------------------------|---|-----------------|
| Total yield available at site | - | 217.867 Mcft |
| Maximum Flood Discharge | - | 13000 cusecs |
| Length of the regulator | - | 38.70 m |
| Length of weir portion | - | 32.30 m |
| Discharge over weir | - | 12564 cusecs |
| No. of scour vents | - | 1 No. |
| Discharge through scour vents | - | 464 cusecs |
| Size of vents | - | 1.20m x 3.85 m |
| Size of shutters | - | 1.50 m x 1.00 m |
| Discharge through Head sluice | - | 112 cusecs |
| No. of vents in Head sluice | - | 1 No. |
| Size of vent | - | 2.70 m x 0.85 m |
- (vi) Total ayacut of Veppalodai and Kulathoor south tank under Branch Kallar River i.e. 93.145 Ha will be benefitted and stabilization of ayacut will be assured.
- (vii) Since the proposed Regulator site lies within the river and odai poramboke, no land acquisition is involved in this scheme.
- (viii) The Benefit Cost ratio works out to 1.67:1.

3. The Chief Engineer, Plan Formulation, Water Resources Department, has further stated that the estimate has been worked out to Rs.4.29 Crore instead of announced amount of Rs.3.10 Crore because of the following reasons.

- Estimate is prepared based on the approved Design & Drawings for the new location.
- Estimate is prepared for the schedule of rates for the year 2022-2023.
- GST at 18% is included in the estimate.

4. The Chief Engineer, Plan Formulation, Water Resources Department has requested to accord necessary Administrative Sanction for Construction of a new Regulator across Malattar Odai in Mullur Muthukumarapuram Village in Ottapidaram Taluk of Thoothukudi District at an estimated cost of Rs.4.29 crore.

5. In the letter second read above, the proposal of the Chief Engineer, Plan Formulation, Water Resources Department for the above Work have been forwarded to NABARD for loan assistance under RIDF XXVIII for the year 2022-2023 at a restricted cost of Rs. 4,25,11,000/-.

6. Accordingly, the Government hereby accord Administrative sanction for construction of a new Regulator across Malattar Odai in Mullur Muthukumarapuram Village in Ottapidaram Taluk of Thoothukudi District at an estimated cost of Rs.4,25,11,000/- (Rupees Four crore, twenty five lakh and eleven thousand only) under NABARD loan assistance (RIDF XXVIII) for 2022 - 2023 as follows:

Sl. No.	Description	Sanctioned amount (in Rupees)
1	Construction of Regulator	3,52,19,395
2	GST at 18%	63,39,491
3	Provision for P.S.Charges, Contingencies and unforeseen items	5,00,000
4	Provision for Advertisement Charges	1,00,000
5	Provision for Labour Welfare Fund	3,52,193
	Grand Total	4,25,11,079 Rounded to 4,25,11,000

Out of Rs.4,25,11,000/-, Financial Sanction is accorded for a sum of Rs.10,00,000/- (Rupees Ten lakh only) in the current financial year 2022 – 2023 and the balance amount will be released based on progress of the work in the subsequent financial year.

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

4701 – Capital Outlay on Medium Irrigation -
01 – Thamiraparani Basin – 800 Other Expenditure –
State's Expenditure – DB – Weir NABARD Assistance -
416 Major works - 01 Major works.

(IFHRMS DPC:4701-01-800-DB-41601)

8. The expenditure sanctioned in para 6 above shall constitute an item of "New Instrument of Service" 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. The Engineer-In-Chief and Chief Engineer (General), Water Resources 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 along with copy of this order for sanction of an advance from the Contingency

Fund, orders regarding which will be issued by Finance (BG-I) Department separately. He is also directed to send necessary explanatory notes for inclusion of the above expenditure in Supplementary Estimate 2022 - 2023 to Finance (PW-II / BG-I) Department at an appropriate time without fail.

9. The Engineers concerned are directed to upload the details of works executed in the Tamil Nadu Water Resources Information and Management Systems Portal under control of Chief Engineer, Institute of Water Studies, Hydrology and Quality Control to ensure effective data base in the Water Resources Department.

10. This order issues with the concurrence of Finance Department vide its U.O. No.51166/PW-II/2022, dated.29.11.2022 and Additional Sanction Ledger No.1910 (One thousand nine hundred and ten) (IFHRMS ASL No.2022111910).

(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, Madurai Region, Madurai.

The Chief Engineer, Institute of Water Studies, Hydrology and Quality Control, Taramani, Chennai-113.

The District Collector, Thoothukudi.

The District Treasury Officer, Thoothukudi.

The Chief General Manager, NABARD, 48, Mahatma Gandhi Road, Post Box No.6074, Nungambakkam, Chennai-34.

The Pay and Accounts Officer, Madurai.

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

The Principal Accountant General (A&E), Chennai-18.

The Principal Accountant General, (Economic and Revenue Sector Audit), Chennai-18.

The Resident Audit Officer, Secretariat, Chennai-9.

Copy to:

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

The Special Personal Assistant to Hon'ble Minister (Water Resources), Secretariat, Chennai-9.

The Finance (P.W.II / B.G.I / BG II / Res.II / W&M-I) Department, Secretariat, Chennai-9.

The Water Resources (OP-II / ISpl.I) Department, Secretariat, Chennai-9.

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// Forwarded by Order //

S. Manikand
30.11.2022
Section Officer.
30/11/2022