



## **ABSTRACT**

Water Resources Department – Announcement made by the Hon'ble Minister for Water Resources for 2022 – 2023 - Construction of 2 New Regulators in Tenkasi and Thiruvallur Districts at an estimated cost of Rs.10.7427 Crore under NABARD Loan Assistance - Administrative and Financial Sanction accorded - Orders issued

### **Water Resources (S2) Department**

**G.O (Ms) No.52**

**Dated 28.06.2022**

சுபகிருது, ஆணி 14

திருவள்ளூர் ஆண்டு 2053

Read:

1. From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. B / AE3/ AEE3/ Anno – 22-23 / 2022, dated.12.04.2022.
2. Government Letter No.1453 / FS(P) / Fin (Res.II)/2022, Finance Department, dated.11.05.2022

\* \* \*

### **ORDER:**

During the Demand for Grants for Water Resources Department for the year 2022-2023 held on 06.04.2022, the Hon'ble Minister (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 2 New Regulators in Tenkasi and Thiruvallur Districts at an estimated cost of Rs.12.50 crore and the Schemes envisage the following:

A. Construction of Regulator cum Dividing Dam across Valamalaiyar River to feed Ilanthaikulam, Pattakulam and its lower down tanks in MelaPuliyankudi Village of Kadayanallur Taluk in Tenkasi district at an estimated cost of Rs.2.50 Crore

- (i) The Proposed Regulator cum Dividing Dam is proposed to be constructed across Valamalaiyar River to feed Ilanthaikulam,

Pattakulam and its lower down tanks in MelaPuliyankudi Village of Kadayanallur Taluk in Tenkasi district and the site is located at latitude of 9° 12' 79" N and longitude of 77° 22' 14" E. The proposed Regulator lies in the Vaippar Basin and Nichabanadhi Sub basin.

- (ii) The Valamalaiyar River originates in eastern slope of Western Ghats at an altitude of 1560 M above MSL near Mela Puliyankudi Village in Kadayanallur Taluk of Tenkasi District. The Valamalaiyar River after feeding a number of tanks through various supply channels, empties into Malayadikurichi Periyakulam.
- (iii) The Valamalayar System has four open offtakes to feed water to tanks. The third open offtake on the right side of river feeds 25 tanks namely Ilanthaikulam, Pattakulam & its lower down tanks and on the left side, the fourth offtake feeds only 2 tanks, namely, Ariyamannarkulam and Kanjirapathy Tank.
- (iv) Since the bed level of Ariyamannarkulam supply channel is lower than the bed level of Ilanthaikulam supply channel, the farmers of Ilanthaikulam and its lower down tanks are forming crossbunds using sand bags and mudkorambu to divert water to their channel. This leads to dispute and law and order problem arises.
- (v) Hence it is necessary to construct a Regulator cum Dividing Dam across Valamalaiyar River at the third open offtake to supply required and equitable water share quantity to 2 tanks in left arm and 25 tanks in the right arm.
- (vi) Hydraulic particulars of proposed Regulator
  - Maximum Flood Discharge - 3896 Cusecs
  - Ariyamannar Channel portion vent - 1 No. size 2.00 m x 0.60 m
  - Ilanthaikulam Channel Portion vent - 1 No. size 2.00 m x 0.60 m
  - Height of Dividing Dam - 0.60 m
- (vii) By implementing this scheme, an ayacut of 1594 acres will get assured water supply.
- (viii) Since the proposed Regulator cum Dividing Dam site and water spread area lie within the River poromboke, no land acquisition is involved in this scheme.

B. Construction of Regulator across Sholinghar Branch Channel near Parabhayangarapuram Village in R.K. Pet Taluk on Thiruvallur District at an estimated cost of Rs.10.00 Crore

- (i) The Ponnai anicut is located across the Ponnai River in Ponnai Village. The East Main Canal offtakes from Ponnai Anicut to feed tanks in Ranipet and Tiruvallur Districts. At LS 13.07 km of the East Main Canal, Sholinghar branch channel offtakes and runs for a length of 12.73 km and then empties into Sholinghar tank.
- (ii) The main objective of the Regulator is to regulate supply to Misrakandapuram Tank and Chanurmallavaram Union Tank, besides storing some water between the proposed Regulator and offtake point.
- (iii) At present, the water level in the wells existing in that area were found to be very low. Due to this, drinking water scarcity prevails and agricultural activities are affected.

- (iv) Hydraulic particulars of proposed Regulator
- |                         |                 |
|-------------------------|-----------------|
| Length of Regulator     | - 35 m          |
| No. of vents            | - 12 Nos.       |
| Size of vent            | - 2.00 x 1.65 m |
| Storage capacity        | - 5.00 Mcft     |
| Maximum Flood Discharge | - 7500 cusecs.  |

- (iv) By implementing this scheme, an indirect ayacut of Miskarandapuram tank of 48.54 Ha and Chanurmallavaram union tank ayacut of 31.80 Ha will get benefitted. Ground water potential will be increased through the recharging wells lying in and around Parabhayangarapuram and surrounding villages by way of percolation. The surplus water will be let into the supply channel to feed Sholinghar tank.

3. The Chief Engineer, Plan Formulation, Water Resources Department, has stated that the estimates have been prepared based on the Schedule of Rates for 2021- 2022 and mandatory lump sum provisions have been made in the detailed estimates and requested to accord Administrative Sanction for Construction of 2 New Regulators in Tenkasi and Thiruvallur Districts at an estimated cost of Rs.12.50 Crore.

4. In the letter second read above, the proposal of the Chief Engineer, Plan Formulation, Water Resources Department for the above Regulators have been forwarded to NABARD for loan assistance under

RIDF XXVIII for the year 2022-2023 at a restricted cost of Rs.10.7427 Crore.

5. The Government after careful examination, have decided to accept the above proposal of the Chief Engineer, Plan Formulation, Water Resources Department by restricting the cost of the works to Rs.10,74,27,000/- in anticipation of loan assistance from NABARD. Accordingly, Administrative and Financial sanction is accorded for construction of 2 New Regulators in Tenkasi and Thiruvallur Districts at an estimated cost of Rs.10,74,27,000/- (Rupees Ten crore seventy four lakh and twenty seven thousand only) in anticipation of loan assistance from NABARD under RIDF XXVIII for the year 2022-2023 as detailed below :

Sl No.	Name of work	Amount sanctioned in (Rupees in Crore)
1.	Construction of Regulator cum Dividing Dam across Valamalaiyar River to feed Ilanthaikulam, Pattakulam and its lower down tanks in MelaPuliyankudi Village of Kadayanallur Taluk in Tenkasi District.	2.2788
2.	Construction of Regulator across Sholinghar Branch Channel near Parabhayangarapuram Village in R.K. Pet Taluk in Thiruvallur District.	8.4639
	<b>Total</b>	<b>10.7427</b>

6. The expenditure sanctioned in para 5 above shall be debited to the following head of account:-

4701 - Capital Outlay on Medium Irrigation -  
03 - Vaippar Basin - 800 - Other Expenditure -  
State's Expenditure - EB Water Courses -  
NABARD Assistance - 416 - Major Works -  
01 Major Work.

(IFHRMS DPC 4701-03-800-EB-416-01) - Sl.No.1 - Rs.2,27,88,000/-

4700 - Capital Outlay on Major Irrigation -  
03 - Palar Basin - 800 - Other Expenditure -  
State's Expenditure - EB Water Courses -  
NABARD Assistance - 416 - Major Works -  
01 Major Work.

(IFHRMS DPC 4700-03-800-EB-416-01)- Sl. No.2 - Rs.8,46,39,000/-

7. The expenditure sanctioned in para 5 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 the Supplementary Estimate 2022 - 2023 to Finance (PW-II / BG-I) Department at an appropriate time.

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

9. This order issues with the concurrence of Finance Department vide its U.O. No.28777/PW-II/2022, dated 25.06.2022 and Additional Sanction Ledger No.473 (Four hundred and seventy 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, Madurai Region, Madurai.

The Chief Engineer, Water Resources Department, Chennai Region, Chennai-5.

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

The District Collector, Tenkasi.

The District Collector, Thiruvallur.

The District Treasury Officer, Tenkasi.

The District Treasury Officer, Thiruvallur.

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/ W&M-I / Res-II) Department,  
Secretariat, Chennai-9.

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

**// Forwarded by Order //**

*[Handwritten Signature]*  
20/06/2022  
**Section Officer**  
*[Handwritten Signature]*  
20/06/2022