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ABSTRACT

Water Resources Department - Announcement for 2021-2022 made by the Hon'ble Minister for Water Resources - Construction of a New Tail end Regulator across the Devanathi Channel (Uppanar Drain) in Jaganathapuram Village of Nagapattinam Taluk and District at an estimated cost of Rs.18,60,73,216/- - Sanction accorded - Orders issued.

Adm
21/3/2022

Adman

Water Resources (S2) Department

G.O. (4D) No.13

Dated 01.03.2022

பிலை, மாசி 17,

திருவள்ளூர் ஆண்டு 2053

Read :

- AFI
- 1 From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. F2 / Ann 2021-2022/ Tail end regulator / AE6 / AEE 5, Dated.30.09.2021
 - 2 Government Letter No.45909/ Fin(Res-II)/ 2021-1, Finance Department, dated 28.11.2021.

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ORDER:

During the Demand for Grants for Water Resources Department for the year 2021-2022 held on 23.8.2021, the Hon'ble Minister for Water Resources on the floor of the Assembly has announced that 190 Check Dams, 4 Subsurface dykes, 6 Barrages, 2 Tail end Regulators and 12 Anicuts will be constructed in the current year.

2. Based on the above announcement, in the letter first read above, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal for Construction of a New Tail end Regulator across the Devanathi Channel (Uppanar Drain) in Jaganathapuram Village of Nagapattinam Taluk and District at an estimated cost of Rs.19.50 Crore. The proposal envisages the following:

- (a) The Vettar River off takes from the Vennar at VVR head regulator in Thenperambur Village of Thanjavur Taluk in Thanjavur District.
- (b) The Devanathi Channel ("A" Class channel) off takes at L.S 85/7-0 from the RB of Vettar River just above the Odacherry Tail end regulator and it runs to a length of 22.40 Km and finally infalls into the LB of Odambogiyar River. It irrigates an extent of about 4521 acres of ayacut.
- (c) The Devanathi Channel acts as a drainage carrier for its own ayacut of 4521 acres and also gives drainage facilities to the ayacut of 4697 acres under "A" Class channel of Odambogiyar

River. From LS 20.10 Km to 22.40 Km, the Devanathi Channel is named as Uppanar Drain.

- (d) In this channel there is an existing Tail end regulator at LS 17.20 km in Sellur Village. 31 nos. of drains infall into this Devanathi Channel below this existing Tail end regulator.
- (e) During the time of high tide, the sea waves rise up to a height of +0.70m causing intrusion of sea water up to the existing Tail end regulator. Also due to flat terrain in the delta areas, the sea water intrudes into the agricultural land in the surrounding villages through these drains. This phenomenon causes deposition of salt and infertility of the soil. The ground water in these areas has also become saline and affects the agricultural activities.
- (f) Based on the frequent representations from the farmers in the surrounding villages, a New tail regulator has been proposed across the Devanathi Channel at LS 20.20 Km in Jaganathapuram Village of Nagapattinam Taluk in Nagapattinam District below the existing Tail end regulator to reclaim their agricultural land which is their livelihood.
- (g) The Latitude and Longitude of the proposed regulator are $10^{\circ}46'7.7''N$ and $79^{\circ}49'54.79''E$ respectively.
- (h) By implementing this scheme 1.853 Mcft of fresh water can be stored on the upstream side of the proposed regulator and an extent of 9,218 acres of ayacut will be benefitted, through recharging of fresh ground water and reclamation of salinity of the soil.
- (i) The Voimedu Weir is located at the left side of the Valavanar Tail end regulator in Voimedu Village of Vedharanyam Taluk in Nagapattinam District. This Weir is very old and is in dilapidated condition. Due to climatic changes, the sea water enters into the drain and affects the fertility of the nearby agricultural land
- (j) The farmers and the public have requested to construct a Tail end regulator at this place to prevent sea water intrusion. By implementing this scheme 12 Mcft of fresh water can be stored on the upstream side of the regulator, which can be used for livestock besides recharging ground water.
- (k) The following components are made in this estimate.
 - i. Construction of New Tail end regulator across Devanathi Channel.
 - ii. Reconstruction of drainage inlet (single vent) – 3 No's.
 - iii. Reconstruction of drainage inlet (Double vent) – 2 No's.
 - iv. Providing Revetment using CC Blocks on upstream and downstream of regulator.
 - v. Construction of new regulator across Voimedu Drain.
 - vi. Strengthening of flood bank on upstream and downstream of regulator.

- (I) The detailed estimate has been prepared as per the schedule of rates for the year 2021-2022, which works out to Rs. 19.50 crore.

3. The Chief Engineer, Plan Formulation, Water Resources Department has requested to accord administrative sanction for Construction of a New Tail end Regulator across the Devanathi Channel (Uppanar Drain) in Jaganathapuram Village of Nagapattinam Taluk and District at an estimated cost of Rs.19.50 Crore

4. In the letter second read above, the proposal of the Chief Engineer, Plan Formulation, Water Resources Department for the above work has been forwarded to NABARD for loan assistance under RIDF XXVII for the year 2021-2022 at an estimated cost of Rs.18,60,73,216/-.

5. The Government, after careful examination, have decided to accord sanction for the proposal of the Chief Engineer, Plan Formulation, Water Resources Department, restricting the cost of the Works to Rs.18,60,73,216/- in anticipation of loan assistance from NABARD under RIDF. Accordingly administrative sanction is accorded for Construction of a New Tail end Regulator across the Devanathi Channel (Uppanar Drain) in Jaganathapuram Village of Nagapattinam Taluk and District at an estimated cost of Rs.18,60,73,216/- (Rupees Eighteen Crore, sixty lakh, seventy three thousand, two hundred and sixteen only) in anticipation of NABARD loan assistance under RIDF XXVII for 2021 - 2022 as follows :-

Sl. No	Description	Sanctioned Amount in Rupees
1.	Civil Works	16,07,56,032
2.	GST	1,92,90,724
3.	Provision for Advertisement Charges and Photographic Charges	4,00,000
4.	Provision for Price Adjustment	16,07,560
5.	Provision for Labour Welfare Fund @ 1.00 % of Total estimate cost	16,07,560
6.	Provision for Petty Supervision Charges and Contingencies	24,11,340
	Total	18,60,73,216

6. The expenditure sanctioned in para 5 above shall be debited to the following head of account:- (40-01)

4700 - Capital Outlay on Major Irrigation -
01 - Cauvery Basin - 800 - Other Expenditure -
State's Expenditure - DB - Weir - NABARD Assistance -
416 Major works - 01 Major works.
(IFHRMS DPC:4700 - 01 - 800 - DB - 416 - 01)

7. The expenditure sanctioned in para 4 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 2021 - 2022 to Finance (PW-II / BG-I) Department at an appropriate time.

8. This order issues with the concurrence of Finance Department vide its U.O. No.8683/PW-II/2022, dated 28.02.2022 and Additional Sanction Ledger No.1701 (One thousand seven hundred and one)

(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, Trichy Region, Trichy-20.

The District Collector, Nagapattinam.

The District Treasury Officer, Nagapattinam.

The Chief General Manager, NABARD, 48, Mahatma Gandhi Road, Nungambakkam, Chennai -34.

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, O/o. Principal Accountant General (General and Social Sector Audit), Secretariat, Chennai-9.

Copy to

The Secretary-II to 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 / II / Res.II / W&M-I) Department, Chennai-9.

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

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// Forwarded by Order //

S. Manickam
Section Officer
12/02/22