



ABSTRACT

Water Resources Department – Announcement made by the Hon'ble Minister for Water Resources for 2022-2023- Environment Impact Assessment Study and Preparation of Detailed Estimate for excavation of new flood carrier canal each in Tirunelveli and Thoothukudi Districts at an estimated cost of Rs.1.60 crore - Administrative and Financial Sanction accorded - Orders issued

Water Resources (S2) Department

G.O (Ms) No.43

Dated 21.06.2022

சுபகிருது, ஆனி 7

திருவள்ளூர் ஆண்டு 2053

Read:

From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. B/0604/AE3/ AEE3/ Canal/ Anno 22-23/ 2022, dated 20.04.2022.

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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 (Water Resources) on the floor of the Assembly has announced that "Environment Impact Assessment Study and Preparation of Detailed Estimate for excavation of new flood carrier canal each in Tirunelveli and Thoothukudi Districts will be carried out at an estimated cost of Rs.1.60 crore."

2. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal for Environment Impact Assessment Study and Preparation of Detailed Project Report for excavation of new flood carrier each in Tirunelveli and Thoothukudi Districts at an estimated cost of Rs.1.60 crore and the Schemes envisage the following:

A. Preparation of the Detailed Project Report, Environment Impact Assessment studies and its clearance for Construction of a Diversion weir across Nambiyar river and Excavating a new canal to divert the flood water to Kuttam and surrounding areas in Thisaiyanvilai Taluk of Tirunelveli District - Estimate amount of Rs.245.00 Lakh

- (i) The Nambiyar river originates in the eastern slope of Western Ghats at an altitude of about 1500m above MSL in Nambi hills

located in Thirukurungudi Village of Nanguneri Taluk. This river traverses a length of 45 Km and ends at the Gulf of Mannar near Thiruvambalapuram Village of Radhapuram Taluk in Tirunelveli District. The last Anicut of Nambiyar river is the Pulimankulam Anicut. During flood season, the surplus of Pulimankulam Anicut is discharged into sea as unutilized. The people of the Karaisuthupudur, Mudumothanmozhi, Karaisuthu Uvari, Kuttam Villages have represented to divert the flood water of Nambiyar river to drought prone area of Kuttam and the surrounding area. Based on the representation, it is proposed to divert the surplus water by constructing a Diversion weir downstream of Pulimankulam Anicut and excavating a flood carrier canal for a length of 21 Km. The tentative cost of the estimate works out to Rs.265.00 crore based on the prefeasibility study adopting Schedule of rates for the year 2021-2022.

- (ii) To get financial assistance from external funding agency for major schemes like Reservoirs, canals etc., Preparation of Detailed Project Report, Environmental Impact Assessment Study and clearances are required.
- (iii) As the project involves huge data collection and needs special expertise, it is necessary to engage a Consultant for preparation of Detailed Project Report and Environmental Clearance.
- (iv) M/s.WAPCOS Limited has been requested to submit a quotation for preparation of Detailed Project Report, Environment Impact Assessment Studies report and clearances for the work of "Construction of diversion weir across Nambiyar river and excavating a new canal to divert flood water to Kuttam and surrounding area in Tisaiyanvilai Taluk in Tirunelveli District".
- (v) The cost for preparation of Detailed Project Report and Environmental Impact Assessment Study and clearance charges works out as Rs.245.00 Lakh based on the quotation received from M/s.WAPCOS Limited.

DPR Component

- (i) The time period for Detailed Project Report preparation, Environmental Impact Assessment Study and final report submission will be 6 months. The time period for obtaining Environmental Impact Assessment clearance will be 3 months.
- (ii) The consultancy fee for preparation of Detailed Project Report shall be Rs. 0.6% of the tentative project cost plus GST @ 18%.

- (iii) The actual difference of consultancy fee based on the approved Detailed Project Report cost (i.e). 0.6% of final approved Detailed Project Report cost less actually paid consultancy fee of Rs.1.59 crore plus GST @18% shall be paid along with the final bill.
- (iv) As per the Government of India statutory levy, GST shall be charged over and above the consultancy Fees, indicated above, which is presently @ 18%.

Environmental Impact Assessment Study and Necessary Clearances from Statutory Authorities

- (i) The consultancy fee for undertaking Environmental Impact Assessment Study and obtaining necessary clearances from Statutory Authorities shall be Rs.40.00 lakh plus prevailing GST @ 18%.

B. Preparation of the Detailed Project Report, Environmental Management Plan Study for Formation of New Channel from Sadayaneri Tank via Koozhai Aru to feed Eight Tanks upto Therikundankarai in Tiruchendur Taluk of Thoothukudi District - Estimate amount of Rs.15.00 Lakh

- (i) Sadayaneri Tank is an Anicut System Tank. It receives supply from Sadayaneri Anicut constructed across Karumeniyar and also receives supply through Maruthoor Melakkal when Srivaikundam Anicut surpluses. Then, the surplus of Sadayaneri Tank goes to Thangaikulam Tank in Tiruchendur Taluk.
- (ii) It is proposed to divert 30 cusecs for 5 days by forming a New Channel from Sadayaneri Tank Weir when Sadayaneri Tank surpluses and by this scheme, total quantity of 11.84 Mcft of water will be supplied to eight ponds in Manadu Thandupatthu, Chettiyapatthu and Paramankurichi Villages in Tiruchendur Taluk.
- (iii) The portion of Manadu Thandupatthu and areas around Tiruchendur Taluk of Thoothukudi District is often affected by severe drought due to poor annual rainfall. Also the ground water is very poor.
- (iv) The ground water level in Manadu Thandupatthu, Chettiyapatthu and Paramankurichi Villages in Tiruchendur Taluk, is depleting and also quality of water has become saline, since these Villages are situated about 4 km from the coast of Bay of Bengal.

- (v) Hence, the local public and Vivasayam Kappom Sangam have approached and represented before the Hon'ble Minister for Fisheries, Fishermen Welfare and Animal Husbandry, the Collector, Thoothukudi District, the Chief Engineer, Madurai Region, the Superintending Engineer, Thamiraparani Basin Circle, Tirunelveli and other Water Resources Department Officials for formation of new Channel from Sadayaneri Tank via., Koozhai Aru to feed eight Ponds in Manadu Thandupatthu, Chettiyapatthu and Paramankurichi Villages in Tiruchendur Taluk.
- (vi) By implementing this scheme, it is expected that 121 Ha will get assured supply and the long pending need of the people from drought prone area of Manadu Thandupatthu, Chettiyapatthu and Paramankurichi in Tiruchendur Taluk of Thoothukudi District will get fulfilled. Also the living conditions of the people of this area will improve. After execution of this scheme, it is expected that the ground water level in this area will rise and water quality will improve considerably and increase the food production.
- (vii) Since the beneficiary ayacut by formation of this new Tank is less than 2000 Ha, instead of Environmental Impact Assessment Study, Environmental Management Plan Study is enough.
- (viii) The tentative cost of the project is only Rs.5.00 crore and the Detailed Project Report will be prepared by the Water Resources Department.
- (ix) For preparation of Detailed Project Report, the following provisions are made in the estimate.
 - a. Surveying and leveling operation, Geo technical investigations, Designing, Collection of Hydrological data, estimate preparation etc.
 - b. Environmental Management Plan Study.

3. The Chief Engineer, Plan Formulation, Water Resources Department has further stated that the estimates have been prepared based on the Schedule of Rates for 2021 - 2022 and requested for Administrative Sanction for the excavation of new flood carrier canal each in Tirunelveli and Thoothukudi Districts at an estimated cost of Rs.2.60 crore.

4. The Government, after careful examination, have decided to accept the above proposal of the Chief Engineer, Plan Formulation, Water Resources Department, at a restricted cost to Rs.1,60,00,000/-. Accordingly, administrative sanction is accorded for Environment Impact Study and Preparation of Detailed Estimate for excavation of new flood

carrier canal each in Tirunelveli and Thoothukudi Districts at an estimated cost of Rs.1,60,00,000/- (Rupees One Crore and sixty lakh only), subject to terms and conditions that the approved rate shall be only a reference rate and the true price discovery should be done and the selection of consultancy should be based on procurement guidelines.

5. The expenditure sanctioned in para 4 above shall be debited to the following head of account:-

2701 - Medium Irrigation - 80 - General -
001 - Direction and Administration - State's Expenditure
- JI - Investigation of Projects on Surveying and Levelling
Operations etc., - 317 Minor Works - 01 Minor Works.

(IFHRMS DPC 2701 - 80 - 001 - JI - 31701)

6. The Chief Engineer, Plan Formulation, Water Resources Department, Chennai is directed to take necessary action to carry out EIA Study and obtain statutory clearances for the Works as ordered in para 4 above and prepare Detailed Project Report and send to the Government for further consideration.

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 2022 - 2023 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.29153/PW-II/2022, dated 20.06.2022 and Additional Sanction Ledger No.425 (Four hundred and twenty five)

(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 Collector, Tirunelveli.

The Treasury Officers, Thoothukudi / Tirunelveli.

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

The Pay and Accounts Officer, Madurai.

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

The Principal Accountant General, O/o. 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), Chennai-9.

The Finance (P.W.II / B.G.I / BG 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 //

P. Mani-lead
21/06/2011
Section Officer