



## **ABSTRACT**

Water Resources Department – Announcement made by Hon'ble Minister (Water Resources) for 2021 – 2022 – Conducting Surveying and Levelling Operations for 5 Schemes in Chennai, Madurai and Coimbatore Regions at an estimated cost of Rs.1.66 crore – Sanction accorded – Orders issued.

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### **Water Resources (S1) Department**

**G.O. (2D) No.16**

**Dated 04.03.2022**

பிலை, மாசி 20

திருவள்ளூர் ஆண்டு 2053

Read :

From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No.B4 / Announcement 2021 – 22 / Investigation works / AE 5 / OT4 / 2021, dated 30.09.2021 and 22.12.2021.

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### **ORDER:**

During the Water Resources Department's Demand for Grants for the year 2021 - 2022 held on 23.08.2021, the Hon'ble Minister (Water Resources) has made an announcement that "Based on the types of rehabilitation works for irrigation structures and for new major schemes mentioned in the "Vision Document for a New Dawn" for State and District level programme to find out feasibility of Major schemes for irrigation and prepare estimates, detailed investigation will be carried out for 7 new schemes in this year".

2. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department has sent Estimates for conducting Surveying and Levelling Operations for 5 schemes as detailed below:-

- I. Surveying and Levelling Operation for the Work of Linking of the Pennaiyar River with Palar by diverting flood surplus water from the Pennaiyar River from the Nedungal Anicut to feed enroute

tanks in Krishnagiri and Tirupathur Districts at an estimated cost of Rs.96.00 Lakh

This Project is proposed to benefit 9850 ha of agricultural lands in Krishnagiri and Tirupathur Districts. The availability of surplus water theoretically at Nedungal anicut is around 1.308 TMC only. This theoretical availability of water needs to be checked with actual realization based on the requirements in the upper reaches and down below upto the tail end. Therefore, Hydrology Study needs to be examined / investigated in detail to ascertain the feasible quantity of diversion with maximum dependability.

II. Investigation Works for Dhonimaduvu Irrigation Scheme to improve the irrigation facilities of Bhavani and Anthiyur areas of Erode District at an estimated cost of Rs.5.00 Lakh.

The aim of the project is to divert the flood water from the Dhonimaduvupallam by constructing a Check Dam across the stream to feed the tanks and ponds of Kolathur, Anthiyur and Bhavani Taluks of Erode District through pipeline and by extending and deepening the existing trenches in the forest lands of Forest department. This jungle stream originates at the Ondanai Village of Thamarakarai reserved forest which flows towards northern direction, widens as Dhonimaduvupallam which confluences near Mudimalai with the Palar River, a tributary of River Cauvery. Since Dhonimaduvupallam is a jungle stream which flows in the reserved forest area, the rainfall records for the past 35 years could not be collected. Hence it is necessary to estimate the flood discharge at Dhonimaduvupallam by fixing a manual gauge plate for calculating actual yield.

III. Surveying & Levelling Operation and sub soil investigation to explore the technical feasibility for diverting surplus water from the River Cauvery to Thaadampalayam Eri, Aathupaalayam Anai, Velliyanai Eri, Jagathambikulam, Upidamangalam Eri and Veeraraakiyam Eri (by pumping) in Karur District during flooding occasions in the River Cauvery at an estimated cost of Rs.15.00 Lakh

It is proposed to find the feasibility to divert surplus water of the River Cauvery to Thaadampalayam Eri, Aathupaalayam Anai, Velliyanai Eri, Jagathambikulam, Upidamangalam Eri and Veeraraakiyam Eri (by pumping) in Karur District during flood time. The above tanks are located at different locations from the Cauvery River. FTL of all the above tanks are higher than the bed level of the River Cauvery. Hence, pumping through pipes along the possible route is the only way to divert the surplus of Cauvery water to the above tanks. It is proposed to find the technical feasibility by conducting necessary studies and investigation.

- IV. Surveying and Levelling Operation including sub soil investigation for the Scheme of diverting surplus flood water from the proposed barrage across the Thamiraparani River in Thiruvankatanathapuram Village of Palayamkottai Taluk in Tirunelveli District to the drought prone area of the Chittar System ayacut in Manur, Pallamadai and surrounding area to upgrade water deficit by pumping system through a new flood carrier canal at an estimated cost of Rs.40.00 Lakh

During the North East Monsoon the Thamiraparani River surpluses at the Srivaikundam Anicut for many days. The tanks in the Chittar Basin System near Manur, Pallamadai and surrounding areas are in drought prone area facing water deficit for cultivating single crop resulting in delay in irrigation activities and sometimes failure at end of the season. Hence it was proposed to divert the flood water from the proposed barrage across the Thamiraparani River in Thiruvankatanathapuram Village of Palayamkottai Taluk in Tirunelveli District to the Pallikottai Anicut across Chittar River. It is proposed to find the technical feasibility of the Scheme by conducting necessary studies and investigation.

- V. Detailed investigation for the Scheme of diverting surplus water from the Amaravathi River or Parambikulam Aliyar Project (PAP) to the Vattamalaikarai Odai Reservoir in Kangeyam Taluk of Tiruppur District at an estimated cost of Rs.10.00 Lakh

The Vattamalaikarai Reservoir exists across the Vattamalaikarai Odai at Uthamapalayam Village 10 Km away from Vellakovil in Kangeyam Taluk of Tiruppur District. The Vattamalaikarai Odai Reservoir irrigates 6040 acres of ayacut land in the Dharapuram Taluk. The total capacity of the Vattamalaikarai Odai is 268.04 Mcft. The reservoir has not received its expected yield from the catchment due to insufficient rainfall in the catchment and it is a necessity to go for another source to feed the Vattamalaikarai Odai and it is proposed to divert Amaravathy River Surplus water or PAP water to the Vattamalaikarai Odai Reservoir either by gravity or pumping. It is proposed to pump the surplus water of the Amaravathi River from the existing Salaithurai Check Dam to the Vattamalaikarai Odai reservoir.

3. The Chief Engineer has informed that all the above estimates have been prepared based on the Schedule of Rates for the year 2021- 2022 and quotations received from the reputed firms and therefore requested to accord Administrative Sanction for the above 5 Investigation Schemes in Chennai, Madurai and Coimbatore Regions at a cost of Rs.1.66 crore.

4. The Government after careful examination, have decided to accept the proposal of the Chief Engineer, Plan Formulation, Water Resources Department and accordingly sanction is accorded for the following 5 Investigation Schemes in Chennai, Madurai and Coimbatore

Regions at an estimated cost of Rs.1.66 crore (Rupees One crore and sixty six lakh only).

Sl. No.	Name of work	Estimate Rupees in crore
i.	Surveying and Levelling Operation for the Work of Linking of the Pennaiyar River with the Palar by diverting flood surplus water from the Pennaiyar River from the Nedungal Anicut to feed enroute tanks in Krishnagiri and Tirupathur Districts.	0.96
ii.	Investigation Works for the Dhonimaduvu Irrigation Scheme to improve the irrigation facilities of Bhavani and Anthiyur areas of Erode District.	0.05
iii.	Surveying & Levelling Operation and sub soil investigation to explore the technical feasibility for diverting surplus water from the River Cauvery to Thaadampalayam Eri, Aathupaalayam Anai, VelliyanaiEri, Jagathambikulam, Upidamangalam Eri and Veeraraakiyam Eri (by pumping) in Karur District during flooding occasions.	0.15
iv.	Surveying and Levelling Operation including sub soil investigation for the scheme of diverting surplus flood water from the proposed barrage across the Thamiraparani River in Thiruvankatanathapuram Village of Palayamkottai Taluk in Tirunelveli District to the drought prone areas of the Chittar System ayacut in Manur, Pallamadai and its surrounding area to upgrade water deficit by pumping system through a new flood carrier canal.	0.40
v.	Detailed investigation for the Scheme of diverting surplus water from the Amaravathi River or Parambikulam Aliyar Project (PAP) to the Vattamalaikarai Odai Reservoir in Kangeyam Taluk of Tiruppur District.	0.10
Total		1.66
(Rupees One crore and sixty six lakh only)		

5. The Chief Engineer, Plan Formulation, Water Resources Department, Chennai is directed to take necessary action to investigate

the above scheme as ordered in para 4 above and if feasible to send necessary proposal with Detailed Project Report to the Government for further consideration.

6. The expenditure sanction 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 - 317 Minor Works -  
01 Minor Works.

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

7. The expenditure sanctioned in para 4 above shall constitute 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 may be initially met by drawal of an advance from the Contingency Fund. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai is directed to calculate the actual amount required for the period upto next Supplementary Estimates and apply for sanction of the same as advance from the Contingency Fund to Finance (BG-I) Department directly in Form "A" appended to the Tamil Nadu Contingency Fund Rules, 1963 along with copy of this order. Orders for sanction of an advance from the Contingency Fund will be issued from Finance (BG-I) Department. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai is also directed to send necessary draft explanatory notes to include the above expenditure in the Supplementary Estimate for the year 2021-2022 to Finance (PW-II / BG-I) Department at an appropriate time without fail.

8. This order issues with the concurrence of the Finance Department vide its U.O. No.9241/PW-II/2022, dated 03.03.2022 and Additional Sanction Ledger No.1731 (One thousand Seven hundred and thirty 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, Chennai Region, Chennai-5.

The Chief Engineer, Water Resources Department, Madurai Region, Madurai-2.

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

The District Collectors, Krishnagiri / Tirupathur / Tirunelveli / Erode / Karur / Tiruppur .

The District Revenue Officers, Krishnagiri / Tirupathur / Tirunelveli / Erode / Karur / Tiruppur.

The Commissioner of Land Administration, Land Administration Department, Chennai-5.

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

The District Treasury Officers, Krishnagiri / Tirupathur / Tirunelveli / Erode / Karur / Tiruppur.

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 the Hon'ble Chief Minister, Secretariat, Chennai-9.

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

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

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

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**// Forwarded by Order //**

*Dalavani*  
04/03/2022  
**Section Officer**  
KPS  
04/03/2022