



ABSTRACT

Pandiyar – Punnampuzha Project – Preparation of Feasibility Report – Conducting Surveying and levelling – Estimate amount Rs.9.00 Lakh – Administrative and Financial Sanction – Orders – Issued.

Water Resources (ISW1) Department

G.O. (2D) No. 104

Dated 14.12.2021

பிலை வருடம் கார்த்திகை 28,
திருவள்ளூர் ஆண்டு 2052

Read:

1. G.O. (Ms.) No.155, Public Works (ISW1) Department, dated 17.10.2019.
2. From the Chief Engineer, PWD, Plan Formulation, Letter No. B4 / 1687 / PPS / 2020 / AE5 / OT5, dated 28.6.2021
3. From the Engineer in Chief & Chief Engineer (General), Water Resources Department, Letter No. S7(4) 49870/OT-3/2006, dated 28.09.2021.

ORDER:

In the letter 2nd read above, the Chief Engineer, Plan Formulation, Water Resources Department has stated that Pandiyar and Punnampuzha Rivers are the Tamil Nadu – Kerala inter-State tributaries of West flowing Chaliyar River, which originates from the Ilambalari hills near Naduvattam in Gudalur taluk of Nilgiris district in Tamil Nadu. The total catchment of Chaliyar river is 2923 Sq.km (1129 Sq.miles), out of which 388 Sq.km (149.88 Sq.miles) lies in Tamil Nadu and the rest of 2535 Sq.km (979.12 Sq.miles) lies in Kerala state. The annual water realization of Chaliyar River is 208 TMC ft., out of which 27.60 TMC ft. is realized in Tamil Nadu and rest 180.40 TMC ft. is realized in Kerala State. The total length of Chaliyar River is 189 km out of which the first 20 km runs in Tamil Nadu and the river enters into Kerala at Nilambur. It is proposed to divert a certain quantum of water of these rivers to Moyar River, which comes under Bhavani sub-basin of Cauvery Basin in

Tamil Nadu. If the Pandiyar – Punnampuzha scheme is implemented by the mutual consent between Tamil Nadu and Kerala States, then the inter basin sharing of water can be operated between Chaliyar Basin to Cauvery Basin.

2. The Chief Engineer, Plan Formulation, Water Resources Department has also stated that in order to bring the above proposal into implementation, during the Joint meeting of the Hon'ble Chief Minister of Tamil Nadu and Kerala, held on 25.09.2019 at Thiruvananthapuram, it was decided to constitute a Secretary Level Committee to continue the talks further. Accordingly the Secretary Level Committee of Tamil Nadu was constituted by the Government of Tamil Nadu in the Government Order first read above.

3. The Chief Engineer, Plan Formulation, Water Resources Department, has stated that since, the Chief Engineer, ISW, Kerala has requested to furnish the detailed investigation reports, detailed project report etc. pertaining to the revised project proposal of Pandiyar - Punnampuzha project for their evaluation, preliminary investigation works were carried out by Planning and Designs Division, Erode and various alternatives and feasibilities have been found.

4. The Chief Engineer, Plan Formulation, Water Resources Department has stated that in order to study the various feasibilities in a detailed manner for the preparation of Feasibility Report for the formation of Multipurpose Pandiyar – Punnampuzha Project, Surveying & Leveling Operations are to be carried out. He has stated that since, it involves Inter-State (Tamil Nadu and Kerala) issues, the levels of the off take points, inlet points, proposed location of the diversion structures are to be given precisely as far as possible and the Longitudinal sections and cross sections are to be taken in dense forest areas, which is not possible to use the ordinary surveying and leveling instruments. For the purpose, usage of total station and DGPS instruments along with DRONE becomes inevitable. GIS and remote sensing analysis are to be carried out to find out the suitable location for dam construction using SRTM data in five places by engaging GIS consultant. Rough cost estimate is to be prepared for fixing of Pump house and booster station along with the drawing of pumping station, pipe line design, special design for Horse power requirement for the Pump set, EB power requirement etc., for the proposed (i) Pandiyar- Punnampuzha dam to the river (ii) Pandiyar Punnampuzha proposed reservoir to Moyar river, by engaging TWAD Board as consultant.

5. The Chief Engineer, Plan Formulation, Water Resources Department, has now prepared and sent an estimate for the work of Surveying & Leveling Operations at a cost of Rs.9.00 lakh, in his letter second read above. He has also stated that Rs.9.00 Lakh is absolutely necessary in order to carry out all the above said works and requested Administrative sanction for the above work.

6. The Engineer-in-Chief & Chief Engineer (General), Water Resources Department in consultation with the Chairman, Cauvery Technical Cell-cum-Inter State Waters Wing has recommended the proposal and requested orders of the Government.

7. The Government after careful consideration, accepted the proposal of the Chief Engineer, Plan Formulation, Water Resources Department and accord administrative and financial sanction for the Work of conducting Surveying and Leveling for the preparation of Feasibility Report for the formation of Multipurpose Pandiyar - Punnampuzha Project (to divert the west flowing Pandiyar - Punnampuzha River water to east flowing Moyar River) in Gudalur and Pandalur taluks of Nilgiris District in Tamil Nadu at an estimated cost of Rs.9.00 Lakh (Rupees Nine Lakh only).

8. Necessary additional funds of Rs.9,00,000/- will be provided in RE/FMA 2021-2022. Pending provision of such funds, the Engineer-in-Chief and Chief Engineer (General), Water Resources Department Chennai is authorized to incur the expenditure sanctioned in para 7 above. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department is requested to include the above item of expenditure while sending the budget proposal for RE / FMA 2021-2022 to Finance (PW-II) Department without fail.

9. The amount sanctioned in para 7 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 DP. Code: 2701.80.001.JI 31701)

10. This order issued with the concurrence of the Finance Department, vide its U.O. No.11182/FSW-II/2021 dated 13.12.2021 with A.S.L. No. 1133 (One Thousand One Hundred and Thirty 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, Chepauk, Chennai - 5.

The Chief Engineer, Plan Formulation, Water Resources Department, Chepauk, Chennai - 5.

The Chairman, Cauvery Technical Cell-cum- Inter State Waters Wing, 406, Pantheon Road, Egmore, Chennai - 8.

The District Treasury officer, Erode District.

The Accountant General, (A&E / Audit - I), Teynampet, Chennai - 18.

The Resident Audit Officer, O/o the Principal Accountant General (General and Social Sector Audit), Tamil Nadu Secretariat, Chennai-600 009.

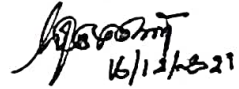
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The Finance (BG-I/II/PW-II/W&M-I) Department, Chennai - 9

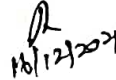
The Water Resources (I. Spl) Department, Chennai -9.

sf/sc.

// Forwarded / by Order //


16/12/2021

SECTION OFFICER.


16/12/2021