



ABSTRACT

Water Resources Department – Constitution of High Level Technical Committee to probe the design flaws in the original project to establish accountability for the Kattalai Barrage near Mayanur Village of Krishnarayapuram Taluk in Karur District – Additional extension of time upto 30.04.2023 – Permission granted - Orders issued

Water Resources (S2) Department

G.O(D)No.77

Dated.13.04.2023

சுபகிருது. பங்குனி 30

திருவள்ளூர் ஆண்டு 2054

Read again :

1. G.O (Ms) No.27, Public Works (N2) Department, dated 27.01.2021.
2. G.O (Ms) No.146, Public Works (N2) Department, dated 13.10.2021.
3. G.O (Rt) No.80, Water Resources (K1) Department, dated 28.02.2022.
4. G.O (D) No.176, Water Resources (S2) Department, dated 05.07.2022.
5. G.O (D) No.235, Water Resources (S2) Department, dated 06.09.2022.
6. From the Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore, Letter No.TS/AEEII / AE IV / Kattalai Barrage / 2021. dated 07.10.2022.

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ORDER:

The Kattalai Barrage in Mayanur Village, Karur District was constructed across the River Cauvery for diverting surplus water of the River Cauvery during the flood season by intra-linking of Cauvery-Vaigai-Gundar rivers. The storage capacity of this Barrage is 1.05 TMC. The five channels viz., Kattalai High Level Canal, New Kattalai High Level Canal, South Bank Canal, Krishnarayapuram Channel on the right side and the North Bank Canal on the left side of the River Cauvery irrigate an extent

of about 1,12,000 acres in Karur, Tiruchirapalli, Thanjavur and Pudukottai Districts. Heavy flood during the years 2015, 2018 and 2019 caused severe damages in the Kattalai Barrage.

2. In Government Order first read above, sanction was accorded for Rehabilitation of the components of the Kattalai Barrage near Mayanur Village of Krishnarayapuram Taluk in Karur District at an estimated cost of Rs.185.265 crore by availing loan assistance from NABARD under RIDF XXVI for the year 2020-2021. Further, the Engineer-in-Chief, Water Resources Department and Chief Engineer (General), Public Works Department, Chennai was requested to send necessary proposal for constitution of a High Level Technical Committee to probe the design flaws in the original project to establish accountability.

3. In Government Order second read above, the Government have constituted a High Level Technical Committee to probe the design flaws in the original project to establish accountability for the Kattalai Barrage near Mayanur Village of Krishnarayapuram Taluk in Karur District and submit the report within three months of approval of the High Level Technical Committee.

4. In Government Order third read above, the Government have granted additional extension of time for 3 months from 10.01.2022 for submission of the report for establishing accountability for the Kattalai Barrage near Mayanur Village of Krishnarayapuram Taluk in Karur District, after probing the design flaws in the original project.

5. In Government Orders fourth and fifth read above, the Government have granted additional extension of time from 10.04.2022 and 09.10.2022 for submission of the report for establishing accountability for the Kattalai Barrage near Mayanur Village of Krishnarayapuram Taluk in Karur District, after probing the design flaws in the original project and Committee was directed to submit the final report to the Government within time limit.

5. In the letter 6th read above, the Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore, has informed as follows:-

- a) Committee during the field inspection on 9.2.2022, 10.02.2022 has recommended to carry out,
 - i. Original design review from an academic institution like IIT.
 - ii. to obtain comprehensive hydraulic design which is critical in locating the sheet pile in the downstream of the structure and to arrive holistic solution.
 - iii. to carryout model study, Non Destructive testing, Geo Technical investigation, soil investigation

- b). However the recommendation of the committee were not complied by the field Engineers.
 - i. None of the field investigations have been carried out, which are very crucial for the committee to submit its final report.
 - ii. Inordinate delay has been made by the IIT Professor for the original design review and due consideration has not been given for the surface flow condition.
 - iii. Comprehensive hydraulic design has not been obtained from the third party IIT consultant. Rehabilitation works without comprehensive hydraulic design would ultimately result in repetition of works eventually leading to unnecessary waste of expenditure.
- c) Committee has conducted field inspection on 09.02.2022, 10.02.2022, virtual meetings on 08.03.2022, 23.09.2022 and 26.10.2022 to discuss about the original design review, review the progress in committee's recommendations and field activities.
- d) Subject to the outcome of the field investigation mentioned earlier and the original design review by the third party consultancy only, the Committee could arrive at its conclusion. Also, water regulation from Mettur was continued till January 28th 2023 and the flow would recede only in the Month of February 2023.
- e) Field investigation could be carried out only after the water flow recede. Provided that the original design review and comprehensive hydraulic design are obtained from the third party consultancy like IIT, the committee could come up with its final report.
- f) Hence an extension of time till 30.04.2023 may be granted by considering the above circumstances.

6. The Chairman / Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore has requested to grant extension of time upto 30.04.2023 for submission of the final report after probing the design flaws in the original project.

7. After careful examination, the Government hereby grant additional extension of time upto 30.04.2023 for submission of the final report on establishing accountability for the Kattalai Barrage near Mayanur Village of Krishnarayapuram Taluk in Karur District, after probing the design flaws in the original project.

8. The Chairman / Chief Engineer, Water Resources Department,

Coimbatore Region is directed to submit the final report of the Committee to the Government by 30.04.2023, positively. No further extension of time will be granted for submission of final report to the Government.

(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, Coimbatore Region, Coimbatore.

The Chief Engineer, Water Resources Department, Trichy Region, Trichy-20.

The District Collector, Karur.

Member of the committee through the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai-5.

Copy to :

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

Stock File / Spare Copy.

// Forwarded by Order //

S. Mani
19/04/2023
Section Officer
13/04/2023