



GOVERNMENT OF KERALA

Abstract

Water Resources Department- Inter State Water Cell- Constitution of Expert Technical Committee by the Chief Engineer, IDRB, for offering technical guidance for FFEWS for Periyar and FF&IROS for Pamba basins -Ratified-Sanction accorded- Orders issued.

WATER RESOURCES(INTER-STATE WATER CELL)DEPARTMENT
G.O.(Rt)No.908/2022/WRD Dated,Thiruvananthapuram, 10-10-2022

Read 1. Order No.HYD-AD3/1/2020-IDRB dated 22.06.2021 of the Chief Engineer, IDRB, Tvpam.

2. Letter No.HYD-AD3/6/2021-IDRB dated 13.07.2022 & 03.08.2022 of the Chief Engineer, IDRB, Tvpam.

ORDER

Flood Forecasting and Early Warning System (FFEWS) for Periyar River Basin is envisaged as a proposal for developing an application for Real Time Operation of Reservoirs integrated with Flood Forecasting & Early Warning System (FFEWS) for Periyar River Basin. The rationale for the project is to develop an end-to-end real time reservoir operation & flood forecasting system needed to generate and disseminate timely warning to act appropriately and to minimise the adverse impacts of flooding.

Integrated Reservoir Operations System (IROS) for Pamba river basin consists of development of a workable Forecasting system for Pamba and Operation of its Reservoirs in an integrated manner.

On account of the high technicalities of the project and since co-ordination or consensus of stakeholder departments of Kerala State Electricity Board and Kerala State Disaster Management Authority was necessarily required for Periyar FFEWS, as per the Order read as 1st paper above, an Expert Technical Committee was constituted by the Chief Engineer, IDRB, with the following members, to offer expert technical advice for streamlining the FFEWS project.

1.Dr. K. P. Sudheer, Ex. Officio Principal Secretary, Science & Technology Department & Executive Vice President, Kerala State Council for Science Technology & Environment.

2.Dr. Sekhar L. Kuriakose, Member Secretary, Kerala State Disaster Management Authority.

3.Sri. James Wilson, Assistant Executive Engineer & Member Expert Advisory Group, Kerala State Electricity Board Limited.

As per the letter read as 2nd above, the CE, IDRB has intimated that the first meeting of the said Expert Technical Committee was held on 25.06.2021 and ever since the aforesaid members have been offering their expert technical advice and guidance for streamlining the FFEWS project. Further, the Expert Technical Committee met on 28.07.2021, 29.09.2021, 13.12.2021 and 07.04.2022 to evaluate various stages/milestones of the project.

In this regard, the CE, IDRB proposed that since the 'Development of Flood Forecasting & Integrated Reservoir Operations System (FF&IROS) for Pamba basin is linked as the Disbursement Linked Indicator7 (DLI7) for WRD under Rebuild Kerala Program for Results (RKPfR), and development of such system is being undertaken by the IDRB officials, the aforesaid Expert Technical Committee shall also provide technical advice for rationalizing Pamba FF&IROS.

Accordingly, as per the Letter read above, the CE, IDRB has requested Government to accord sanction,

(i) for the constitution of the Expert Technical committee with retrospective effect from 25.06.2021, with the aforesaid members, for offering technical guidance for FFEWS for Periyar and FF & IROS for Pamba basins.

and

(ii) for fixing the aforesaid Expert Technical Committee as the Permanent Expert technical Committee for technical counsel on any such future projects which involves hydrologic and hydraulic modelling exercises.

Government have examined the matter in detail and are pleased to accord sanction ratifying the action of the Chief Engineer, IDRB in having constituted the Expert Technical Committee, as per Proceedings of the CE, IDRB dated 22.06.2021(*read as 1st paper above*), with the following members, f o r offering technical guidance f o r FFEWS for Periyar and FF&IROS for Pamba basins:-

1.Dr. K. P. Sudheer, Ex. Officio Principal Secretary, Science & Technology Department & Executive Vice President, Kerala State Council for Science Technology & Environment.

2.Dr. Sekhar L. Kuriakose, Member Secretary, Kerala State Disaster Management Authority.

3.Sri. James Wilson, Assistant Executive Engineer & Member Expert Advisory Group, Kerala State Electricity Board Limited(KSEB).

Sanction is also accorded the constitution of the aforesaid Expert Technical committee with retrospective effect from 25.06.2021(*date of the first meeting of the Expert technical committee*), a s the said committee hav e been offering technical guidance towards Periyar FFEWS since then.

Sanction is also accorded fixing the aforesaid Expert Technical committee as the Permanent Expert Technical Committee for technical counsel on any such future projects which involve hydrologic and hydraulic modelling exercises.

The CE, IDRB shall also ensure that in future, such proposals, wherever/whenever required Government sanction are necessarily furnished to Government well in advance and proper Government sanction is obtained in all such cases.

(By order of the Governor)
SUKUMARAN NAIR G
JOINT SECRETARY

To

- 1.The Chief Engineer, I&A, Thiruvananthapuram.
- 2.The Chief Engineer, IDRB, Thiruvananthapuram.
- 3.The Chief Engineer, Projects1, Kozhikode.

4. The Chief Engineer, Projects II, Thiruvananthapuram.
5. The Chief Engineer, ISW, Thiruvananthapuram.
6. Dr K. P. Sudheer, Ex. Officio Principal Secretary, Science & Technology Department & Executive Vice President, Kerala State Council for Science Technology & Environment (*through the CE, IDR, Tvp*)
7. Dr Sekhar L. Kuriakose, Member Secretary, Kerala State Disaster Management Authority (*through the CE, IDR, Tvp*)
8. Sri. James Wilson, Assistant Executive Engineer & Member Expert Advisory Group, Kerala State Electricity Board Limited (KSEB). (*through the CE, IDR, Tvp*)
9. The Director, Information & Public Relations Department (Web & New Media)
10. The Accountant General (Audit/A&E), Kerala, Tvp.

11. 11. Stock File/Office copy

Forwarded /By order
Signed by Rajeev Mathew
Date: 10-10-2022 15:21:03

Section Officer

Copy to:-

1. PS to Minister, WRD.
2. PA to Secretary, WRD.