



## KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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### ABSTRACT

Conducting Dynamic Analysis of Idukki Dam to study the effect of the tremors occurred in the premises of Idukki dam, on the structural performance of dam – Administrative Sanction & Sanction for entrusting the work to FE&SA Directorate, CWC – Sanction accorded - Orders issued.

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### CORPORATE OFFICE (SBU-G/C)

BO (FTD)No.362/2022(DGC/AEEII/Dam Safety/9/2022)

Thiruvananthapuram, Dated: 26.04.2022

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Read: 1. B.O (FTD) No315/2020 (No. DGC /AEE-II / Dam Safety / 2019) dated. 08.05.2020  
2. Minutes of the meeting of the Expert group (Seismic studies) on 03.06.2020  
3. Note No. DGC/AEE-II/Dam Safety/2019 dated 16.11.2021 of the Director(Generation-Civil)  
4. Note No. CE (C- DSO)/seismology/50/2021-22 dated 23.03.2022 of the Chief Engineer (Civil- Dam safety & DRIP)  
5. Note No.DGC/AEEII/Dam Safety/9/2022 dated 16.04.2022 of the Director (Generation-Civil) to the Full Time Directors (Agenda item No.60/4/22).

### ORDER

KSEBL as per B.O read as 1<sup>st</sup> above had constituted a committee to study the various aspects with regard to the scientific behaviour of Idukki Project area and to assess the possibility of occurrence of high intensity tremors in the region, in the backdrop of frequent occurrence of mild tremors in the Idukki dam premises. Conducting dynamic analysis of the dam was one of the recommendations put forth by the committee. Accordingly, Central Water Commission(CWC) was requested to carryout the study. CWC had forwarded the terms of reference for the study. When the matter was placed before the Full Time Directors, it was observed that as the split up of the HR cost has not been provided, it is not possible to analyze the financial aspects and also suggested the need for negotiation with FE & SA Directorate, CWC before finalisation of the cost proposal.

The Chief Engineer(Civil-DS &DRIP) as per the note read as 4<sup>th</sup> above had forwarded the revised proposal and has requested administrative sanction for an amount of ₹ 2.15 Crore for carrying out the Dynamic Analysis of Idukki Arch Dam as per the terms and conditions specified in their offer after executing MOU on mutually agreed terms with them.

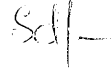
The matter was placed before the Full Time Directors as per the note read as 5<sup>th</sup> above. Having considered the matter in detail, the Full Time Directors in the meeting held on 21.04.2022:

Resolved to accord administrative sanction for an amount of ₹ 2.15 Crore for carrying out the Dynamic Analysis of Idukki Dam.

Further resolved to entrust the work of conducting Dynamic Analysis of Idukki Dam with Central Water Commission through consultancy contract, by executing an MOU with them as per the terms and conditions specified in their offer with the condition that the high end laptops procured for the study shall be returned to KSEBL after completion of the work.

Orders are issued accordingly.

**By Order of the  
Full Time Directors**



**LEKHA G  
Company Secretary**

To:

The Chief Engineer (Civil -Dam Safety & DRIP)

- Copy to: 1. The Chief Engineer (IT,CR&CAPS)/ Financial Adviser / Chief Internal Auditor/Company Secretary  
2. The RCAO/RAO  
3. The TA to( CMD/Director (G-C)/ Director (G-E)/ Director (T& SO)/Director (D&IT)/ Director (REES , Soura, Sports &W)/Director (P&S,SCM)  
4. PA to Director (F)  
5. Stock file

Forwarded / By Order



Assistant Executive Engineer