



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

CIN:U40100KL2011SGC027424

Reg.Office:Vydyuthi Bhavanam, Pattom, Thiruvananthapuram – 695004, Kerala

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ABSTRACT

Sabarigiri HEP - RCC Beams above Tail Race Channel supporting the transformers of Moozhiyar Power House – Evaluation of the Condition of beams by IIT Madras-Orders issued.

CORPORATE OFFICE (SBU-G/C)

BO(FTD)No. 593 /2021(DGC/AEE-II/Dam Safety/2019)Thiruvananthapuram, dtd.10 .08.2021

Read

1. Proposal from Structural Engineering Division, Department of Civil Engineering, IIT Madras dated 02.10.2019.
2. Direction of Chairman & Managing Director during Power Position meeting held on 17.06.2021.
3. Note No.CE(C-DS)/Moozhiyar PH/2021-22 dated 12.07.2021 of the Chief Engineer (Civil-Dam Safety&DRIP)
4. Note No.DGC/AEE-II/Dam Safety/2019 dated 14.07.2021 of the Director(Generation- Civil)to the Full Time Directors(Agenda Item No.8/8/2021)

ORDER

In the power position meeting held on 17.06.2021, the matter of safety aspects of RCC Beams above Tail Race Channel, supporting the transformers, of Moozhiyar Power House came up for discussion and the Chief Engineer(Civil-Dam Safety &DRIP) has been directed by the Chairman & Managing Director to conduct a study on the subject matter and put up proposal after evaluating the Structural Safety of the beams. It was also decided to obtain the expert opinion of Sri. Vijayakumar .S, Executive Engineer (Design) (Rtd) who is conversant with the work.

Accordingly the Chief Engineer (Civil- Dam Safety & DRIP) has inspected the Power House on 18.06.2021 along with Deputy Chief Engineer, Generation Circle Moozhiyar, the Executive Engineer, Generation Division Moozhiyar and other field officials and had discussions with them. However, since there was full generation at that time, the beams could not be inspected. Therefore another inspection is proposed to be conducted soon after availing the day time shutdown. As per the scope of work reported by the IIT Madras read as 1st above, condition assessment of RCC beam above tailrace channel will be carried out using Ultrasonic Pulse Velocity Test (UPV), Core drilling test, Carbonation Test and Evaluation of Chlorides through concrete powder samples.

The Chief Engineer (Civil- Dam Safety & Drip) as per note read as 3rd above has recommended to constitute a Committee with following members to examine the matter in detail and to recommend remedial measures to be taken for the rehabilitation of RCC beams above the Tail race of Moozhiyar PH supporting the Transformer. .

1. Smt.Supriya.S, Chief Engineer (Civil – Dam Safety & Drip) – Chairperson
2. Smt.Premela Rani, Deputy Chief Engineer , Office of the Chief Engineer (Civil Construction South) – member
3. Sri.Modi.M.T, Assistant Engineer (Design), Office of the Chief Engineer (Civil Construction South) – member
4. Sri.Vijayakumar.S, Executive Engineer (Design) (Rtd)- special invitee
And to fix the remuneration to Sri. VijayaKumar.S @ Rs 5000/ day/ sitting / inspection with TA & DA eligible for Class I officers of KSEBL .

The matter was placed before the Full Time Directors as per note read as 4th above. Having considered the matter in detail, the Full Time Directors in the meeting held on 04.08.2021 resolved to accord sanction for the following .

- 1) To constitute a Committee with the following members to examine the matter in detail and to recommend remedial measures to be taken for the rehabilitation of RCC beams above the Tail race of Moozhiyar PH supporting the Transformer.
 - a. Smt.Supriya.S, Chief Engineer (Civil – Dam Safety & DRIP) – Chairperson
 - b. Smt.Premela Rani, Deputy Chief Engineer , Office of the Chief Engineer (Civil Construction South) – member
 - c. Sri.Modi.M.T, Assistant Engineer (Design), Office of the Chief Engineer (Civil Construction South) – member
 - d. Sri.Vijayakumar.S, Executive Engineer (Design) (Rtd)- special invitee
- 2) To fix the remuneration to Sri. VijayaKumar.S, Executive Engineer (Design) (Rtd) @ Rs5000/ day/ sitting / inspection with TA & DA eligible for Class I officers of KSEBL .

Orders are issued accordingly.

By Order of the Full Time Directors

Sd/-

Lekha.G

Company Secretary i/c

To

The Chief Engineer(Civil- Dam Safety & DRIP)

Copy to:

1. The Financial Adviser
2. The Chief Internal Auditor
3. The Deputy Chief Engineer (Research & Dam Safety Organisation), Pallom
4. The RCAO/RAO
5. The Deputy Chief Engineer(IT)
6. TA to CMD /TA to [Dir(GC) /Dir(GE&SCM) /Dir(T&SO) / Dir(D&HRM)/Dir(Plg&S)]
7. PA to [Dir (F) / Company Secretary i/c/Secretary(Administration)]
8. FC Supt/ Librarian
9. Stock file / File

Forwarded / By Order



Assistant Executive Engineer