



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vydyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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ABSTRACT

Cost Effective Design of Hydro Projects-Entrusting Design Vetting through M/s NHPC & Nomination of Nodal Officers- Sanction Accorded- Orders issued

CORPORATE OFFICE (SBU-G/C)

BO (FTD)No.96/2023(DGC/AEE VI/Design Clinic/2022)

Thiruvananthapuram, Dated: 27.02.2023

Read: 1. Note No 80/CMD dated 20.12.2022 of Chairman & Managing Director.
2. D.O No DGC/AEE VI Design Clinic/2022 dated 29.12.2022.
3. Letter No NH/D(T)/SBD&C /KSEB/366 dated 30.12.2022 of Director, NHPC
4. Note No. DGC/AEE VI/Design Clinic/2022 dated 10 .02.2023 of the Director (Generation-Civil) to the Full Time Directors (Agenda Item No. 36/02/23)

ORDER

KSEBL is carrying out the implementation of various hydroelectric projects and are in different stages of implementation such as Feasibility stage, DPR stage and Design stage etc. KSEBL is mostly following the conventional design which are being attended by the design wing under the Chief Engineer (Civil - Construction) North and Chief Engineer (Civil - Construction) South.

During the discussion with Hon'ble Minister for Electricity, it was decided to explore the possibility of joint venture with a competent central PSU to execute the projects. Accordingly, it was suggested to empanel a Central PSU as an agency for doing design vetting of projects where DPRs are ready and the projects to be implemented or projects have only initial activities are undertaken for implementation. In case of projects under pipeline, post feasibility, design and execution to be done on EPC contract was also decided in the meeting.

To make the projects viable, the design should be cost effective. With a view to make the scheme more cost effective and in turn more viable, request was made with M/s NHPC as per letter read as 2nd above to obtain their willingness for design vetting for the projects which are in the initial stages of implementation / design stage.

M/s. NHPC as per the letter read as 3rd above has expressed their consent to share its technical powers and expertise and associate with KSEBL for review/ vetting of design of Hydro Electric Projects of KSEBL under various stages of development. They also requested to nominate a Nodal Officer for finalizing the modalities and other terms & conditions for taking up the assignment by them.

As Mankulam HEP (40MW/82.08Mu) and Upper Sengulam SHEP(24MW/53.22Mu) are under implementation/tendering stage, it was suggested that the design vetting of the said scheme be got done through M/s. NHPC for cost effective design of the components so that the schemes are financially more viable. Also, it was suggested to nominate the Chief

Engineer (CC) North and Chief Engineer (CC) South as Nodal Officers so that the modalities and other terms & conditions for taking up the assignment could be finalized.

The matter was considered by the Full Time Directors as per the note read as 4th above. Having considered the matter in detail, the Full Time Directors in the meeting held on 17.02.2023, Resolved to accord sanction to entrust M/s. NHPC for the design vetting of Mankulam HEP (40MW/82.08Mu) and Upper Sengulam SHEP (24MW/53.22Mu) for cost effective design of the components and to nominate Chief Engineer (CC) North, Chief Engineer (CC) South and Deputy Chief Engineer (Ele.), Projects Electrical Designs with full powers of Chief Engineer as Nodal Officers to finalize the modalities and other terms & conditions for taking up the assignment with M/s. NHPC.

Further Resolved that the KSEBL team shall coordinate with the NHPC team and to complete the process within two/ three months.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

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**LEKHA G
Company Secretary**

To:

1. The Chief Engineer (Civil-Construction), North, Kozhikode
2. The Chief Engineer (Civil-Construction), South, **Thiruvananthapuram**.
3. The Deputy Chief Engineer (Ele.) with full powers of CE, Projects Electrical Design,

Copy to: 1.The Chief Engineer (IT,CR&CAPS)/ Company Secretary/ Financial Advisor/
LA&DEO

2.The TA to the Chairman & Managing Director / Director (Generation-
Civil)/Director (Generation- Electrical & HRM)/ Director (Distribution, SCM &
IT)/Director (Transmission, SO, P&S)/ Director (REES, SOURA, Nilaavu Projects,
S&W).

3.The PA to the Director (Finance)/RCAO/RAO.

4.The Sr.CA to the Secretary (Admin).

5.Stock File / Library.

Forwarded / By Order

Phila

Assistant Executive Engineer