



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act - 1956)

Registered Office: Vidyuthi Bhavanam, Pattom

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ABSTRACT

Implementation of Dam Safety Act 2021 - Constitution of State Dam Safety Organization (SDSO) - Commencing the functioning of SDSO - Preliminary Activities - Posting of officials from KSEBL - Sanction Accorded - Orders Issued.

CORPORATE OFFICE (SBU-G/C)

BO (FTD)No 331/2023(DGC/AEE IV/Dam Safety/SDSO/2022)

Thiruvananthapuram, Dated: 30.06.2023

Read: 1. Note No. CE-CDSD-PLM-AEE2/2023/57 dated 16.05.2023 of the Chief Engineer (Civil-Dam Safety & DRIP), Vidyuthi Bhavanam, Thiruvananthapuram.
2. Note No. CE-CDSD-PLM-CE1/2022/284 dated 19.12.2022 of the Chief Engineer (Civil-Dam Safety & DRIP), Vidyuthi Bhavanam, Thiruvananthapuram.
3. G.O. (P) No. 26/2022/WRD dated 07.11.2022
4. G.O. (P) No. 10/2023/WRD dated 03.05.2023 notified as S.R.O. No. 549/2023.
5. G.O. (Ms)No.25/2023/WRD dated 19.04.2023.
6. Note No. DGC/AEEIV/Dam Safety/SDSO/2022(2) dated 19.06.2023 of the Director (Generation - Civil) to the Full Time Directors (Agenda Item No. 65/06/23).

ORDER

The Chief Engineer (Civil-Dam Safety & DRIP), as per the note read as 5th above, has reported that the Water Resources Department, Government of Kerala has constituted State Dam Safety Organization (SDSO) as per G.O. read as 1st above to perform the duties and functions as per Section 14 of the Dam Safety Act, notified as S.R.O. No. 549/2023 dated 03.05.2023 as per G.O. read as 4th above. The Chief Engineer (Civil - Dam Safety & DRIP) KSEBL is the Chairperson of the SDSO as per G.O. read as 1st above.

It was reported that the Water Resource Department has deployed officials to the State Dam Safety Organization (SDSO) as per G.O. read as 3rd above. The officials to be posted from KSEBL to SDSO as per the G.O. are listed below.

- Executive Engineer (Civil) - 1 No.
- Assistant Executive Engineer (Civil) - 2 Nos.
- Assistant Engineer (Civil) - 4 Nos.
- Sub Engineer (Civil) - 2 Nos.

The duties and functions of State Dam Safety Organization (SDSO) reported by the Chief Engineer (Civil-Dam Safety & DRIP) as per Dam Safety Act (DSA) 2021 are listed below:

- Keep perpetual surveillance, carry out inspections, monitor the operation and maintenance of all specified dams falling under their jurisdiction to ensure continued

safety of such specified dams and take such measures as may be necessary to address safety concerns that are noticed with a view to achieve satisfactory level of dam safety assurance as per such guidelines, standards and other directions on dam safety as may be specified by the regulations.

- The State Dam Safety Organisation, for the purpose of enabling it to make decisions compatible with public safety, shall make or cause to be made such investigations and shall gather or cause to be gathered such data as may be required for proper review and study of the various features of the design, construction, repair and enlargement of dams, reservoirs, and appurtenant structures under their jurisdiction.
- The State Dam Safety Organisation shall classify each dam under their jurisdiction as per such vulnerability and hazard classification criteria as may be specified by the regulations.
- State Dam Safety Organisation shall maintain a logbook or database for each specified dam under their jurisdiction recording therein all activities related to the surveillance and inspection and all-important events related to dam safety and with such details and in such form as may be specified by the regulations.
- State Dam Safety Organisation shall furnish all such information to the Authority as and when required by them.
- Every State Dam Safety Organisation shall report the event of any dam failure under their jurisdiction to the Authority and furnish any information as and when required by them. Every State Dam Safety Organisation shall maintain the records of major dam incidents of each specified dams under their jurisdiction and furnish all such information to the Authority as and when required by them.
- Every State Dam Safety Organisation shall render its instructions to the owner of a specified dam on the safety or the remedial measures required to be taken with respect to it.
- All specified dams shall fall under the jurisdiction of the State Dam Safety Organisation of the State in which such dam is situated in matters relating to dam inspections, analysis of information, investigation reports or recommendations regarding safety status, and remedial measures to be undertaken to improve dam safety.
- Before initial filling of the reservoir is taken up, the State Dam Safety Organisation shall inspect or cause to be inspected the specified dam either through its own engineers or by an independent panel of experts, who shall also examine the initial filling programme and prepare a detailed report thereof duly certifying the fitness of dam for filling.
- State Dam Safety Organisation shall prepare annual report, within three months of the expiry of the preceding financial year, of its activities and safety status of specified dams in the State and such report shall be forwarded to the Authority and the State Government.
- State Dam Safety Organisation and every owner of a specified dam shall provide to the Authority, documentation of the projects, report of enquiries into failure and any other data, as and when required in such format and in such manner as may be decided by the Authority.
- The State Dam Safety Organisation of each State shall forward their annual report to the concerned State Disaster Management Authority and also make available such report in public domain.

The Chief Engineer (Civil-Dam Safety & DRIP) further reported that the officials of SDSO are to conduct inspections and the reports are to be submitted to National Dam safety Authority (NSDA), State Legislature etc. The SDSO is an independent unit and hence officials are to be deployed as per Order of the Government. The duties and functions of the dam owner are also detailed in DSA 2021 and hence the official's performing duties and functions of dam owner cannot be assigned the duties and functions of SDSO.

The Chief Engineer requested to deploy the officials from KSEBL as detailed in the G.O. read as 1st above, under the Chief Engineer (Dam Safety) as the Chairperson of SDSO to attend duties and functions of SDSO based on the Dam Safety Act on an urgent basis and accordingly, it is recommended to deploy the following staff on an urgent basis up to the period of formation of permanent staff in the SDSO under Government of Kerala,

- One Executive Engineer (Civil) from the SPIN & Consultancy Wing of KSEBL in the Liaison office of the Dam Safety under the Chief Engineer (Civil - Dam Safety & DRIP) for the State Dam Safety Organization (SDSO).
- to authorize the Chief Engineer (HRM) to deploy two Assistant Executive Engineers (Civil), four Assistant Engineers (Civil) and two Sub Engineers (Civil) suitably in the Liaison office of the Dam Safety under the Chief Engineer (Civil - Dam Safety & DRIP) for the State Dam Safety Organization (SDSO).

The matter was placed before the Full Time Directors as per the note read as 6th above.

Having considered the matter in detail, the Full Time Directors in its meeting held on 23.06.2023, resolved to authorize the Chief Engineer (Dam Safety) to take action as per Government Order.

Further resolved to entrust the existing staff to attend the meeting and works of State Dam Safety Organisation (SDSO).

Further resolved that subsequently as functioning of State Dam Safety Organisation (SDSO) stabilizes, deputations can be worked out.

Further resolved that, at present since there is dearth of Civil Engineers, action to be taken simultaneously to engage Civil Engineers wherever essentially required.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/.

**LEKHA G
Company Secretary**

To:

The Chief Engineer (Civil-Dam Safety & DRIP), Vydyuthi Bhavanam, Thiruvananthapuram.

Copy to: The Chief Engineer (IT, CR&CAPS)/ Financial Advisor/ LA&DEO/ Chief Internal Auditor/
Company Secretary
The TA to the Chairman & Managing Director / Director (Generation-Civil) / Director
(Distribution, Safety, SCM & IT) / Director (Transmission, SO & Planning)/ Director
(Generation - Electrical, REES, SOURA, Sports & Welfare)
The PA to the Director (Finance & HRM)
The Sr.CA to the Secretary (Administration)
The RCAO/ RAO
Stock File.

Forwarded / By Order



Assistant Executive Engineer