



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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ABSTRACT

Dam Rehabilitation and Improvement Project (DRIP) Phase II - Modernization of the existing OTIS make elevator installed at Idamalayar dam - Sanctioned - Orders Issued.

CORPORATE OFFICE (SBU-G/C)

BO (FTD)No.103/2023(DGC/AEE IV/Dam Safety/DRIP Thiruvananthapuram,Dated: 02.03.2023 Works/2022)

Read: 1. B.O. (FTD) No. 709/2020 (No. DGC/AEE-II/DRIP/General/2018) dated 24.11.2020.
2. Note No. CE(C-DS&DRIP)/DRIP/OTIS Lift/2022-23/141 dated 04.01.2023 of the Chief Engineer, (Civil-Dam Safety & DRIP).
3. Note No. DGC/AEEM/Dam Safety/DRIP Works/2022 (3) dated 04.02.2023 of the Director (Generation-Civil) to the Full Time Directors (Agenda No. 20/02/23).

ORDER

KSEBL has accorded sanction as per B.O. read as 1st above for an amount of Rs. 90 Crore for the rehabilitation and improvement of dams and associated appurtenances under DRIP Phase II.

The Chief Engineer (Civil-Dam Safety & DRIP) reported as per note read as 2nd above that an estimated cost of Rs.6 Crore was included in the original Project Screening Template (PST) of Idamalayar HEP and works amounting to Rs.3.58 Crore is in progress. The existing elevator (OTIS make) of 3 Ton capacity was established at Idamalayar dam during the commissioning of the project. Due to its obsolete technology and non-availability of spare parts, the Chief Engineer proposed to modernize the same with advanced technology for enabling smooth and efficient operation.

It was reported that the modernization/ upgradation work includes conversion of the existing UMV elevator to variable microprocessor control system by providing dust proof variable voltage variable frequency LCB200 closed loop controller suitable for existing load, stops and speed. Provision for new position reference systems and new hoist way travelling cable, dust proof door sensors, alarm bell, fireman switch, emergency light, car top inspection box with safety switches etc. and provisions for new motor, worm gear and shaft, door drive VF for car door, RCOB in machine room, dust proof Gien type buttons with monochrome display in car cabin and landings, UPS ARD (Automatic Rescue Device) for power failure protection (non DP product), intercom in machine room, lobby and inside car cabin etc. are also included in the new proposal. The existing car cabin, rails, counter weight, rope and pit equipment is proposed to be retained.

The Chief Engineer (Civil-Dam Safety & DRIP) also reported reported that a detailed feasibility study was conducted for the up gradation through the manufacturer M/s. OTIS

Elevator Company (India) Pvt. Ltd and an approximate expenditure of Rs. 71 Lakhs is estimated.

The Chief Engineer (Civil-Dam Safety & DRIP) requested to accord administrative sanction for the modernization of the existing OTIS make elevator installed at Idamalayar dam for an approximate amount of Rs.71 Lakhs, under DRIP II.

The matter was placed before the Full Time Directors as per the note read as 3rd above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 17.02.2023, resolved to accord sanction to modernize the existing OTIS make elevator installed at Idamalayar dam through the manufacturer M/s. OTIS Elevator Company (India) Pvt. Ltd for an amount of Rs.71 Lakh and accounting the expenditure under DRIP II.

Orders are issued accordingly.

**By Order of the
Full Time Directors**



**LEKHA G
Company Secretary**

To:

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

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

Forwarded / By Order



Assistant Executive Engineer