



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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ABSTRACT

Execution of Civil and Hydro Mechanical works of Hydro Electric Projects - Modality in the measurement of Tunnel lining - Modification in KSEB Data Book - Sanction - Ratified - Orders issued.

CORPORATE OFFICE (SBU-G/C)

BO (DB)No.460/2022(DGC/AEEII/General/22/2022)

Thiruvananthapuram,Dated: 30.05.2022

- Read: 1. Letter No.CE(C-I&CC)/TA/GENERAL-PRICE /2021-22 dated 21.02.2022 of the Chief Engineer (Civil - Investigation & Construction Central).
2. B.O. (DB) No. 1772/2014 (DGC/AEEII/Data & SoR/2024) dated 28.06.2014.
3. Letter No.CE-CSS-TVM-AEE4/2022/356 (1) dated 11.04.2022 of the Chief Engineer (Civil - Construction) South.
4. Note No. DGC/AEEII/General/22/2022 dated 18.04.2022 of the Director (G-C) to the Full Time Directors (Agenda item No.69/4/22).
5. B.O. (FTD) No. 389 /2022(DGC/AEEII/General/22/20 22) dated 08.05.2022.
6. Note No. DGC/AEEII/General/22/2022 dated 11.05.2022 of the Chairman & Managing Director, KSEBL to the Board of Directors.
7. Proceedings of the 64th meeting of the Board of Directors held on 12.05.2022 (Agenda Item No. 23-05/2022).

ORDER

The tunnel lining items of Hydro Electric Projects are presently being worked out based on 'KSEB data book for Civil Works'. In the sanctioned data book of KSEBL, it is mentioned that 50% of lining shall be invert and the balance 50% as overt which is against the general practice being followed in tunnel lining works. Hence it is necessary to modify modalities for demarcating invert and overt portion of tunnel lining KSEB Data Book for Civil works to match with actual execution at site. The Chief Engineer (Civil-I & CC) & the Chief Engineer (Civil-Construction) South have requested necessary amendments in this regard.

As per B.O. read as 5th above, it was resolved to amend the remark of invert overt classification mentioned in the sanctioned KSEBL data book and decided to place the matter before the Board of Directors for ratification. Accordingly, the proposal was placed before the 64th meeting of the Board of Directors as per the Note read as 6th above.

Having considered the matter in detail, the Board of Directors in its 64th meeting held on 12.05.2022:

Resolved to ratify the decision of the Full Time Directors to amend the remark of invert overt classification for circular tunnels as 50% for invert & 50% for overt mentioned in the sanctioned KSEBL data book as follows,

For circular tunnels requiring concrete lining, the bottom 90⁰ be considered as invert and the balance 270⁰ as Overt (sides & arches)

For flat bottom tunnels such as D- shaped tunnels, modified horse-shoe tunnels etc., the bottom flat or near to flat portion be considered as invert and the portion above this (sides & arches) be considered as overt.

Further resolved that the above change will be applicable prospectively for the new tenders for the execution of Civil and Hydro Mechanical works of Hydro Electric Projects.

Orders are issued accordingly.

**By Order of the
Director Board**



**LEKHA G
Company Secretary**

To:

- 1.The Chief Engineer (Civil Construction-North)
2. The Chief Engineer (Civil- Investigation & Construction Central)
3. The Chief Engineer (Civil - DS & DRIP)
4. The Chief Engineer (Civil Construction- South)
- 5.The PM, PES with full powers of Chief Engineer

- 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. The PA to Director (Finance)
 5. The CA to Secretary (Administration)
 6. Stock file/File

Forwarded / By Order



Assistant Executive Engineer