



## KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

CIN: U40100KL2011SGC027424

Website: www.kseb.in

Phone: +91 471 2514576, 2446885, 9446008884

Email: dtkseeb@kseeb.in

### ABSTRACT

Implementation of 110 kV GIS at 220 kV Substation, Shornur - Purchase of 11 kV 20-panel set - Technical deviation - In principle sanction accorded - Orders issued.

### Corporate Office (SBU-T)

BO (FTD)No 677/2022(DIRTSO-AE1/2022/1628)

Thiruvananthapuram, Dated: 01.08.2022

- Read: 1. B.O. (FTD) No.935/2019 [D(T&SO)/T7/PKD-Shornur/2019-20] dated 13.12.2019.  
2. Letter No. CE/TRN/E5/GIS Shornur/2022-23/341 dated 25.05.2022 of the Chief Engineer (Trans. North).  
3. Note No. DIRTSO-AE1/2022/1628(1)/142 dated 20.07.2022 of the Director (T,SO,P&S) to the Full Time Directors (Agenda Item No. 96/7/22).

### ORDER

The Administrative Sanction was accorded as per the B.O. read as 1<sup>st</sup> above for an estimate amounting to Rs.44.5 crores to modernize the 110 kV side of existing 220 kV Substation, Shornur with Substation Automation System. In the estimate, a provision for the procurement of 11 kV 20-panel set of conventional type was provided for an amount of Rs. 80 lakhs.

As per letter read as 2<sup>nd</sup> above, the Chief Engineer (Trans. North) requested sanction for a technical deviation from the sanctioned estimate for purchasing 20-panel set with bay control and protection unit at an estimate amounting to Rs.2.10 crores in place of the conventional type panel. It was reported that by providing 11 kV panels with SAS facilities, remote operation is possible and the number of operating staff can be reduced, when operated from the control room of Shornur Substation. Moreover, the entire 220 kV Substation can be controlled remotely, if the communication network and remote control facility is provided, whereby the entire operating staff can be withdrawn.

The matter was placed before the Full time Directors as per note read as 3<sup>rd</sup> above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 22.07.2022, resolved to accord sanction for the technical deviation for the purchase of a 20-panel set with bay control and protection unit at an estimate amounting to Rs.2.10 crores (Rupees two crores ten lakh only), as against the conventional 11 kV panels provided in the sanctioned estimate for 110 kV GIS at 220 kV Substation, Shornur, which will facilitate remote operation of the 11 kV panels at the station once Substation Automation System (SAS) implementation is completed in the station and full remote

operation of the substation once the facility for remote transmission control center is established in all respects.

Orders are issued accordingly.

**By Order of the  
Full Time Directors**

*Sd/-*

**LEKHA G  
Company Secretary**

To:

The Chief Engineer (Transmission North)

Copy to: The Financial Adviser/ Chief Internal Auditor/ Company Secretary/ Chief Engineer (IT)

The Deputy Chief Engineer, Transmission Circle, Palakkad

The TAs to CMD/ D(T,SO,P&S)/ D(D&SCM)/ D(G-C)/ D(G-E)/ D(REES,S,N S,&W)

The PA to D (Fin,IT &HRM)

The CA to Secretary (Administration)

Stock File.



Forwarded / By Order

*[Signature]*

Assistant Engineer