



KERALA STATE ELECTRICITY BOARD LTD.

(Incorporated under Companies Act 1956)

Reg. Office: Vydyuthi Bhavanam, Pattom, Thiruvananthapuram-695004, Kerala.

Website: www.kseb.in, CIN : U40100KL2011SGC027424 Phone: 0471-2514610, e-mail: ceit@kseb.in



ABSTRACT

Supply, installation, testing & commissioning of 1053 Nos, 100VA Isolation Transformer in FRTU locations - Trivandrum, Ernakulam, Kozhikode SCADA/DMS Town- Sanctioned – Orders issued.

CORPORATE OFFICE (IT,CR & CAPs)

BO (FTD) No. 598/2021 (CEIT/SCADA-DMS/Isolation Trfr/2021-22 dated TVPM. 11.08.2021

- Read:-
1. Minutes of the review meeting of CMD, KSEBL dated 09.05.2019
 2. Office order (DP&S) No.769/2021(CP/Plg.1/Re- appropriation) dated 07-07-2021.
 3. Note No. CEIT /SCADA DMS/Isolation trf /2021-22/206 dated 07-07-2021 of Chief Engineer (IT,CR & CAPs)submitted to the Full Time Directors
 4. Note No. CEIT/SCADA DMS/Isolation trf /2021-22 dated 14-07-2021 of the Chief Engineer (IT,CR&CAPs) submitted to the Full Time Director. (Agenda 14- /08/21)

ORDER

In the review meeting of SCADA DMS project read as 1st above convened by the CMD on 09/05/2019, the SCADA Implementing Agency (SIA), M/s Schneider Electric India Pvt. Ltd, raised the issue of poor quality of LT power supply in RMU locations. They also informed that the Direct current power supply (DCPS) of the Field remote terminal units (FRTUs) in these locations is found failing multiple times suspecting AC input power quality. They suggested having Isolation transformer in LT supply input to FRTU, to limit such problem. The APDRP wing also pointed out similar issues from the field due to which the DCPS for the RMUs also failing. The above referred meeting has decided to provide the Isolation transformer in FRTU locations.

Accordingly Isolation transformers of suitable rating were installed on a trial basis initially in 10 FRTU locations, and further in 20 locations. The Transformer installed locations were monitored for its performance and were found working satisfactorily. Subsequently, based on the report of the failure incidents of FRTUs in RMU locations by the SIA, additional 700 numbers of FRTU locations were selected on priority for fixing Isolation transformers and work orders were issued for carrying out the work in Trivandrum SCADA town. SIA had intimated that, they were not finding any DCPS Card Issues in any of the RMU Locations in Trivandrum where Isolation Transformers had been installed. In line with this observation, SIA have requested to install Isolation Transformers in all the remaining FRTU locations in Trivandrum and also FRTU locations in Ernakulam and Kozhikode where there is no Auxillary Transformer in RMU.

In Trivandrum Isolation Transformer are to be installed in 720 locations .270 Nos of FRTU locations have been recommended by the Ernakulam team and 63 Nos by the Kozhikode team . That is, a total of 1053 isolation transformers have to be procured for installation. An estimated cost for the supply, installation, testing & commissioning of 1053 nos, 100VA Isolation Transformer in FRTU locations is Rs. 16,30,000 (Rupees Sixteen Lakh Thirty Thousand Only). The cost for the work of 1053 Nos, 100VA Isolation Transformer in FRTU locations of Trivandrum, Ernakulam & Kozhikode SCADA DMS towns would be met from the budget re-appropriation amount sanctioned as per order read as 2nd above. Accordingly, Chief Engineer (IT,CR&CAPs) as per notes read as (3)rd & (4)th above . has recommended to carry out the work of Supply, installation, testing & commissioning of 1053 Nos, 100VA Isolation transformer in FRTU locations of Trivandrum, Ernakulam & Kozhikode SCADA DMS towns at an estimate cost of Rs.16,30,000/- , through E- Tender.

Having considered the matter in detail., the Full Time Director's meeting held on 04-08-2021 resolved to accord sanction for carrying out the work of Supply, installation, testing & commissioning of 1053 Nos, 100VA Isolation Transformers in FRTU locations of Trivandrum, Ernakulam & Kozhikode SCADA/DMS towns at an estimate cost of Rs.16,30,000/- (Rupees Sixteen Lakhs and Thirty Thousand only), through E- Tender.

Orders are issued accordingly.

By Order of the Full Time Directors.

Sd/-

LEKHA . G,
COMPANY SECRETARY – in Charge

To

The Chief Engineer (IT, CR & CAPs)

Copy to:

The Chief Engineer, Distribution, South/Central/North

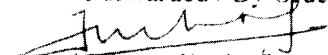
The Financial Adviser/ Chief Internal Auditor

The T.A. to Chairman & Managing Director/ Director (Dist. ,IT & HRM)/ Director (G-Civil)/ Director (Trans. System Operation)/ Director (Gen.(E) & SCM)/ Director (P &S)

The P.A. to Director (Finance)/ Senior CA to Secretary (Admn.)/Company Secretary

The Fair Copy Superintendent, Library/ Stock File.

Forwarded / By Order


Assistant Engineer