



## KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004, Kerala

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### ABSTRACT

Testing and commissioning of Substation Automation System and Power system protection systems at newly constructed substations under TransGrid 2.0 - Retaining Sri C.N. Jayarajan , Deputy Chief Engineer (Retd) - Sanction accorded - Orders issued

### Corporate Office (SBU - T)

**B.O.(FTD)No. 615/2021/D(T&SO)/T6/TransGrid - Gen/2021-22 dated, Thiruvananthapuram, 13.08.2021**

- Read: 1. Note No. DB57/CE/TG/General/2021-22/487 dated 07.07.2021 of the Chief Engineer, TransGrid  
2. No.D(T&SO)/T6/TransGrid/Gen/2021-22/32 dated 13.07.2021 of the Director (T&SO) (Agenda. 4/8/21)

### ORDER

To ensure 24x7 quality power to all the consumers in the State and for obtaining optimal power flow through Kerala power system a 400kV backbone transmission network from Northern part to Southern part of the State is proposed under TransGrid 2.0 with intermediate Substations at 220kV and 110kV Voltage levels to cater the load requirement of various load centres. The works under TransGrid 2.0 are executing in two stages and most of the phase I projects are in the final stage of commissioning and some projects have already commenced its commercial operation.

All the EHV Substations are incorporated with Substation Automation System (SAS) and designed with most modern numerical protections capable of communicating with external systems like SLDC. Proper configuration and commissioning is essential for trouble free operation of the system to obtain utmost utilization of technology.

Sri. C.N.Jayarajan retired on 30<sup>th</sup> of May, 2021 as Deputy Chief Engineer from KSEBL on superannuation. He offered voluntary services to KSEBL for the future commissioning works of the substations being completed under TransGrid. Sri. C.N. Jayarajan, DyCE (Retd) has acquired profound experience in the areas related to SAS, modern numerical power system, protective relays etc. during his tenure with KSEBL.

The Chief Engineer, TransGrid as per note read as 1<sup>st</sup> above has reported that Sri. C.N. Jayarajan had participated in the commissioning of 220kV GIS substations at Aluva & Kaloor, commissioning of 220kV bay extension at Brahmapuram and 220kV AIS Kothamangalam while he was working as the Deputy Chief Engineer (Design & Projects) in TransGrid. The contributions offered by him for the timely commissioning of the projects are pivotal. It is recommended to retain Sri. C.N.Jayarajan, Deputy Chief Engineer (Retd) as a consultant for testing and commissioning of SAS and protective system of the newly constructed substations under TransGrid without any additional financial commitment to KSEBL.

Having considered the necessity of experienced personnel in power system protection system and in this new technology implementation in KSEBL, the assistance of Sri. C.N Jayarajan will aid in the successful commissioning of the projects and his service will be worth to KSEBL.

The matter was placed before Full Time Directors for a decision as per note read as 2<sup>nd</sup> above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 04.08.2021,

Resolved to accord sanction to retain Sri. C.N. Jayarajan, Deputy Chief Engineer (Retd.) as a consultant for the 'testing and commissioning of Substation Automation System and protective system of the newly constructed substations under TransGrid' without any financial commitment to KSEBL

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-

Lekha G.

Company Secretary (In- Charge)

To

The Chief Engineer (TransGrid), Shornur

Copy to:

The Deputy Chief Engineer, TransGrid North/South

The Financial Adviser/ The Chief Internal Auditor

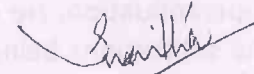
The RCAO/ RAO

The TA to Chairman & MD/ D(T&SO)/ D(D ,T&HRM)/ D(G-C)/ D(G-E&SCM)/D(P&S)

The PA to Director (Finance)/CA to Company Secretary

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Assistant Engineer