



# KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

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

CIN:U40100KL2011SGC027424 Website: [www.kseb.in](http://www.kseb.in)

Office of the Director (Transmission & System Operation)

Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004, Kerala

Phone: +91 471 2446885, Fax: +91 471 2444738 E-mail: [dtkseb@kseb.in](mailto:dtkseb@kseb.in)

## ABSTRACT

TransGrid 2.0 - Sabari Substation Package - Construction of 220kV GIS Substations at Pathanamthitta and Kakkad – Awarding of work – Sanction accorded – Orders issued

## Corporate Office (SBU-T)

**B.O(DB)No.301 /2021/D(T&SO)/T6/Sabari SS Package/2020-21/Thiruvananthapuram dated 05.05.2021**

- Read: 1. B.O.(FTD) No.85/ 2019/ D(T&SO)/ T6/Transgrid/Sabari/2018-19/Thiruvananthapuram dated 31.01.2019
2. Tender No. CE/TransGrid/02/20-21 dated 29.04.2020 of the Chief Engineer, TransGrid
3. Note No.D(T&SO)/T6/TransGrid/Sabar SS Package/2020-21/1538 dated. 04.03.2021 of the of the Chairman and Managing Director
4. Proceedings of the 58<sup>th</sup> meeting of Board of Directors held on 17.03.2021 vide Agenda 08-03/2021

## ORDER

The KSE Board Ltd has accorded Administrative Sanction as per BO read as 1<sup>st</sup> above, for Sabari Substation Package which comprises construction of 220 kV GIS Substations at Pathanamthitta and Kakkad for a total of Rs. 96.5 Crore including GST. Accordingly, the Chief Engineer (TransGrid) has issued Technical Sanction for the project amounting to Rs. 85.05 Cr (Rs.45.10 Cr for PTA & Rs.39.9 Cr for KKD) including GST.

The Construction of 220kV GIS Substation and associated works at Pathanamthitta (PAC Rs. 38.23 Cr) includes construction of a 220kV GIS substation with 1 no 220/110kV, 100MVA Transformer, double bus scheme with four 220kV feeder bays, one 220kV transformer bay, one 220kV bus coupler bay, 110kV GIS substation with double bus arrangement of three 110kV feeder bays, one transformer bay, one bus coupler bay along with SCADA system and other station auxiliaries. The Construction of 220kV GIS Substation and associated works at Kakkad (PAC Rs. 33.85 Cr) includes construction of a 220kV GIS substation with one No. 220/110kV 100MVA Transformer, double bus scheme with two 220kV feeder bays, one 220kV transformer bay, one 220kV bus coupler bay, 110kV GIS substation with double bus arrangement, two 110kV feeder bays, one transformer bay, one bus coupler bay along with SCADA system and other station auxiliaries.

The GIS equipment and Labour rates were prepared based on the average of the award rates of other GIS 1, 2, 3 & 4 packages in TransGrid and the rates for the Civil works are prepared on the basis of DSR 2016 with prevailing Cost Index at Pathanamthitta.

E-tenders with Reverse Auction for the subject work was floated as per tender read as 2<sup>nd</sup> above according to EoI Substations through MSTC E-tendering portal with PAC of Rs.72,08,03,110/- excluding 18% GST for materials and labour. Five bidders participated in the e-tender and out of the four prequalified bidders, M/s. Techno Electric and Engineering Company Ltd. was the lowest bidder with quoted rate Rs. 85,00,00,121/-. The Firm has reduced the quoted amount to Rs. 83,00,00,121/- through e-reverse auction which is 15.15% higher than the tendered PAC.

On evaluating the bid, as suggested by the Financial Adviser, negotiation was conducted with L1 and the Contractor informed their inability to offer any further rebate on their final e-RA price because of all basic material prices of Iron, Steel, Copper, Aluminium, Zinc etc. have undergone a steep unprecedented price escalation and also due to substantial increase in INR with Euro/USD exchange rate has resulted increase of prices for many of the imported components.

The subject matter was placed before the Bid Evaluation & Grievance Redressal committee (BE & GR) and as per the direction of the Chairman and Managing Director in the meeting, a committee was formed to negotiate with the contractor to bring down the rates of some line items, spares & special tools. Accordingly the committee, re negotiated with L1 and the Firm expressed the difficulty in item wise analysis in a Turnkey/EPC project. However, the Firm offered a discount of Rs. 5,00,000/- from their quoted rate and thus the reduced quoted amount comes to Rs. 82,95,00,121/- excl GST, which is 15.08% above the PAC.

On comparing the estimate rate of civil works with Local Market Rates, the quoted amount after negotiation comes to 9.99% above PAC. Also, as there is good participation in the said bid, the possibility of a better bid in re tender will be very remote.

In view of the above, it is suggested that the work of Sabari Substation Package 'Construction of 220kV GIS Substations at Pathanamthitta and Kakkad, may be awarded to the L1 bidder, M/s.Techno Electric and Engineering Company Ltd., at their negotiated quoted amount of Rs. 82,95,00,121/- (Rupees Eighty Two Crore Ninety Five lakhs One Hundred and Twenty One only) excluding GST, which is 15.08% above the tendered PAC.

The Full Time Directors in the meeting held on 08.02.2021 examined the subject matter and recommended to place before the Board of Directors for a decision. (Agenda Item No. 37/2/2021).

Accordingly the matter was placed before the Board of Directors as per note read as 3<sup>rd</sup> above. Having considered the matter in detail, the Board of Directors in the meeting held on 17.03.2021,

Resolved to accord sanction for awarding the work of Sabari Substation Package - Construction of 220kV GIS Substations at Pathanamthitta and Kakkad, to M/s.Techno Electric and Engineering Company Ltd., Park Street, Kolkata at their negotiated quoted amount of Rs. 82,95,00,121/- (Rupees Eighty Two Crore Ninety Five lakh One Hundred and Twenty One only) excluding GST, which is 15.08% above the tendered PAC.

Orders are issued accordingly.

**By Order of the Director Board,**

**Sd/-**

**Lekha G**

**Company Secretary (In-Charge)**

To : The Chief Engineer (TransGrid), Shornur

Copy to: The Deputy Chief Engineer, TransGrid South

The Financial Adviser/ The Chief Internal Auditor/ The Company Secretary

The RCAO/ RAO

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

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