



# KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

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

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## ABSTRACT

Quilon Package under TransGrid 2.0-Administrative Sanction accorded -Orders issued.

### Corporate Office(SBU-T)

B.O.(FTD)No.969/2019/D(T&SO)/T7/TransGrid/Quilon lines/19-20 dated,Thiruvananthapuram, 30.12.19

Read: (1) B.O(DB)No.897/2019/D(T&SO)/T7/TransGrid/GI/19-20 dated 03.12.2019

(2) Note No : D(T,SO &S)/T7/TransGrid/Quilon lines/2019-20/96 dated 24.12.2019 of the Director(T,SO&S) submitted to Full Time Directors(Agenda 85/12/19)

## ORDER

The Chief Engineer (TransGrid) submitted a Detailed Project Report with estimate for an amount of Rs 130.44 Cr (Rupees One hundred and thirty Crores and forty four lakhs only) for the Quilon package which involves a comprehensive Lines and Substations package with a 220/110kV SCADA enabled GIS substation at Sasthamkotta which would receive power at 220kV level from Kayamkulam- Kundara (2KYKD) line with LILO arrangement at Sasthamkotta. The work involves the construction of a new 220/110kV SCADA enabled GIS substation by decommissioning the existing 110kV AIS substation Sasthamkotta and construction of 6.5 km 220/110KV MCMV line from East Kallada to Sasthamkotta with LILO arrangement. The 220kV double circuit line would receive power at Sasthamkotta from Kayamkulam- Kundara -Edamon 220KV line (2KYKD) from East Kallada and the 110kV Double Circuit line is intended to feed the proposed 110KV Substation at East Kallada from Sasthamkotta Substation. The existing Right of Way of the abandoned Kundara -Sasthamkotta 66KV Line is proposed to be utilized for the construction of the proposed 220/110KV MCMV line, but the width has to be increased by 2 meters on either side.

The total estimated amount comes to Rs. 25.09 Cr for lines portion and Rs 105.35 Cr for the substation part and altogether Rs 130.44 Cr(Rupees One hundred and thirty Crores and forty four lakhs only) and Rs 69,83,000 (Rs sixty nine lakhs eighty three thousand) towards the cost of dismantled scrap items.

The project is included in TransGrid Project and is to be funded from KIIFB. Based on the Load Flow Study report, the project has a loss reduction of 2.0 MW, which contributes an energy loss reduction of about 96.89 lakh units per annum. The Project IRR calculated is 11.83 %.

The DPR committee held on 25.06.2019 approved the proposal and decided to place the matter before the FTD for approval. Sanction was accorded as per order read 1 above to approve Phase -II works of the TransGrid 2.0 package amounting to Rs.2172 Cr. and also authorized the Full Time Directors to accord Administrative Sanction for the estimate for individual works in Phase -II.

The Director (T,SO&S), as per note read above elaborated on the technical and financial viability and necessity of the project and placed the proposal before the Full Time Directors.

Having considered the matter in detail, the Full Time Directors in the meeting held on 26.12.2019,

Resolved to accord Administrative sanction for an estimate amounting to Rs 130.44 Cr (Rupees One hundred and thirty Crores and forty four lakhs only) for the work of "Construction of 220/110kV SCADA enabled GIS substation by decommissioning the existing 110kV AIS substation Sasthamkotta and construction of 6.5 km 220/110KV MCMV line from East Kallada to Sasthamkotta with LILO arrangement (Quilon Package)" and Rs 69,83,000 (Rs Sixty nine lakhs eighty three thousand only) towards the cost of dismantled scrap items as part of TransGrid 2.0 project.

Further resolved to take up the matter of submitting the DPR of Quilon package to KIIFB for securing funding as part of TransGrid 2.0 project and with KSERC for approval.

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-

Lekha G.

Company Secretary (In- Charge)

To :

The Chief Engineer (TransGrid)

Copy to:

The Deputy CE( TransGrid North/South)/ The Deputy CE(IT)

The Financial Adviser/ The Chief Internal Auditor.

The RCAO/ RAO.

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

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

Fair Copy Superintendent/Library/Stock File.

Forwarded / By Order

  
Assistant Engineer