



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

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

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ABSTRACT

GIS Package- 220 kV GIS substation at Thuravoor under TransGrid 2.0-Administrative Sanction accorded -Orders issued.

Corporate Office(SBU-T)

B.O.(FTD)No.338/2020/D(T,SO&S)/T7/TransGrid/Thuravoor/20-21 dated,Thiruvananthapuram, **20.05.20**

Read: (1) B.O (FTD) No. 3284/2017/D (T&SO)/PSE/TransGrid(S)/AIS-II Package/2017-18 dated 29.12.2017

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

(3) Note No : D(T,SO &S)/T7/TransGrid/Thuravoor/2020-10/162 dated 11.05.2020 of the Director(T,SO&S) submitted to the Full Time Directors(Agenda 23/5/20)

ORDER

Administrative Sanction was accorded for the construction of a 220kV Air Insulated Substation at Thuravoor at an estimated cost of Rs 52 Crore, as per B.O read as (1) above , based on the assumption of getting 8 acres of land from the Kerala Water Authority (KWA). But KWA has informed that only 2 acres can be spared for the purpose and accordingly, the Government has issued orders approving transfer of 2 acres of land to KSEB Ltd. This land is most suitable for the construction of the substation due to its proximity to the existing 110 kV substation,Thykattussery as evacuation of power from the proposed substation will be easier. Hence a Gas Insulated Substation is proposed to construct in the land identified in KWA property.

The Chief Engineer (TransGrid) submitted a Detailed Project Report with the estimate for an amount of ₹ 63.40 Crore (Rupees Sixty three crore forty lakh only) including GST for the Thuravoor GIS package which involves the construction of 220 kV GIS substation at Thuravoor, Alapuzha District which would receive power at 220kV level from the proposed 400 kV Substation, Kottayam.

The project is included in the TransGrid Project-Phase II and is to be funded from KIIFB. The Load flow study conducted is confirming the benefits and technical feasibility. The IRR for the project is estimated to 11.92%.

The DPR committee held on 24.04.2020 approved the proposal and decided to place the matter before the FTD for approval. Sanction has been accorded as per order read 2 above to approve the

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 15.05.2020, Resolved to accord revised Administrative sanction for an amount of ₹ 63.40 Crore (Rupees Sixty Three crore forty lakh only) including GST for the Construction of 220 kV Gas Insulated Substation at Thuravoor, Alappuzha under the TransGrid 2.0 project by modifying the B.O dated 29.12.2017 to this extent.

Further resolved to accord sanction to submit the DPR of 220 kV Gas Insulated Substation, Thuravoor to KIIFB for securing funding as part of TransGrid 2.0 project.

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.

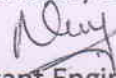
The RAO/ RAO.

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

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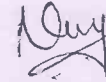
Forwarded / By Order


Assistant Engineer

Appended to B.O.(FTD)No.338/2020/D(T,SO&S)/T7/TransGrid/Thuravoor/
20-21/dated 20.05.20

Construction of 220/110kV GIS Substation, Thuravoor, Alappapuzha District (Engineering, Procurement, Contracting for supply of materials, labour charge, erection, testing and commisisoning complete under turnkey contract)		
Abstract Estimate		
Sl No	Description Materials	Total Amount -Rs Including GST
1	Land Purchase Cost(inclusive 12% reg charge)	14560000.00
2	Materials Cost	456430377.00
3	Spares Cost	18789663.00
4	Labour Charge	25836664.00
5	Civil Works - Building, Road & Drain etc.	114099967.00
6	Gis room electrification	1395047.00
7	Approval Charges	1250002.00
9	Office Furniture and Miscelleneous Items	985300.00
		633347020.00
	Unforeseen & Contigencies	652980.00
	Grand Total - Rs. Lakhs	634000000.00

Forwarded / By Order



Assistant Engineer