



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

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

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ABSTRACT

400/220 kV MCMV Power Transmission line Tower (MLA Type)-Submission of Design Patent before Design Patent Authority of India- Sanctioned - orders issued.

Corporate Office(SBU-T)

B.O.(FTD)No.973/2019/D(T&SO)/T7/TransGrid/Design/19-20 dated,Thiruvananthapuram, 30 .12.19

Read: Note No.D(T&SO)/T7/TransGrid/Design/19-20 dated 13.12.2019 of the Director(T&SO)

(Agenda : 54/12/19)

ORDER

As part of TransGrid 2.0 project, KSEBL had designed an innovative Extra High Voltage power transmission line tower structure "Narrow Base 400/220kV Multi Circuit Multi Voltage Extra High Voltage (EHV) power transmission tower structure for constructing 400/220kV power line with V string suspension arrangements for 400kV & 220kV conductors along 35m wide Right of Way" for the construction of 400/220kV MCMV power line from Madakathara to Areakode. The design of the special tower structure was necessitated due to difficulty in finding corridor for the installation of tower structures and associated lines in the state of Kerala. Also, this was done to overcome the conventional requirement of 46m Right of Way for the construction of 400kV Transmission line as per the CBIP guidelines applicable in the country. For meeting the specific site requirement, KSEBL has incurred expenditure, time and efforts to design the tower, proto fabrication and successfully tested at CPRI. The Central Electricity Authority has also accepted the design and the project was funded through PSDF under innovation scheme of Ministry of Power.

Having considered the matter that, KSEBL should be beneficial in the future on patenting the innovative EHV power transmission line tower designed for Ernad Line Package under TransGrid 2.0 project, the Full Time Directors in the meeting held on 20.12.2019,

Resolved to accord sanction for the following:

- (i) For patenting 'MLA type – Suspension Tower' by KSEBL under Class 13 "EQUIPMENT FOR PRODUCTION, DISTRIBUTION OR TRANSFORMATION OF ELECTRICITY" for next ten years, by remitting the applicable statutory fee.
- (ii) To authorize Chief Engineer (TransGrid) to take all necessary steps for the submission of design patent application which includes payment of statutory fees ,submission of letters, application forms, all supporting documents, representations, receive notices from the authority, and furnishing appropriate reply as the case may be , in this regard to the Patent Authority of India on behalf of Kerala State Electricity Board Ltd.

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

Fair Copy Superintendent/Library/Stock File.

Forwarded / By Order


Assistant Engineer