



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

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ABSTRACT

Procurement of ETAP Automation and PLS-CADD software for the Project Execution team under TransGrid - Sanction accorded - Orders issued.

BO (FTD)No.970/2022(DIRTSO-AE5/2022/3558)

Thiruvananthapuram, Dated: 23.12.2022

- Read: 1. Note No. DB 14/CE/TG/Computer/Software/22-23/1249 dated 11.11.2022 of the Deputy Chief Engineer in charge, TransGrid.
2. Note No. DIRTSO-AE5/2022/3558/1E1 dated 09.12.2022 of the Director (Transmission, System Operation, Planning & Safety) to the Full Time Directors (Agenda Item No. 45.12/22).

ORDER

Large volume of works associated with Design/Drawings/GTP approvals, Technical Clarifications, Factory Inspection and Acceptance, Manufacturing Quality Plan, Field Acceptance and Quality Assurance for the ongoing and proposed substation and line packages under TransGrid are being handled in the office of Chief Engineer, TransGrid. For timely verification and approval of these works, expertise and knowhow of experienced personnel and appropriate software are highly essential. No external consultant agencies were engaged for TransGrid projects so far, instead the in-house Design & Engineering wing is handling all the duties.

The contractors of TransGrid projects are submitting their documents/drawings/engineering inputs which are originated using software like ETAP, CYME or STAAD Pro, AutoCAD and PLS-CADD etc. Hence, it is very essential to have licensed software for vetting of the proposals. If proper software tools are available, the verification and approvals can be made faster, and better designs and solutions can be evolved. With the help of these tools an optimized design can be finalized well before the tender stage itself, which will eliminate future apprehensions like variations from the approved BOQ.

In submitting an estimate amounting to Rs. 28,49,000/- including taxes as per note read as 1st above, which is prepared based on the budgetary offers collected, the Deputy Chief Engineer in charge, TransGrid requested sanction for procuring ETAP, PLS-CADD and TOWER software for use by the Design Cell in the O/o Chief Engineer, TransGrid. The DCE in charge indicated that the expenditure for the purchase can be met from the centage charges disbursed by KIIFB.

The officers engaged in the design wing have got good expertise in design aspects. Equipping this expert team with advanced software will be advantageous for accurate and timely completion of works. Considering the essentiality of using licensed software for attaining effective project execution and management both in terms of technical and financial

aspects, the matter to procure ETAP, PLS-CADD and TOWER software for TransGrid is placed before the Full Time Directors as per note read as 2nd above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 19.12.2022, resolved to authorize the Chief Engineer, TransGrid to procure the licensed software viz. ETAP and PLS-CADD & TOWER for use by the Design cell in the office of Chief Engineer, TransGrid at an estimated cost of Rs 28,49,000/- for meeting the design requirements of the major transmission projects being implemented by TransGrid.

Further resolved to obtain technical inputs from IT wing also regarding software procurement for this purpose.

Orders are issued accordingly.

By Order of the
Full Time Directors



LEKHA G
Company Secretary

To:

The Chief Engineer, TransGrid

Copy to: The Financial Adviser/ Chief Internal Auditor, Company Secretary

The TAs to CMD/ D(T,SO,P&S)/ D(D,IT &SCM)/ D(G-C)/ D(G-E & HRM)/

D(REES,S&W)

The PA to D(F)

The Senior CA to Secretary (Administration)

Stock File.

Forwarded / By Order



Assistant Engineer