



## KERALA ELECTRICAL AND ALLIED ENGINEERING CO. LTD.

(A Government of Kerala Undertaking)

Registered & Corporate Office

Mamala P. O., Kochi – 682 305

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### **Invite Expression of Interest for**

### **TECHNICAL CONSULTANTS**

Our Company is a multi-product Engineering Company with 50 plus years of experience and expertise in Engineering Industry, proudly serving a client base including Defence, Irrigation and Power Projects, Space Research Organizations, State Electricity Boards, Indian Railways and the General Public.

In line with our strategic objective of product diversification, we are planning to develop a 1220 kVA EMU Transformer for a Traction Electric supplier to Railways. For this, we are searching for a Technical Consultant / firm with experience in Designing, Manufacturing, and Testing of Traction Transformers.

In case of Technical Consultant, Minimum Qualification shall be B. Tech in Electrical / Mechanical Engineering

Retired senior officers (Department Heads/ General Manager Level) from reputed companies engaged in the manufacturing of traction transformers are preferred.

Experience: Minimum 10 years of experience in Designing, Manufacturing, and Testing of Traction Transformers, with a minimum of 3 years' experience in each section.

In case of Consultancy Firm, the firm shall have technical personnel with B. Tech in Electrical / Mechanical Engineering with Minimum 10 years of experience in Designing, Manufacturing, and Testing of Traction Transformers.

#### **Scope of Work:**

- Preparation of Bill of Materials & Estimate along with OGA drawings for submission of offer.
- Design of Traction Transformers as per Railway Specification, 3D Modelling, simulation and validation of Transformer Tank design.

- Preparation of Manufacturing Drawings and identification of RDSO approved vendors for raw materials / components required and preparation of other details / documents required for submitting to RDSO/Railways.
- Prototype development, testing and getting approval from RDSO. The consultant / Consulting Firm shall arrange experienced technicians for manufacturing the prototype as well as for commercial production at our factory.
- Training KEL team in Designing, Manufacturing and Testing of the Traction Transformers.

Interested candidates may apply with documents supporting their qualification and experience on or before 31.03.2024. On selection, the consultant / competent technical person(s) of the consulting firm shall have to visit our works and Railway / Customer offices, as and when required for consultation/discussions.

Expected design/ development fee / remuneration may also be indicated. Design/ development fee / Remuneration shall be lump sum or on monthly fee + per day fees during visits to our works/other offices.

Kochi – 682 305

Sd/-

14 March 2024

**Deputy General Manager (Projects)**