

REQUEST FOR EXPRESSIONS OF INTEREST: Consultancy Services for Electrical Engineer – Inspector for the Liberia Electricity Regulatory Commission

Job Details

End Date

Thursday, August 31, 2023

Job Description

The Liberia Electricity Corporation has received financing from the World Bank towards the cost of the Liberia Electricity Sector Strengthening and Access Project (LESSAP) and intends to apply part of the proceeds for Consultancy Services for Electrical Engineer- Inspector- LERC funded under the Liberia Electricity Sector Strengthening and Access Project (LESSAP).

The LEC is seeking the services of a consultant to serve as the **Electrical Engineer – Inspector** (EEI) for the Liberia Electricity Regulatory Commission, to assist the LERC operationalize the Inspectorate Unit within the Technical Regulation Department, and to enhance the Commission’s responsibilities in conducting inspection activities across the electricity value chain, including inspection of facilities, equipment, operations, and services of licensees in accordance with terms and conditions of licenses/permits, and technical requirements and standards as adopted by the Commission. The assignment will also require organizing and implementing all inspectorate tasks, activities, and functions under the supervision of the Director of Technical Regulation of LERC. The consultant will manage the electrical inspection division with respect to the enforcement of license terms and conditions, regulations, electrical codes, and laws covering the installation and maintenance of electrical supply and utilization systems.

The assignment shall be a fixed-term contract covering a period of two years, renewable annually with a three-month probational period.

The scope of Services and Responsibilities includes:

1. Verify through inspection, compliance of service providers with licensing terms and conditions, regulations and industry technical codes as carried in periodic reports of the providers;

2. Verify through inspection and testing the adequacy and compliance of supply installations with the relevant technical specifications and safety standards prior to commissioning and **certification of installations** for operations to commence.
3. Verify through inspection and testing the state and condition of plant and equipment constituting the supply system, their adequacy and compliance with maintenance schedules, safety, health and environmental management plan and procedures.
4. Verify through periodic inspection and assessment the level of fairness transparency and non-discrimination in the operations of service providers.
5. Verify and monitor through periodic reporting and inspection the performance of service providers in accordance with terms and conditions of connection agreements, service agreements, operational and coordination agreements with other service providers and relevant customers
6. Verify through inspection and periodic testing the quality of supply in terms of delivery voltages, frequency, and reliability of supply.
7. Verify through inspection of service provider's plant, documentation, records, or books to ascertain the condition of facilities, operational standards, the quality of service and other relevant practices in line with approved regulations, guidelines, protocols, financial and technical performance benchmark targets.
8. Verify and conduct spot checks including system performance audits to ascertain or otherwise the level of losses at different sections and levels of the power supply system.
9. Monitor and supervise decommissioning of plant or equipment to ensure compliance with approved decommissioning plans
10. Verification of adherence to routine inspection cycle of plant and equipment by service providers and validation of corrective and/or inspection repair actions implemented by service providers.
11. Provide recommendations for the determination or review of codes, regulations, and standards relevant to the inspection of installations.
12. Interfacing with licensed service providers (as the face of LERC) regarding defects/problems associated with electrical systems/installations.
13. Investigations of incidents/accidents resulting in loss of life or grievous hurt to any person that occurred in connection with electrical installations or plant or apparatus and submission of findings to the relevant authorized officials.

Detailed Terms of Reference (ToR) for the assignment can be accessed from the following link <https://lecliberia.com/wp-content/uploads/TOR-INSPECTOR-LERC.pdf>

The Liberia Electricity Corporation now invites eligible and selected Individual Consultants (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services that includes a signed Expressions of interest (EOI), a detailed curriculum vitae, at least three contactable references, and copies of academic and professional qualifications. The shortlisted candidates will be invited for oral interviews.

Job Related Qualifications

Required Education/Qualification and Experience

An ideal candidate should demonstrate the following:

- Must have at least a B.Sc. Degree in electrical engineering or relevant field of practice, a master’s degree in power system engineering will be an added advantage
- Minimum of three years’ experience in the power sector (generation, transmission, or distribution of electricity)
- Must possess verifiable experience in electrical installations and testing.
- Membership of a recognized professional engineering (or other relevant) body or association is desirable.

Required Skills and Competencies

The consultant must demonstrate the following skills and competencies:

- electric power system construction, installations, operations, and maintenance.
- electrical materials and equipment installation and quality of supply.
- knowledgeable of national electrical codes, regulations, and laws.
- Knowledgeable of occupational hazards, health, and safety precautions of the electrical industry.
- planning, organizing, and supervising inspectional activities.
- analyze and interpret wiring diagrams, sketches, drawings, and specifications of electrical
- Hands on competencies in the use of test equipment and apparatus
- ability to conduct energy audit and recommend actions to improve performance will be an added advantage.

The Consultant must have minimum qualifications and experience as per the Terms of Reference. The Consultant will be selected in accordance with the Individual Consultants Selection method set out in the Procurement Regulations for IPF Borrowers (July 2016 as Revised in November 2017 and August 2018, and November 2020).

Further information can be obtained at the address below during office hours, i.e., 0900 to 1600 hours GMT, Monday to Friday.

Expressions of interest must be delivered in written form to the address below via email on or before Thursday August 31, 2023, with subject: **Consultancy Services for Electrical Engineer – Inspector for** the Liberia Electricity Regulatory Commission , under the Liberia Electricity Sector Strengthening and Access Project (LESSAP)

Executive Director for Projects

Liberia Electricity Corporation

P.O. Box 10-165 Waterside

Water Street,

1000 Monrovia, Liberia

Email: projectsprocure@lecliberia.com and copied to lecprojects@lecliberia.com

Notice of Equal Opportunity Employment

We expect employees to be honest, trustworthy, and operate with integrity. Discrimination and all unlawful harassment (including sexual harassment) in employment is not tolerated. We encourage success based on our individual merits and abilities without regard to race, color, religion, national origin, gender, sexual orientation, gender identity, age, disability, marital status, citizenship status, military status, protected veteran status or employment status. We support and obey laws that prohibit discrimination everywhere we do business. We fully consider all qualified applicants including those with a criminal history.