



Rural and Renewable Energy Agency

Securing modern energy access for all Liberians



Liberia Renewable Energy Access Project (LIRENAP)

Project ID: P149683

REQUEST FOR EXPRESSIONS OF INTEREST (CONSULTING SERVICES – INDIVIDUAL SELECTION)

Issue date: August 14, 2019

Closing date: August 30, 2019

Consultancy Services for Electrical Engineer to be assigned in Monrovia, Liberia
Contract Reference No: RREA/LIR/CONS/15

The Government of Liberia has received financing from the World Bank toward the cost of the Liberia Renewable Energy Access Project (LIRENAP), and intends to apply part of the proceeds for consulting services: Electrical Engineer.

The consulting services (“the Services”) include to coordinate and supervise all Electrical Works and Services under the implementation of the LIRENAP and ensure timely and effective delivery of all activities of the project directly in relations to the construction of the T&D network and Diesel power plant, in accordance with the Project Implementation Manual (PIM) and Liberia’s Renewable Energy Investment Plan under Scaling-up Renewable Energy Program.

Specific tasks that will be performed and completed over a contract period of 12 months renewable based on performance will include:

Technical support:

The Consultant will serve as electrical engineering lead for the project and perform the following tasks, among others.

- Provide high level of technical sufficiency within RREA, including the identification and promotion of innovative and practical engineering solutions.
- Lead the preparation, review and evaluation of electrical engineering documents including Term of Reference, engineering designs, tender/bidding documents, technical reports and specifications, submittals, etc. Critical at this point is the review of
 - Bidding document for the supply and installation of the T&D network, and diesel plant;
 - Budget for the T&D component, most specifically customer connections, to ensure its adequacy and alignment with the overall budget and development objectives of the project.
- Provide required technical advice, input and documentation to the Project Coordinator on electrical engineering matters of the project.

- Manage or administer electrical engineering contracts, and affirm completion of the same.
- Review electrical engineering deliverables and initiate appropriate actions as possible.
- Conduct site visits as applicable to monitor physical implementation of electrical works.
- Manage compliance, quality control and assurance standards, and specifications of electrical related services & works.
- Review and certify payments for electrical engineering contracts of the project.

General

- Participate in information (data) gathering and desk review of all project related documents
- Participate in reconnaissance, pre-feasibility, and feasibility studies for the SREP project development
- Serve as local counterpart for firms or individual consultants carrying out various studies, assignments and field missions in Liberia during projects preparation and implementation
- Undergo on-the-job and other specialized trainings in various components of the SREP projects
- Preparing reports and relevant project documentations by reviewing and providing technical inputs
- Establish and maintain an effective communication channel with all LIRENAP stakeholders and others.
- Perform other details as may be assigned.

The RREA now invites eligible individuals (“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. The shortlisting criteria are:

Qualifications, Experience, and Competencies

- Minimum Bachelor’s degree in Electrical Engineering or related field of study.
- At least 4 years’ experience in electrical engineering, contract management, or project planning experience (scope, schedule, cost, quality) and appropriate involvement in similar projects in developing countries.
- Proven computer platform experience, with strong working knowledge of design and project management software, including AutoCAD, ArcGIS, etc.
- At least 2 years’ experience supporting the evaluation of tender/bidding documents, preparation of Term of Reference, Engineering Change Request (ECR), Engineering Change Orders (ECO) processes, and review of electrical engineering designs.
- Working knowledge of renewable energy systems and technologies



Rural and Renewable Energy Agency

Securing modern energy access for all Liberians



- Proven understanding of compliance and quality assurance guidelines and best practices.
- Understanding of the energy sector in Liberia including the priorities set forth in the PAPD
- Experience working with/ in rural communities in diverse areas of Liberia
- Working knowledge of World Bank financial management and procurement rules/guidelines will be an added advantage.

Required Qualities

- Ability to work under pressure and meet critical deadlines
- Fluency in spoken English and ability to write lucid reports and documents in English
- Excellent interpersonal skills, sound judgment, communication skills, ability to identify and resolve policy and operational constraints
- Strong organization skills and ability to work in a team-oriented, culturally diverse environment.
- High levels of personal initiative, motivation, honesty, integrity, and willingness to undergo on-the-job training
- Proficiency in computer applications (Internet and MS Office suite) and report writing skills;
- Basic knowledge of GPS/GIS applications will be an asset

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank’s *Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers* January 2011 (“Consultant Guidelines”), setting forth the World Bank’s policy on conflict of interest.

Further information can be obtained at the address below during office hours *i.e. 0900 to 1700 hours*.

Applications; clearly marked Consultant for **Electrical Engineer**, must be delivered in a written form to either of the below addresses (**in person, or by e-mail**) on or before 5PM Local Time, on August 30, 2019. Only shortlisted candidates will be contacted.

Rural and Renewable Energy Agency, Attn: Samuel B. Nagbe, Jr. Project Coordinator Liberia Renewable Energy Access Project Old LEC Substation, Newport Street 1000 Monrovia, 10 Liberia
Email: samueln@rrealiberia.org Cc: info@rrealiberia.org ; augustinem@rrealiberia.org ; lesterk@rrealiberia.org ; stephenp@rrealiberia.org

