



Kigali, on 15 DEC 2020.....

Ref: N° 11.07.023/009...../2020/MD-EDCL/FG /ug/jr

REQUEST FOR EXPRESSIONS OF INTEREST

Title of Tender: Recruitment of consultant firm for environmental and social audit for 220kV Rwanda-Uganda and Rwanda-DRC transmission lines.

Tender Reference: N°005/S/2020/REOI/EDCL-NELSAP

Introduction and background

The Government of Rwanda (GOR) has received a grant from African Development Bank and the German Development Bank (KfW) for the construction of 220 kV interconnection with neighbouring countries. This is a part of a wider regional project that aims at interconnecting five of the Nile Equatorial Lakes Countries namely Burundi, DR Congo, Kenya, Rwanda and Uganda; The project seeks to improve the living conditions of people, as well as the quality of socioeconomic development environment of the region based on availability of affordable electric energy and accessibility of communities to power through increased cross-border electric power trade. Therefore, EDCL seeks the services of a **consultant firm** to carry out the environmental and social audit of 220kV Rwanda-Uganda Transmission Line Project and 220kV Rwanda-DRC Transmission Lines.

Objective of the Services

The main objectives of the Environmental Audit are to identify the nature and extent of all environmental and social areas of concern of those transmission Lines and substations and assess their current status as per the requirement of the Government's and international environmental laws and regulations; and to identify and justify appropriate measures and actions to mitigate the areas of concern. To provide certificates to project managers that will aid the transition to professional project management, reducing project time and cost overruns by focusing on below subjects

Scope of the work

The consultant firm will carry out the audit of the 2 transmission Lines including the substations of Shango and Birembo and 2 substations of Bwishyura and Rubavu which are under construction including its equipment, facilities and operations.

Expected deliverables and timelines

The consultant firm will deliver the following outputs:

- **Inception Report:** The consultant firm shall prepare and submit an inception report which briefly describes the detailed work plan, the methodology and approach of the environmental and social audit process, contents of the audit, and key information required for achieving the objectives of the assignment. The consultant firm shall submit two soft/electronic and two hard copies of the inception report to the client not later than four days after the commencement of the consultancy.

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DN: cn=EDCL, o=EDCL, email=info@edcl.reg.rw, c=RW

- **Draft Environmental and Social Audit.** The consultant firm shall prepare and submit draft audit not later than 20 days after the commencement of the consultancy.
- **Final Environment and Social Audit:** The consultant firm shall submit the final audit (after incorporating inputs and comments received from relevant stakeholders, including the client, the AFDB, and participants of a consultative workshop) not later than 30 days after the commencement of the consultancy.

Audit team

The assignment will be carried out by a team comprising of specialists as stated below:

- **Team leader: Environmental Expert** which is on a list of Environmental Impact Assessment Expert of RAPEP with a Bachelor's degree in Environmental Sciences or relevant discipline and At least 15 years of professional experience in Environmental Studies.
- **Electrical Engineer:** Bachelor's Degree in Electrical Engineering and at least 10 years' experience in Transmission Lines and Substations
- **Social Development Specialist:** Bachelor's Degree or equivalent qualification in social development or relevant discipline and At least 10 years of professional experience in the social development.

The selection method will be **Quality and Cost Based Selection**. At least three consultant firms with capacity to perform the required services will be shortlisted. The request for proposals will be issued to shortlisted consultant firms which will provide technical and financial proposals in separated envelops. Only financial proposals of the qualified consultant firm will be opened and evaluated.

All interested consultant firms should provide a description of the organization he plans to set for the required service and the list of his personnel/consultants, should present the signed expression interest, including the proof of experience required for consultant firm and qualification and experience of its requested consultants, their signed curriculum vitae (CV) and copy of degrees not later than 31.12/2020 at **5:00PM** (Local time).

The terms of references are available on REG website and DG Market.

Further information can be obtained at the address below during office hours from 08:00am to 17:00pm:

Energy Development Corporation Limited (EDCL)
 KN2 ST, Nyarugenge District, Kigali City,
 PO Box 3855 Kigali, Rwanda/ KCT 10th floor
 E-mail: procurement@edcl.reg.rw copy to jdruberanziza@edcl.reg.rw and gumushashi@edcl.reg.rw

Expressions of interest must be delivered by Email (above mentioned) in a written form to the address above by 31.12/2020

Done at Kigali, on 16.12/2020



Digitally signed by EDCL
 (Ag Head Procurement)
 Date: 2020.12.15 07:39:51
 +02'00'

Gentile UMUSHASHI
 Ag. Head of Procurement Management Services




Felix GAKUBA
 Managing Director EDCL

TERMS OF REFERENCE (TORs) FOR RECRUITMENT OF INDIVIDUAL CONSULTANT FOR ENVIRONMENTAL AND SOCIAL AUDIT FOR 220kVRWANDA-UGANDA AND RWANDA-DRC TRANSMISSION LINES.

PROJECT NAME: CONSTRUCTION OF 220kV INTERCONNECTION ELECTRIC GRIDS OF NELSAP IN FIVE OF THE NILE NEIGHBORING COUNTRIES

GRANT # 2100155018518

1. INTRODUCTION AND BACKGROUND

The Government of Rwanda (GOR) has received a grant from African Development Bank and the German Development Bank (KFW) for the construction of 220 kV interconnection with neighbouring countries;

This is a part of a wider regional project that aims at interconnecting five of the Nile Equatorial Lakes Countries namely Burundi, DR Congo, Kenya, Rwanda and Uganda;

The project seeks to improve the living conditions of people, as well as the quality of socioeconomic development environment of the region based on availability of affordable electric energy and accessibility of communities to power through increased cross-border electric power trade.

Therefore, EDCL seeks the services of a national consultant firm to carry out the environmental and social audit of 220kV Rwanda-Uganda Transmission Line Project and 220kVRwanda-DRC Transmission Lines.

2. Objectives

The main objectives of the Environmental Audit are to identify the nature and extent of all environmental and social areas of concern of those transmission Lines and substations and assess their current status as per the requirement of the GoR's and international environmental laws and regulations ; and to identify and justify appropriate measures and actions to mitigate the areas of concern.

3. Project description

The regional Interconnection System Rwanda-Uganda and Rwanda-DRC. is a multipurpose project in the framework of Nile Equatorial Lakes Subsidiary Action Program (NELSAP).

The objective of the transboundary transmission line projects are s to increase cross-border energy and power trade between DRC, Rwanda and Uganda in order to improve the socioeconomic living conditions of people and foster the economic development in the region, through safety and affordability of supply, as well as flexibility in the operation of the interconnected networks.

The project will interconnect the electricity networks of the DRC, Uganda and Rwanda. This involves increasing the capacity and ease of operation of the transmission network and improving the reliability of electricity supplies to the 3 countries.

The line routes and associated substations are located mainly in the west highlands of Rwanda for Rwanda-DRC Transmission Line and in east lowland for Rwanda-Uganda Transmission Line.

The electrical interconnection Rwanda-Uganda and Rwanda-DRC interconnect 6 substations: Mirama in Uganda, Shango, Birembo, Goma in DRC, Rubavu and Bwishyura

4. Scope of the work and tasks

The consultant firm will carry out the audit of the 2 transmission Lines including the substations of Shango and Birenbo and 2 substations of Bwishyura and Rubavu which are under construction including its equipment, facilities and operations.

Task N°1. Description of the project

The task shall provide background information about the project, this will include:

- Describe the project activities and geographical, hydrological, geological, environmental, social data, and temporal context
- Include maps of sufficient details, showing the site of the existing project or activities.

Task N°2 Institutional, Legislative and Regulatory considerations

This task will address relevant institutional, legislative and regulatory frameworks applicable to the project. In this regard, this task will focus specifically on reviewing the requirements of the GoR's and international environmental and social policies and legal frameworks, along with the institutional arrangement.

Task N°3 Environmental and social issues, risks and impacts of the transmission Lines and substations

The audit will consider the key environmental and social issues, risks and impacts relating to the existing project or activities. This will cover the risks and impacts as per the requirements of the GoR's laws and regulations, the World Bank environmental and social standards.

In this context, the consultant will assess:

- Assess the environmental and social risks and impacts of the transmissions lines and substations on ecosystem including rivers, lakes, soil/erosion, wetlands, flora, fauna and avifauna,

- Assess the Environmental risks and impacts of the project on: Solid waste, hazardous material/chemical, wastewater as well as the contamination of land due to the anthropogenic releases of hazardous materials, wastes or oil.
- Assess the project impacts on local land use patterns and tenurial arrangements, land access and availability, food security and land values, and any corresponding risks related to conflict or contestation over land and natural resource tenure and use.
- Assess health and safety issues related to communities and projects workers as follows:
 1. **Project workers:** Assess and evaluate On-site occupational health and safety practices, related to facility design and operation, communication and training, hazards and monitoring, based on, among other, documentation of occupational accidents, diseases and incidents, including fatalities, related to project workers; available remedies for adverse impacts such as occupational injuries, deaths, disability and disease; and emergency prevention and preparedness and response arrangements to emergency situations, among others; and
 2. **Community health and safety:** Conduct a site environmental and health risk assessment to determine impacts and risks posed to the surrounding communities.
- Assess if any cultural heritage was affected by the project

Task N°4. Proposed Environmental and Social Measures

Based on the findings of the audit, set out the suggested measures to address such findings. The suggested measures will include, but not limited to, the following:

- Specific actions required to meet the safeguards requirements of the GoR laws and regulations, and the international environmental and social standards, and EHS guidelines;
- Corrective measures and actions to mitigate potentially significant environmental and social risks and impacts associated with the transmission lines and substation;

Task N°5 Stakeholder consultations and participations

This task will carry out meaningful stakeholder consultations and participation through identifying both project-affected parties and other interested parties. The consultation will be carried out on an ongoing basis as the nature of issues, impacts and opportunities evolves. It will also assess past or ongoing stakeholder engagement activities, including the status of any previous agreements. Overall, please note the following to carry out meaningful stakeholder consultation.

This task will also assess grievance mechanism for project-affected parties (PAPs) and communities whether it is put in place and responds to their concerns and grievances related to the environmental and social performance of the transmission lines and substations.

Task N°6 Review of Safeguards Instruments.

Review available documentation on the project including Loan/grant agreements with focus on the E&S covenants; ESIA/ESMP and RAP reports prepared; relevant project implementation and progress Reports; and applicable national legal requirements, permits and certificates with relevance to implementation of national environmental and social safeguards policies.

Task N°7 Review compliance with the AfDB Integrated Safeguards System (ISS)

Review the Integrated Safeguards System (ISS) of the AfDB with emphasis on the applicable requirements for a Category 1 project; Environmental and Social Impact Assessment reports (ESIA); Resettlement Action Plan reports (RAP); and Environmental and Social Management Plan (ESMP).

Task N°8 E&S Safeguards Capacity Assessment

Hold consultation(s) with the PIU(s) to understand capacity and the status of the implementation of mitigation measures for all identified E&S risks and impacts. Evaluate the existing institutional structures for managing and monitoring the implementation of agreed mitigation measures and related E&S documents applicable to the project (ESIA, ESMPs, RAPs, ESMF, RPF etc)

4. Methodology

The methodology for the environmental and social audit will follow desk reviewing of all relevant documentation related to the tasks mentioned above; assess environmental and social issues, risks and impacts associated with the existing project or activities; assess the potential environment and social impacts of the proposed rehabilitation project; and propose environmental and social actions and measures. It will also include site observation of biophysical, biodiversity and critical habitats and social environment in the project setting; and consultative meetings with relevant institutions, key informant interviews (substations staff), and focus group discussions with concerned stakeholders to gather relevant data and information. It will comprise consultation workshop to seek additional information and reconfirm the assessment as well.

5. Expected deliverables and timelines

The consultant firm will deliver the following outputs:

- **Inception Report:** The consultant firm shall prepare and submit an inception report which briefly describes the detailed work plan, the methodology and approach of the environmental and social audit process, contents of the audit, and key information required for achieving the objectives of the assignment. The consultant firm shall submit two soft/electronic and two hard copies of the inception report to the client not later than four days after the commencement of the consultancy.
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6. Format of Audit report

1. Executive summary
2. The audit team
3. The audit methodology
4. The audit findings
5. Recommendations
6. Environmental Management Plan
7. Annexes

7. Audit team

The assignment will be carried out by a team comprising of specialists as stated below:

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