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Kigali, on 30/12/2020

Ref: N° 11.07.023/055/2020/MD-EDCL/FG /ug/sm

## **REQUEST FOR EXPRESSIONS OF INTEREST**

**Project Name: Energy Access and Quality Improvement Project**

**Title of Tender: Hiring a consulting firm to conduct supervision of rural electrification construction works under Rwanda Energy Access and Quality Improvement Project**

**Tender Reference N°: 004/S/2020-2021 /CQBS/RUEAP/ EAQIP**

The Government of Rwanda, in its effort to sustain the economic growth, has increased and stabilized the power production since the severe power shortages in 2004. The country has currently achieved 226 MW and an access rate of 54%. Rwanda now targets more than 500 MW and universal access by 2024.

The **Government of Rwanda** has received financing from the **World Bank (WB)** and **Agence Française de Développement (AFD)** toward the cost of the **Energy Access and Quality Improvement Project**, and intends to apply part of the proceeds toward payments under the Contract for SUPERVISION OF RURAL ELECTRIFICATION CONSTRUCTION WORKS UNDER RWANDA ENERGY ACCESS AND QUALITY IMPROVEMENT PROJECT.

### **1. OVERALL GOAL OF THE CONSULTANCY**

The overall objective of the consultancy is to supervise the extension of existing MV national grid through construction of 902 km of MV (30 kV) distribution lines and 2,127 km of LV (0.4 kV) network and connection to 131,050 households. This project will address access to electricity in the Northern and Western provinces of Rwanda (namely Gicumbi, Musanze, Rulindo, Burera, Ngororero, Nyabihu and Rubavu Districts). The works will include procurement of the required poles, conductors, transformers, energy meters, and other connection hardware and local installation services. This component will mainly be implemented on a turnkey contract basis..

### **2. SPECIFIC ASSIGNMENT**

The purpose of the consultancy service is to carry out the role of supervision for energy access construction works. The consultant will carry out the scope outlined below up to commissioning and preparation of final Project Completion Reports

The Consultant tasks shall include but not limited to the following:

- a) Review, update and finalize the design and specifications prepared by the contractors and Energy Development Corporation Limited (EDCL) office in order to ensure that they conform to acceptable international standards,
- b) Assist EDCL's project team in contracts negotiations for all construction contracts with successful bidders, and preparation of all contracts and minutes of negotiation in coordination with EDCL's team, and submission of such draft contracts and minutes of negotiation for "No objection" to the Bank,
- c) Preparation and submission to EDCL's project team detailed project implementation schedule for onward submission to the Bank,
- d) Supervision of the implementation of the project and establishment of a Project Site Organization as specified in ToRs
- e) General administration of the Project as detailed in the ToRs.
- f) Ensuring that the environmental and social impact mitigation and monitoring measures in the Project's Environmental and Social Management Plan (ESMP) and the Environmental and Social Impact Assessment (ESIA) included in it are appropriately executed by the contractors as well as by relevant community and district and local government authorities;
- g) Preparation and submission of Project Completion Report, outlining, inter-alia, achievements in relations to objectives and targets in accordance with the World Bank's (WB's) requirements.

### **3. TENTATIVE TIMETABLE**

This consultancy will be for a period of 30 months from contract effectiveness date.

### **4. EXPERTISE REQUIRED**

#### **Consultancy Firm:**

The Consultant must be highly qualified for design, supervision and implementation of the project, and for that purpose should submit evidence of firm's previous experience in works associated with design, supervision and construction management of similar nature (experience in the supervision of distribution line and/or transmission lines projects) and preferably of projects located in Rwanda.

All site supervision staff should have adequate experience, similar to this Project area. In addition, it is required that all field personnel of the Consultant be proficient in international communication skills, particularly in English.

The Consultant should supply a description of the organization he plans to set up for the project and the list of his personnel with their Curriculum Vitae (CV) to be assigned to work in Rwanda for effective supervision and project management.

## **Consultant Key Staff:**

The Consultant's Project Home Office and Site Organization Office shall comprise of the following key personnel but not limited to: **Resident Project Manager , Distribution Network Design Engineer, Distribution Network Supervisor and Environmentalist & Social expert**

Six 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.

All interested consultant firms should provide the above requirements, by presenting the signed expression of interest, including the proof of experience required for consultant firm, list of trainers with their tasks, their qualification and their experience, their signed curriculum vitae (CV) and copy of degrees not later than **28/01/2021 at 5:00PM** (Local time). The consultant firm will be selected in accordance with World Bank guidelines and through the Quality and Cost Based Selection. The detailed information is in terms of references published on REG website ([www.reg.rw](http://www.reg.rw)) and on <https://tenders-afd.dgmarket.com/index.do>

Expressions of interest in a written form must be delivered electronically on the following email addresses: [procurement@edcl.reg.rw](mailto:procurement@edcl.reg.rw) copy to [smunyawera@edcl.reg.rw](mailto:smunyawera@edcl.reg.rw) not later than **28/01/2021 at 5:00PM (LOCAL TIME)**

Done at Kigali, on 30/12/2020

**Gentile UMUSHASHI**  
**Ag. Head Procurement Management Services**

**Félix GAKUBA**  
**Managing Director**

## 1.1 TERMS OF REFERENCE

### 1.2 FOR CONSULTANCY SERVICES RELATED TO THE

### 1.3 SUPERVISION OF RURAL ELECTRIFICATION CONSTRUCTION WORKS UNDER RWANDA ENERGY ACCESS AND QUALITY IMPROVEMENT PROJECT

#### 1. PROJECT CONCEPT & AREA

**The Project is consisting of increasing access to grid electricity** in selected districts of northern Rwanda, namely Gicumbi, Musanze, Rulindo, Burera, Ngororero, Nyabihu and Rubavu.

#### 2. THE PROJECT OBJECTIVE

The project's broad objective is to support ***"improvement of access to reliable and cost effective electricity services for households and priority public institutions and sustain the reliability of electricity supply in Rwanda and strengthen the institutional capacity of key sector players in the project."***

The project is intended to:

- Connect approximately 131,050 households to national electricity grid;

The project will thus result in improved access to electricity for households and priority public institutions in the proposed project area and Sustained reliable electricity supply

#### 3. PROJECT DESCRIPTION

The existing MV national grid will be extended through construction of 902 km of MV (30 kV) distribution lines and 2,127 km of LV (0.4 kV) network and connection to 131,050 households. This project addresses access to electricity in the Northern and Western provinces of Rwanda. The works include procurement of the required poles, conductors, transformers, energy meters, and other connection hardware and local installation services. This component will mainly be implemented on a turnkey contract basis, other than household connections and procurement of energy meters.

The project will cover 7 Districts and deliverables will be as follows:

<b>DISTRICTS</b>	<b>MV line (km)</b>	<b>LV line (km)</b>	<b># of households to be connected</b>
RUBAVU	136	245	17,228
NYABIHU	164	384	26,923
NGORORERO	180	604	22,052
BURERA	147	283	17,171
RULINDO	124	375	15,361
MUSANZE	151	236	17,090
GICUMBI	156	246	15,225

#### **4. PROJECT FINANCING**

The International Development Fund Agency (IDA) will finance the total cost of the project.

#### **5. PROCUREMENT OF WORKS, GOODS AND SERVICES**

Due to wide geographical spread of the project area, the volume and nature of works, the project shall be packaged into Seven (7) contracts, namely:-

- I. Electrification of Bukure; Bwisige; Byumba; Cyumba; Giti; Kageyo; Manyagi; Miyove; Mukarange; Muko; Mutete; Nyamiyaga; Nyankenke; Rubaya; Rukomo; Rushaki; Rutare; Ruvune; Rwamiko; and Shangasha sectors of GICUMBI District
- II. Electrification of Busogo; Cyuve; Gacaca; Gashaki; Gataraga; Kimonyi; Kinigi; Muhoza; Musanze; Muko, Nkotsi; Nyange; Remera; Rwaza; Shingiro sectors of MUSANZE District
- III. Electrification of Base; Bushoki; Buyoga; Cyinzuzi; Cyungo; Kinihira; Kisaro; Masoro; Mbogo; Murambi; Ngoma; Ntarabana; Rukozo; Rusiga; Shyorongi; Tumba sectors of RULINDO District
- IV. Electrification of Bungwe; Butaro; Cyanika; Cyeru; Gahunga; Gatebe; Gitovu; Kagogo; Kinoni; Kinyababa; Kivuye; Nemba; Rugarama; Rugengabari; Ruhunde; Rusarabuye; Rwerere sectors of BURERA District
- V. Electrification of Mukamira, Jenda, Bigogwe, Kabatwa, Kintobo, Rugera, Rurembo, Shyira, Jomba, Muringa, Rambura, Karago sectors of NYABIHU District
- VI. Electrification of Bugeshi, Busasamana, Cyanzarwe, Gisenyi, Kanama, Kanzenze, Mudende, Nyakiriba, Nyamyumba, Nyundo, Rubavu, Rugerero sectors of RUBAVU District

- VII. Electrification of Bwira, Gatumba, Hindiro, Kabaya, Kageyo, Kavumu, Matyazo, Muhanda, Muhororo, Ndaró, Nyange, and Sovu sectors of NGORORERO District

## **6. SCOPE OF CONSULTANCY SERVICES**

### **1. General**

The purpose of the consultancy service is to carry out the role of supervision for energy access construction works. The consultant will carry out the scope outlined below up to commissioning and preparation of final Project Completion Reports.

The Consultant tasks shall include but not limited to the following:

- h) Review, update and finalize the design and specifications prepared by the contractors and Energy Development Corporation Limited (EDCL) office in order to ensure that they conform to acceptable international standards,
- i) Assist EDCL's project team in contracts negotiations for all construction contracts with successful bidders, and preparation of all contracts and minutes of negotiation in coordination with EDCL's team, and submission of such draft contracts and minutes of negotiation for "No objection" to the Bank,
- j) Preparation and submission to EDCL's project team detailed project implementation schedule for onward submission to the Bank,
- k) Supervision of the implementation of the project and establishment of a Project Site Organization as specified below:-
  - i) Examination and approval of the Contractor's/suppliers detailed design proposals and detailed drawings for compliance with the specifications in accordance with sound engineering practice;
  - ii) Supervision of civil works and erection works on site and ensure that they are done in compliance with the contract plan and specifications both as the quality and timing,
  - iii) Monitor procurement, delivery and management of materials and equipment at sites.
  - iv) Supervision and approval of site test and commissioning of equipment, system and facilities,
  - v) Check and approval of complete set of "As-Built" drawings, and documentations, and hand over to EDCL the required quantities as specified in each Contract document.

l) General administration of the Project including:-

- i) Administration of all contracts and liaison with all contractors and EDCL such

that the various works/contracts be completed within the time set in each construction schedule.

- ii) Impartially advise on any dispute or differences that may arise between client/employer and the Contractor(s)/suppliers,
  - iii) Establishment of contract billing procedures, verification and certification of all contractor/suppliers billing before submission to EDCL for issue of authorization of payment,
  - iv) In consultation with the client/employer, issue provisional and final acceptance certificates to Contractor(s)/suppliers as per the terms and conditions of the contract,
  - v) The Consultant shall allow for possible ownership and expropriation issues which might arise during the construction phase;
  - vi) Preparation of monthly and quarterly project progress reports as required by EDCL and/or the Bank.
- m) Ensuring that the environmental and social impact mitigation and monitoring measures in the Project's Environmental and Social Management Plan (ESMP) and the Environmental and Social Impact Assessment (ESIA) included in it are appropriately executed by the contractors as well as by relevant community and district and local government authorities;
  - n) Preparation and submission of Project Completion Report, outlining, inter-alia, achievements in relations to objectives and targets in accordance with the World Bank's (WB's) requirements.

## **2. Detail**

This section describes a detailed scope of works of the Consulting Services required for the Project. The Consultant shall be responsible for the following works/services:-

### ***i. Contract Negotiation***

It is assumed that formal receipt of all Bids and contract negotiations shall be in the hands of EDCL.

The Consultant shall be available to assist EDCL in the negotiations with the successful Bidders.

After contract signing of all contracts, the Consultant shall prepare the detailed project implementation schedule together with expenditure schedule for each contract and submit to EDCL and the Bank.

### ***ii. Approval of Contractor's Drawings and Documents***

Approval of contractors and supplier's design drawings and documents shall be done by the Consultant. EDCL's project team and staff shall participate in the approval works and the Consultant shall provide general guidelines and widely accepted principles in the approval of design documents.

It is also the responsibility of the Consultant to review and approve the complete set of "As-Built" drawings and documents, and hand over to EARP the required quantities as specified in each Contract document.

### ***iii. Supervision and Quality Control of Construction Works***

The Consultant shall supervise the construction of the substations and distribution lines/networks during all the construction times. The Consultant shall submit monthly and quarterly progress reports, and approve the validity of payment requests by contractors/suppliers to enable EDCL to authorize the payment requests.

The supervision works shall include the inspection of distribution lines as carried out by the contractors.

The Resident Project Manager of the Consultant and his staff shall undertake close follow up to ensure that all materials and equipment are supplied, constructed, erected and completed in accordance with approved drawings and specifications and international technical standards. It is mandatory to witness the factory acceptance tests (FATs) for transformers, disconnectors and energy meters.

The Consultant shall provide Distribution Engineers for the following works:-

- Supervise contractor's construction procedures,
- Monitor the distribution lines construction schedules.
- Advise on the interpretation of contractual matter.
- Monitor the delivery, storage and management of equipment and materials to site.
- Supervise construction progress, test and commissioning procedures
- Witness and approve contractor's on site test and commissioning

### ***iv. Environmental and Social Mitigation Measures and Project's environmental and Social Follow up***

The Consultant must ensure that all the environmental and social impact mitigation and monitoring measures in the Project's Environmental and Social Management Plan (ESMP), Environmental and Social Impact Assessment (ESIA), Environmental Health and Safety Plan (EHSP) and Resettlement Action Plans/Abbreviated Resettlement Action Plans (RAPs/ARAPs) are appropriately executed by the contractors.



The Consultant shall perform environmental monitoring during all stages of the Project. The Consultant shall perform, among others, the following activities during the construction phase of the Project.

- a) To conduct environmental health and Social risks assessment prior to the project works for each sub-project;
- b) Checking proper storage and operation of equipment facilities and maintenance;
- c) Checking availability of adequately equipped first aids kits and training and appointment of first aiders,
- d) Checking health and safety awareness of the workers regarding the relevant hazards of their work,
- e) Ensuring full participation of affected people in the planning and implementation processes;
- f) Ensure that during the commissioning and operation phase the contractor has undertaken the final cleanup operation;
- g) Ensure that all construction contractors include a general environmental, social, health and safety management plan (ESHS-MP) in their bid proposal, based on the ESMP for the Project;
- h) Ensure that all construction contractors prepare an acceptable, detailed ESHS-MP and an HIV/AIDS Awareness and Prevention Plan prior to commencement of site preparation and construction activities;
- i) Ensure that all construction contractors implement the detailed HSES-MP and HIV/AIDS Awareness and Prevention Plan and otherwise adhere to sound construction management guidelines;
- j) Get an update on the project affected peoples (PAPs) socio-economic status regarding their livelihood even those who have moved out of the area to assess if the project has made them worst off or better;
- k) Review and approve the safeguards instruments (Site specific ESMP, SEP, LMP, GAP and EHSP) prepared by the contractors;
- l) Prepare and submit the Environmental and Social completion report at the end of each sub-project;
- m) Prepare and submit the monthly and quarterly report on Implementation of RAP, ESMP, SEP, LMP, GAP and EHSP.
- n) Conduct a labor audit in terms of bonded labor or employment of children under age;
- o) Conduct an audit of gender imbalances to ensure that a minimum or 10% women work force is maintained as per prepared GAP;
- p) Supervise the contractor's compliance to the Environmental and Social safeguards requirements as on annex of this document;
- q) Maintain good relationship with the Local Government Officials and Project Liaisons officers working at District Level.

The Consultant shall carry out the necessary environmental and Social monitoring activities together with environmental and Social monitoring unit of EDCL.

The Consultant shall include in his monthly and quarterly progress reports, activities performed concerning environmental and Social mitigation measures.

#### **v. *Site Meetings***

The Resident Engineers of the Consultant shall hold site meetings regularly as required with the contractors' site representatives and EDCL's Project staff.

The meeting shall deal with the following matters.

- Approval or rejection of executed work elements;
- Contractor's work schedule
- Contractor's work method,
- Temporary works and additional works (if any)

Minutes of the meeting shall be prepared and signed by the participating parties. Copies of the minutes shall be given to the participants and to the EDCL's Project Coordinator. Other members of the Resident Engineer's field staff shall also attend the meeting.

#### **vi. *Liaison Meeting***

Liaison meetings shall be held with EDCL on monthly intervals, either in Kigali or at project sites. The Resident Project Manager of the Consultant and other members of his field staff shall attend. The objectives of the meetings are:

- To thoroughly review the contents of progress reports;
- To resolve problems;
- To see into and discuss on the work progress of contractors;
- To review financial matters;
- To facilitate the Bank's mission in the supervision of the project.

The Consultant Resident Project Manager assisted by EDCL Project Coordinator or focal point shall chair the meeting. The consultant shall be responsible for the minutes of such a meeting.

#### **vii. *Site Diary***

A one page, one-day duplicate diary shall be maintained on site by the Resident Engineer. The site diary shall include:

- The weather conditions;

- Major works completed, accepted or rejected;
- Written instructions given to the contractors;
- Problems encountered; and
- Site meetings and other events, which have bearing on the project implementation.

## **viii. Reports**

### **a. General**

All reports shall be submitted in 3 copies to EDCL and simultaneously 2 copies to Financiers. Format of technical reports must be discussed and agreed upon with the EDCL Project Coordinator.

After incorporating any requested modifications, three (3) copies of the edited reports shall be submitted in final form to EDCL and two (2) copies to Financier (WB) within one month after approval of the draft report.

### **b. Progress Reports**

The Consultant shall prepare and submit monthly and quarterly progress report to the EDCL and/or the Bank. The quarterly progress reports shall be prepared in accordance with the Bank's guidelines. The reports by contracts shall at least include.

#### **i. Written description of:**

- Progress of the works and expenditure to-date;
- Progress of the works during the month;
- Future planned works and expenditure;
- Summary of the prevailing weather conditions at site during the reporting period.
- Technical problems, if any;
- Delays of any kind, if any
- List of Consultant's and Contractors' personnel
- List of machinery and equipment scheduled and made available of the works by the contractors; and
- Any other issues, which could facilitate or affect the progress of the work.

#### **ii. Tabulated summary of work progress**

#### **iii. Graphical presentation of:**

- Physical progress planned/actual;
- Cash flow planned/actual
- Expected future progress and expenditure; and
- Labor force size.

### ***ix. Payment Certificate***

The contractors/suppliers shall submit to the Resident Engineer of the Consultant, statement showing costs of the work executed up to the end of the month. The form of the statement shall be in accordance with standard format agreed by EDCL and the Consultant. All relevant measurement sheets and quality schedules shall be submitted together with the statement. The Resident Engineer of the Consultant shall compare the statement with his own records and solve issues of differences with the contractor's representative. The updated master copies of progress charts shall be submitted to EDCL's Office along with the monthly statement, the progress charts, the duplicate sheet, the works diary, the monthly site financial statement, etc.

EDCL shall check the monthly statement endorsed by the Resident Project Manager of the Consultant and authorize the payment.

### ***x. Completion Certificate and Operational Acceptance Certificate***

The Consultant shall carry out final inspection in liaison with EDCL of the works after completion of works and Defects Liability Period and issue the Completion Certificate and Operational Acceptance Certificate in accordance with the provisions of the contract.

### ***xi. Project Completion Report (PCR)***

Upon completion of the project construction activities, the Consultant shall prepare a Project Completion Report (PCR) in accordance with WB's requirements. The PCR will form a comprehensive record of the design, construction and erection works accomplished including:-

- i) A description of changes or modifications to the design;
- ii) Problems encountered and solutions adopted; and
- iii) Overall construction volume, quantities and costs.

## **7. QUALIFICATION AND CONSULTANT FEES**

### **i. Qualification**

The Consultant must be highly qualified for design, supervision and implementation of the project, and for that purpose should submit evidence of firm's previous experience in works associated with design, supervision and construction management of similar nature (experience in the supervision of distribution line and/or transmission lines projects) and preferably of projects located in Rwanda.

All site supervision staff should have adequate experience, similar to this Project area. In addition, it is required that all field personnel of the Consultant be proficient in international communication skills, particularly in English.

The Consultant should supply a description of the organization he plans to set up for the project and the list of his personnel with their Curriculum Vitae (CV) to be assigned to work in Rwanda for effective supervision and project management.

The Consultant's Project Home Office and Site Organization Office shall comprise of the following key personnel but not limited to:-

**i) Resident Project Manager**

The Consultant shall assign fulltime Resident Project Manager responsible for day-to-day communication with EDCL and contractors/suppliers.

**a) General qualifications**

*Minimum requirement: -*

- Must be graduate on B.Sc. in Electrical Engineering from a recognized university.

**b) Adequacy for the assignment**

- Must have minimum of fifteen (15) years' experience in projects for construction of power sector infrastructure, 5 years of which as project manager for construction supervision.
- Must have a minimum experience of managing or supervising three (3) similar nature of project (substation and distribution networks).

**c) Language**

- Must have good working knowledge of the English language.

**ii) Distribution Network Design Engineer**

**a) General qualifications**

*Minimum requirement: -*

- Must be a graduate on B.Sc. in Electrical Engineering from a recognized university.

**b) Adequacy for the assignment**

- Must have a minimum five (5) years' experience on distribution lines and/or HV transmission line projects.
- Must have a minimum experience of two (2) distribution lines and one (1) HV transmission line project of 30 kV level or above as distribution lines and/or transmission line design engineer

***c) Language***

- Must have good working knowledge of the English language.

**iii) Distribution Network Supervisor**

***a) General qualifications***

*Minimum requirement:-*

- Must be a graduate on B.Sc. in Electrical Engineering or civil engineering from a recognized university.

***b) Adequacy for the assignment***

- Must have a minimum five (5) years' experience on distribution lines and/or HV transmission line projects implementation, and construction supervision.
- Must have a minimum experience of three (2) distribution network or transmission line of 30 kV level or above as construction supervisor

***c) Experience in region and language***

- Must have good working knowledge of the English language.

**ii. Man-Month Allocation**

The Consultant shall indicate in his proposal sufficient man-months for proper execution of the project. Considering the technical and financial evaluation, contract shall be awarded to a consulting firm whose entire result reflects the combined (technical and financial) evaluation criteria.

The Consultant should assume that all contractors and suppliers should be mobilizing at the same time to all Project sites. To achieve this, the consultant is responsible for preparation of all design, specifications and bid documents of all contract packages at the same time and plan that all contract to start at the same time.

The Consultant must propose and provide a schedule with breakdown for the various activities called for in the TORs, including the home office and field activities.

The consultant should clearly indicate the man-months to be spent on activities in Project Site Organization (Rwanda) and his Home Office.

#	Key Staff	Number of proposed Staff
1	Project Resident Manager	1
2	Distribution network design engineer	3
3	District distribution supervisor	14
4	Environmentalist & Social expert	7

### **Consultant's Fee**

Fees of the Consultant shall include:

- i) Head office coordination;
- ii) All travel expenses;
- iii) All personnel expenses;
- iv) All field expenses including working equipment and materials, vehicles running cost, house accommodation, etc.

Consultant's fees shall not include salaries and other expenses for personnel detached from the employer (EDCL) to join the Project Site Organization.

### **8. Data, Local Services and facilities to be provided**

The consultant (Firm) shall supply all necessary equipment for the betterment of good execution of its mandate.

The equipment shall include notably Vehicles, Scanners; Plotters; GPS Devices; Total Stations; Computers; Printers and Platforms graphic scanning and other necessary tools for the performance of the consultancy services.

All communication related costs made by the Consultant (telephone, fax, Courier, etc.) shall be covered by the Consultant.

The Consultant (Firm) shall rent and furnish an office in Kigali, for the period of the project duration, and all related costs shall be in charge of the Consultant (Firm).

The Client (EDCL) will provide the following facilities to the consultant:-

- a) Facilitation to access the project area covered by this project,
- b) Access to relevant design documentation of existing substations to the extent of their availability;
- c) Feasibility studies, ESIA, ESMP and ARAP studies
- d) The draft design documents and specification
- e) GIS mapping of the distribution networks and the estimated bill of quantities;
- f) Liaise with the government and facilitate all requirements/supports needed for the Consultant to perform their duties in Rwanda.

## **Annex:**

### **REQUIREMENTS FOR SAFEGUARDS (ENVIRONMENTAL AND SOCIAL)**

#### **Introduction**

The Environmental and Social Framework (ESF) help to protect people and the environment in the investment projects. The Environmental and Social Framework is made up of the World Bank's vision for sustainable development, the World Bank's Environmental and Social Policy for Investment Project Financing, and ten Environmental and Social Standards. These set out the mandatory requirements for the World Bank and for Government of Rwanda to address environmental and social risks and impacts in investment projects. Some of the requirements include conducting environmental and social impact assessments, consulting with affected communities about potential project impacts, and restoring the livelihoods of displaced people or Project affected persons.

The Environmental and Social Framework enables the World Bank and Government of Rwanda to better manage environmental and social risks of projects and to improve development of the country. It offers broad and systematic coverage of environmental and social risks. It makes important advances in areas such as transparency, non-discrimination, public participation, and accountability including expanded roles for grievance mechanisms. It brings the World Bank's environmental and social protections into closer harmony with those of other development institutions.

In this framework, the World Bank and Government of Rwanda agreed on the safeguards instruments to be developed as requirements for loan agreement and these instruments will be guidance for implementation of the Rwanda Energy Access and Quality Improvement Project-EAQIP as World Bank funded Project.



The World Bank Environment and Social Framework (ESF) is allied to the following environmental and Social standards to this project (i) ESS1: Assessment and management of environmental and social risks and impacts; (ii) ESS2: Labour and Working Conditions; (iii) ESS3: Resource Efficiency and Pollution Prevention and Management; (iv) ESS4: Community health and safety; (v) ESS5: Land Acquisition, Restriction on Land Use and Involuntary Resettlement; (vi) ESS6: Biodiversity Conservation and Sustainable Management of Living Natural Resources; (vii) ESS8: Cultural Heritage; and (viii) ESS10: Stakeholder engagement and information disclosure.

**The Government of Rwanda has developed Environmental and Social Commitment Plan (ESCP) and contractor must comply with the same instrument. The contractor must refer to it and access this ESCP from the client.**

The prepared safeguards instruments are Resettlement Policy Framework (RPF), Environmental and Social Management Framework (ESMF), Stakeholder Engagement Plan (SEP), Labor Management Procedures (LMP) and Gender Action Plan (GAP). The following are key requirements for each instrument:

#### **Environmental and Social Management Framework (ESMF)**

- The contractor must develop and implement site specific Environmental and Social Management Plan (ESMP) for each sub-project consistent with the ESMF, Environmental and Social Impact Assessment (ESIA) and other related environmental safeguards standards;
- The contractor must develop and implement site-specific Environmental Social Health and Plan (ESHP), Environmental and Social Impact Assessment (ESIA) and other related environmental safeguards standards;
- The contractor must have Key staff in charge of Social and Environment to facilitate the implementation of the safeguards instruments (ESMF, RPF, LMP, SEP and GAP).

#### **Resettlement Policy Framework (RPF)**

- The contractor must develop and implement site specific Resettlement Action Plan or Abbreviated Resettlement Action Plan (RAP/ARAP) consistent to the RPF and ESS5 and this must be approved by the client and World Bank respectively;

- The contractor must conduct the assets inventory/valuation of the properties to be affected by the project implementation prior to construction activities and bring complete files to the client for payment;
- The contractor must have Key staff in charge of Social and Environmental to facilitate the implementation of the safeguards instruments (ESMF, RPF, LMP, SEP and GAP).

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#### **Labor Management Procedures (LMP)**

- The contractor must develop/prepare and implement site specific labor Management Procedures consistent to World Bank Environmental and Social Standard 2 (ESS2) and Project LMP and this must include Labor Influx Management Plan (LIMP);
- The contractor must have Key staff in charge of Social and Environmental to facilitate the implementation of the safeguards instruments (ESMF, RPF, LMP, SEP and GAP).

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#### **Stakeholder Engagement Plan (SEP)**

- The contractor must develop/prepare and implement site specific Stakeholder Engagement plan consistent to World Bank Environmental and Social Standard 10 (ESS10) and Project SEP; this document must include the identified and engaged stakeholders in the project vicinity;
- The contractor must involve all stakeholders in the project activities to ensure its sustainability.
- The contractor must have Key staff in charge of Social and Environmental to facilitate the implementation of the safeguards instruments (ESMF, RPF, LMP, SEP and GAP).

#### **Gender Action Plan (GAP)**

- To prepare, submit and implement Gender Action Plan (GAP) for each sub-project and consistent to the prepared GAP and complying with the following key points:
  - i. To ensure that there is participation of both men and women in construction, administration, maintenance, security, and supervision roles during project implementation. At least 10% of all workers will be women;
  - ii. To ensure that all program workers (men and women) are well equipped in terms of Personal Protective Equipment (PPE) to protect them from potential infectious diseases including COVID-19 and other infectious diseases;

- iii.** To ensure that no salary/pay discrimination based on gender (equal pay for men and women for the same level job position);
- iv.** To create awareness session on the fight against Sexual Exploitation and Abuse (SEA), Violence Against Children (VAC) and Gender Based Violence (GBV) to all men and women program workers;
- v.** To prepare and submit the quarterly report on Environmental and Social safeguards including Gender and Social inclusion for EAQIP.