

# REQUEST FOR EXPRESSIONS OF INTEREST

<b>SECTOR</b>	ENERGY
<b>COUNTRY</b>	KENYA
<b>NAME OF PROJECT</b>	RETROFITTING OF DIESEL MINI GRIDS WITH RENEWABLE ENERGY IN KENYA (ELDAS, ELWAK, MERTI, HABASWEIN, WAJIR)
<b>LOAN NO/CREDIT NO:</b>	CKE 1066 01 L
<b>ASSIGNMENT TITLE:</b>	EXPRESSIONS OF INTEREST FOR SUPERVISION AND MANAGEMENT OF WORKS CONTRACT FOR RETROFITTING OF DIESEL MINI GRIDS WITH RENEWABLE ENERGY IN KENYA – INDIVIDUAL CONSULTANTS
<b>REFERENCE NO.</b>	KP1/6A.1/RFP/2/24/B21

The Government of Kenya has received a financing from Agence Française de Développement (“AFD”), and intends to use part of the funds thereof for payments for services to be rendered by Individual consultants under the Retrofitting of Diesel Mini Grids with Renewable Energy in Kenya Project.

The project involves transition of five (5) existing Diesel Plants to Hybrid of Diesel and Solar PV Plants that will maximize the use of renewables in order to lower fuel costs and carbon emissions into the atmosphere, effectively lowering cost of generation and for sustainability.

This request for proposal by KPLC aims to recruit four (4) individual consultants; Lead Consultant, Solar PV expert, Civil Engineer, and Social and Environment Expert with the following scope requirements:

No.	Position	Scope of Service	Shortlisting Criteria
1.	Lead Consultant	<ul style="list-style-type: none"> <li>Overall supervision of all ongoing works including civil works, Solar PV Plant Installations, Diesel Generator Installations, Testing and Commissioning of the entire hybrid plants in the four sites with respect to the works contract.</li> <li>Verification of the approved designs and technical specifications for the four sites and review of the existing detailed studies and technical specifications for Wajir Plant.</li> <li>Assist the client in preparation and finalization for Wajir Hybrid Plant.</li> <li>Conducting monthly construction site progress meetings for the ongoing works</li> <li>Assisting in contract management activities such as interpretation of contractual provisions, establishment of contract management tools, site progress measurements and payment processing.</li> <li>Preparing monthly and quarterly progress reports for the contract.</li> <li>Lead a team of other experts including but not limited to Solar PV expert, Environment and Social expert and Civil Engineering Expert in delivering their mandate.</li> <li>Project closure including material reconciliation.</li> <li>Developing project completion and closure activities including reports, training and post construction support.</li> </ul>	<ul style="list-style-type: none"> <li>Bachelors or Master’s degree in Electrical Engineering, Renewable Energy, or a related field.</li> <li>Professional engineering license or certification.</li> <li>Ten (10) years’ Experience’ as a Lead Consultant in project management and contract administration of infrastructure projects.</li> <li>Five (5) years’ experience in supervision and management of works as a Lead Consultant in similar solar PV systems, preferably in hybrid energy projects or off-grid solar PV systems with knowledge in and contract administration</li> <li>Previous experience working on similar projects in areas with very high security risk and in similar geographical regions.</li> </ul>
2.	Solar PV expert	<ul style="list-style-type: none"> <li>Reviewing already conducted assessment of solar resource potential and site suitability for solar PV installation.</li> <li>Reviewing already developed detailed technical specifications, design plans, and layouts for the solar PV array, including selection of solar panels, inverters, batteries, mounting structures, and balance of system components.</li> <li>Implementing environmental and social management measures to minimize the environmental impact of solar PV installation.</li> <li>Overseeing the installation and commissioning of the solar PV system, conducting regular site inspections to ensure compliance with design specifications, quality standards, and safety regulations.</li> <li>Conducting performance testing and optimization of the solar PV system to maximize energy yield and efficiency, including monitoring of system performance and troubleshooting as needed.</li> <li>Providing training and capacity-building support to project staff and contractors</li> <li>Developing operation and maintenance manuals, documentation, and training materials for the efficient operation and management of the solar PV system.</li> <li>Providing technical support and expertise to address any solar PV-related challenges or discrepancies.</li> <li>Assist the client in preparation and finalization of technical scope of the tender document for Wajir Plant.</li> </ul>	<ul style="list-style-type: none"> <li>Bachelors or Master’s degree in Electrical Engineering, Renewable Energy, or a related field, with a focus on solar PV technology.</li> <li>Professional certification or accreditation in solar PV design and installation (T3) for local solar experts or equivalent for foreign solar experts.</li> <li>5 years experience in the design, component selection, installation, testing, commissioning and operation of solar PV systems, preferably in hybrid energy projects or off-grid solar PV systems.</li> <li>Proficiency of solar PV design and simulation software.</li> <li>Previous experience working on similar projects in areas with very high security risk and in similar geographical regions.</li> </ul>
3.	Civil Engineer	<ul style="list-style-type: none"> <li>Reviewing and approving civil engineering design plans, drawings, and specifications for the hybrid system components</li> <li>Reviewing the conducted site investigations and surveys</li> <li>Developing detailed construction plans, schedules, and cost estimates for civil works activities</li> <li>Overseeing the execution of civil works by contractors and subcontractors</li> <li>Conducting regular site inspections to monitor the progress, quality, and safety of civil works activities, and ensuring compliance with design specifications and regulatory requirements.</li> <li>Conduction quantitative works measurements for processing of contractor bills in time.</li> <li>Providing technical guidance and support to address any civil engineering-related challenges</li> </ul>	

No.	Position	Scope of Service	Shortlisting Criteria
3.	Civil Engineer	<ul style="list-style-type: none"> <li>Conducting quality assurance inspections</li> <li>Implementing environmental and social management measures to minimize the environmental impact of civil works</li> <li>Coordination of work with other project stakeholders</li> <li>Providing support during the commissioning and handover of civil works components, including documentation, as-built drawings, and training as required.</li> <li>Assist the client in preparation and finalization of technical scope of the tender document for Wajir plant.</li> </ul>	<ul style="list-style-type: none"> <li>Bachelors or Masters Degree in Civil Engineering.</li> <li>Professional engineering license or certification.</li> <li>5 years’ experience in civil engineering design and construction in similar projects.</li> <li>Proficiency of software tools for civil engineering design and analysis.</li> <li>Previous experience working on similar projects in areas with very high security risk and in similar geographical regions.</li> </ul>
4.	Social and Environment Expert	<ul style="list-style-type: none"> <li>Conducting comprehensive review on the already drafted environmental and social assessments to confirm earlier identified potential project impacts on natural resources, ecosystems, biodiversity, and local communities.</li> <li>Reviewing proposed environmental and social management plans</li> <li>Providing guidance and technical support to project teams, contractors, and subcontractors on environmental and social requirements</li> <li>Facilitating stakeholder engagement and consultation</li> <li>Monitoring project activities to ensure compliance with environmental and social commitments, permits, regulations, and international standards, and conducting regular site inspections to assess environmental and social performance.</li> <li>Implementing grievance mechanisms and conflict resolution processes</li> <li>Conducting capacity-building activities and training sessions</li> <li>Preparing regular progress reports, environmental and social monitoring reports, and other documentation required</li> <li>Reviewing and evaluation contractor E&amp;S activities actioned for payments processing and advising the client</li> <li>Undertaking periodic reviews and evaluations of environmental and social performance for continuous improvement.</li> <li>Assist the client in preparation and finalization of E&amp;S scope of the tender document for Wajir plant.</li> </ul>	<ul style="list-style-type: none"> <li>Bachelors or Master’s degree in Environmental Science, Environmental Management, Social Sciences, or a related field.</li> <li>Specialized training or certification in environmental and social impact assessment, management, and compliance.</li> <li>5 years’ experience working on renewable energy projects, infrastructure projects, or development projects with significant environmental and social implications.</li> <li>Experience working in multicultural and multidisciplinary teams, as well as in multicultural and multilingual environments.</li> <li>Previous experience working on similar projects in areas with very high security risk and in similar geographical regions.</li> <li>Fluency in English and Kiswahili (written and spoken) is required; proficiency in other languages relevant to the project location would be an advantage.</li> </ul>

The Kenya Power & Lighting Company PLC hereby invites applicants to show their interest in delivering the Services described above. This Request for Expressions of Interest is open to: Consulting Individuals Only.

Eligibility criteria to AFD financing are specified in sub-clause 1.3 of the “Procurement Guidelines for AFD Financed Contracts in Foreign Countries”, available online on AFD’s website: <http://www.afd.fr/> and the terms of reference (ToR) shall be accessed on the Kenya Power website: [www.kplc.co.ke](http://www.kplc.co.ke).

The Applicant shall submit only one application in his/her name.

Interested Applicants must provide information and documentation evidencing that they are qualified and experienced to perform those Services. For that purpose, documented evidence of recent and similar services shall be submitted to demonstrate that the applicants meets the requirements:

The Client will also take into account for the evaluation of the applications the following items:

- Submission of duly filled and signed resumes.
- Submission of relevant professional and academic certificates.
- Submission of relevant documented evidence of recent and similar services and a signed Covenant of Integrity.

The respective individual consultant will be selected in accordance with the Individual Consultant Selection (ICS) method set out in the AFD’s Consultant Guidelines.

The Expressions of Interest (hard copies only) shall be submitted in sealed envelopes delivered to the address below and be clearly marked “Expression of interest for supervision and management of works contracts for Retrofitting of Diesel Mini Grids with Renewable Energy in Kenya Project.” no later than 23rd July 2024 at 10.00 a.m. East African Time.

Attention:

**The General Manager, Supply Chain and Logistics  
The Kenya Power and Lighting Company PLC  
Stima Plaza, 7th Floor, Kolobot Road, Parklands  
P. O. Box 30099 – 00100, Nairobi, Kenya**

Expression of Interest submitted via e-mail shall not be accepted.

Consultants who wish to witness the opening of the expression of interest may do so at the address below:

**Street Address: KPLC Offices, Stima Plaza, Kolobot Road, Parklands  
Floor/ Room Number: Ground Floor- Auditorium  
City: Nairobi  
Country: Kenya  
Date: 23<sup>rd</sup> July, 2024  
Time: 10.30hours East African Time**

Interested Applicants may obtain further information at the address below during office hours between 0900 to 1200 and 1400 to 1630hours (East African Time):

Attention:

**Contract Project Manager - AFD  
The Kenya Power and Lighting Company PLC  
Stima Plaza, 2nd Floor, Kolobot Road, Parklands  
P. O. Box 30099 – 00100, Nairobi, Kenya  
Tel: +254 711 031761  
E-mail: [CMaweu@kplc.co.ke](mailto:CMaweu@kplc.co.ke)  
cc: [SMucheke@kplc.co.ke](mailto:SMucheke@kplc.co.ke); [MochiengOwuor@kplc.co.ke](mailto:MochiengOwuor@kplc.co.ke)**