

Employment Opportunity

Position:	Project Officer - Renewable Energy and Energy Efficiency
Location:	Dar es Salaam, Tanzania
Reports to:	Project Manager
Expected start date:	ASAP

1.0 About ELICO Foundation

The Energy and Livelihoods for Communities (ELICO) Foundation is a global renewable energy hub that is committed to setting up clean energy systems that focus on people's needs. ELICO aims to improve livelihoods through development, innovation, demonstration, incubation, and research. Their primary goal is to provide access to modern energy and services for socio-economic development in rural and last-mile areas in Africa.

ELICO collaborates with user communities to co-develop renewable energy and circular economy solutions. They support the development of a wide range of MSMEs and smallholder farmers by providing them with appropriate technological solutions, skills, and market linkages. This helps them grow and deliver services in rural and peri-urban areas.

ELICO works in close partnership with the government at national and local levels. They also partner with vocational training institutes, microfinance institutions, companies, and small enterprises in the renewable energy, agricultural, and waste management sectors. ELICO Foundation is currently seeking a dynamic individual to join their highly motivated team for the following role.

2.0 Project Officer - Renewable Energy and Energy Efficiency

ELICO Foundation has solid experience with implementing renewable energy projects in Tanzania, especially in Dodoma, Mwanza, Kigoma, Iringa, Dar es Salaam, Arusha, Morogoro and Zanzibar. Through these various projects, ELICO contributes to providing energy access and energy well-being to the isolated communities, improves economic benefits, and reduces the relative cost of energy access. ELICO enhances partnerships between public, private and social stakeholders to address poverty reduction and encourage the participation of the private sector in the provision of commercially viable energy services in rural and off-grid communities.

Based on this solid experience, the Tanzania Country Office is recruiting a Project Officer on Renewable Energy and Energy Efficiency. The objective of this recruitment is to support ELICO in becoming a key partner in the design and management of Renewable Energy projects as well as to support the implementation of ELICO-managed renewable energy projects in Tanzania.

The renewable energy expert will provide expert advice internally within ELICO and externally to partners on the feasibility, design, development and implementation of sustainable and viable Renewable Energy projects, capacity building and public-private partnerships in the Renewable energy sector

3.0 Roles and responsibilities include:

- Prepare quotations and bills of quantities for solar and hybrid water projects for domestic, urban, communal, and industrial applications
- Promoting sustainable energy practices and addressing environmental concerns. Including contributing to the development, implementation, and monitoring of renewable energy and energy efficiency initiatives.

- Play a pivotal role in providing expert guidance, technical support, and strategic direction to organizations, governments, and communities aiming to transition towards cleaner and more sustainable energy solutions.
- Assessing the feasibility of renewable energy projects, conducting technical evaluations, and recommending suitable technologies based on specific project requirements.
- Conducting research to support policy recommendations, collaborating with government agencies to draft legislation conducive to renewable energy deployment, and advocating for incentives or subsidies to encourage investment in clean energy technologies. Furthermore, assist in translating policy objectives into actionable strategies by working closely with stakeholders from diverse sectors including government bodies, industry associations, non-governmental organizations (NGOs), and academic institutions.
- Conducting feasibility studies, identifying suitable project sites for renewable energy installations, coordinating with engineering teams for project design and implementation, as well as ensuring compliance with technical standards and environmental regulations. Additionally, the renewable energy expert will play a vital role in evaluating the performance of ongoing projects by analyzing data on energy production, consumption patterns, cost-effectiveness, and environmental impact. Based on these evaluations, they provide recommendations for optimizing project outcomes and addressing any operational challenges.
- Engage in capacity building efforts aimed at enhancing the knowledge and skills of stakeholders involved in the renewable energy sector. Conduct training programs for technicians, policymakers, and community members to impart specialized knowledge on renewable energy technologies and energy-efficient practices. Furthermore, s/he will facilitate knowledge transfer through workshops, seminars, or educational materials that raise awareness about the benefits of clean energy solutions and equip individuals with the necessary expertise to contribute effectively to sustainable energy projects.
- Effective stakeholder engagement is integral to the success of renewable energy initiatives. The renewable energy expert serves as liaisons between various stakeholders including government agencies, private sector entities, local communities, research institutions, and funding organizations. They foster collaboration by facilitating dialogue among different parties involved in renewable energy projects, addressing concerns raised by stakeholders, building partnerships for resource mobilization, and promoting inclusive decision-making processes that align with sustainable development goals.
- He/she will be conducting risk assessments associated with project implementation. This involves identifying potential risks such as technological uncertainties, financial constraints, regulatory hurdles, or environmental impacts. Subsequently, they develop risk mitigation strategies that help minimize adverse effects on project outcomes while ensuring that safety standards are upheld throughout the project lifecycle.
- Staying informed about emerging trends and innovations within the renewable energy sector is an essential responsibility for renewable energy expert. By monitoring technological advancements, market trends, policy shifts, and industry developments, he/she can provide valuable insights that inform decision-making processes related to renewable energy adoption. This includes assessing the viability of new technologies or business models in the context of specific applications or geographical regions while considering factors such as cost-effectiveness, scalability, reliability, and environmental sustainability.
- Prepare bid proposals for solar and hybrid water pumping projects
- Make field assessments for various renewable energy and water-pumping projects
- Design, install/construct, and supervise solar and water pumping projects

Energizing local economies

- Design, install, and supervise off-grid solar systems, solar street lighting, and power backup systems
- To offer after-sale services in terms of operation, maintenance, and technical support for new and existing client portfolios.
- Supervises project implementation and provides quality assurance assessments from projects being implemented
- Prepares evaluation reports on projects that have been completed
- Provide communication team with technical support for IEC material preparation
- Performing other duties as required by the Senior Management.

4.0 Qualifications needed

- First degree in Electrical Engineering, Renewable Energy, or related studies from a recognized institution.
- Minimum of three years' working experience in the Solar/ Renewable energy sector.
- Ability to work on multiple tasks simultaneously with minimal supervision
- Ability to work with associates and contractors in the field and ensure safety, quality, and schedule adherence. Must be reliable and flexible with work.
- Ability to take direction, identify problems, develop solutions, and conduct analysis independently and in collaboration with others
- Proven computer skills in Microsoft Office and design software

5.0 Personal Attributes

- Good team building and motivational skills with an ability to work with a diverse mix of professionals and deliver.
- Strong organizational, analytical & problem-solving skills and ability to coordinate and manage a diverse array of activities and stakeholders
- Strong communication skills, both oral and written (English and Kiswahili)
- A can-do and collaborative mindset – comfortable with the ambiguities and demands of a rapidly evolving and entrepreneurial environment with a team from diverse backgrounds.
- Passionate about working in the impact space.

6.0 Application Instructions

- Interested and qualified Tanzanians are invited to submit their CV and cover letter (in English) outlining how your knowledge, skills and experience match the job description to recruitment@elicofoundation.org
- When applying, please use “**Field Officer - Renewable Energy and Energy Efficiency**” as the job reference in the subject of the email.
- Deadline for application is 11th December 2023
- Only successful applicants at the screening stage will be contacted through their active mobile number/email and advised on the next stage. For more information, visit our website: www.elicofoundation.org

ELICO Foundation is an equal opportunity employer and encourages applications from qualified individuals regardless of race, religion, nationality, gender or disability.