



REQUEST FOR EXPRESSIONS OF INTEREST (REOI) FOR INDIVIDUAL CONSULTANTS

CONSULTANCY SERVICE TO REVIEW ENERGY REGULATORY FRAMEWORKS OF SELECTED FIVE MEMBER STATES

PROCUREMENT NUMBER: 88/AUDA/DPDC/ENV/ICS/2020

INTRODUCTION

The challenge of access to energy has been recognized at the level of the UN and the African Union through the Sustainable Development Goals (SDGs) and the AU Agenda 2063 respectively. Goal 7 of the SDGs aims at achieving universal access to affordable, reliable, sustainable and modern energy by 2030, while Agenda 2063 Goal 1, 7 and 10 has targets for an increase of 50% in electricity generation, 50% distribution and 70% of Africans having access to electricity by 2023.

Africa has the world's fastest growing population. According to UN data, the population will reach 1.7 billion in 2030 and 2.5 billion in 2050ⁱ. This demographic trend is characterized rapid urbanization while significant rate of the population remains in the rural areas. This is a challenge for the continent to enter the demographic transition.

The growth of Africa's economic and industrial development requires substantive amounts of energy to sustain and maintain an upward developmental trajectory. With an average of 56% of the continent's population with no access to stable energy supply. 633 million people lack access to electricity and 792 million people rely on traditional biomass as their primary energy source for cooking (IEA, 2016). Thus, combined climate impacts (27 of the 33 countries most at risk from climate change are in Africaⁱⁱ) such as droughts and floods, resulting increased land degradation and desertification, reduced food and nutrition security, and deteriorated health and human wellbeing. The predicted trends in access to energy are expected to rise unless sustainability approach takes place.

Currently AUDA-NEPAD is implementing deployment of RE mini grid solutions of five (5) countries, namely, Chad, Niger, Malawi, Uganda, Sierra Leone, and the proposed consultancy will substantiate deployment of the mini grid and specially in the replication and expansion to the countries.

OBJECTIVES OF THE ASSIGNMENT

The objective of the assignment is to review of energy regulatory frameworks of selected Member States (5) and related regulations, legislations, rules, policies, guidelines and tariffs in order to deploy accelerate renewable energy projects.

Scope/Main Responsibilities of the Assignment:

The Consultancy has two components:

1. Undertake review of energy regulatory frameworks of selected Member States (5) and related regulations, legislations, rules, policies, guidelines and tariffs.
Key Deliverables: Comprehensive report validated by the national steering committees of respective countries and approved by AUDA-NEPAD; and
2. Training of countries and key stakeholders including private sector
Key Deliverables: Deployment of training and workshops

The scope of work shall include the following:

- a) Assist technical and analytical content of the model and training of the countries;
- b) Provide technical support in the energy model:
 - Renewable energy financing and feasible demand- and supply-side options and are consistent with global goals of sustainability are vital. Energy modelling that will predict the future of energy consumption and supply patterns and trends is a crucial component of energy management that the policy dialogue will bring to bear. It allows for strategy formulation and energy policy recommendations for efficient management, in addition to the effective utilization of energy resources, improvements in energy efficiency and energy reliability, and emissions investment;
 - Energy regulatory and regulations; and
 - Energy nexus with industrialization, infrastructure (including ICT), water management, sanitation, primary health care and food systems.
- c) Enhancement of national energy regulations to accelerate access to clean energy;
- d) Preparation of technical content and delivery of the workshop;
- e) Facilitation of the workshop and its outcomes;
- f) Facilitate and Providing technical presentation in the deployment of the findings and building capacity of innovation and upgrading current policies and regulations; and
- g) Skills development, knowledge sharing is seen as vital step in the collaboration between the parties. Internal and external (member States) training on use of the knowledge products of the model.

DELIVERABLES

Under the direct supervisor of the Head of Environmental Sustainability the Consultant shall deliver the following deliverables:

1. Inception Report including clear scope of work, comprehensive work plan and timeline for the deliverables. (Time input required 20 hours);
2. Preparation of the reports approach and plan of five countries (Malawi, Chad, Niger, Sierra Leone and Uganda) (Time input required 40 hours);
3. Finalization of the reports of energy regulatory frameworks of selected Member States (5) and related regulations, legislations, rules, policies, guidelines and tariffs (Time input required 40 hours); and
4. Deployment and 5 Training sessions, each two days and training manual. Prepare training report (Time input required 20 hours).

AUDA-NEPAD now invites eligible individual consultants (“Consultants”) who are nationals of African Union Members States 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.

Qualifications, Experience and Competencies

- At least Engineering Degree (Masters) with specialisation on energy sector or related subject;
- Experience with Energy resource planning and energy modelling (data modeling, energy planning, transmission planning, renewable energy planning, economic modeling);
- Prior experience in energy projects including but not limited to energy project development, energy project management, energy data analytics, energy systems management;
- At least 10 years’ experience in the energy regulatory frameworks and regulations;
- At least Five (5) years of proven experience in applied research and data modelling in the area of energy;

- Demonstrated experience in developing and deploying sustainable business model for energy deployment;
- Experience in working in data generation and modelling in energy sector;
- Solid understanding of Africa Energy challenges and opportunities;
- Knowledge and application of database design and management software will be advantageous;
- Demonstrate excellent team leadership, communication/networking, writing and organizational, presentation and training skills in one of the AU languages (mastering of an additional AU working language will be an advantage).

The shortlisting criteria are:

For evaluation of the expressions of interest, the following criteria will be applied:

- a) General Education and Relevant Training (20 points)
- b) Experience Related to the Assignment (35 points);
- c) Technical approach and methodology (35 points)
- d) Work plan (5 points)
- e) Knowledge of the region & local conditions (5 points)

Interested candidates are requested to submit the following documents for AUDA-NEPAD consideration:

- a) Curriculum Vitae (CV).
- b) Technical Proposal on:
 - understanding and interpretation of the TOR;
 - methodology to be used in undertaking the assignment;
 - time and activity schedule.
- c) Financial proposal – Lump sum (Professional fees). AUDA-NEPAD will directly borne cost of Consultants approved travel.

Reporting and Time Schedules: The assignment is expected to be completed within six (6) months. The Consultant will report directly to the Head of Environmental Sustainability.

A Consultant will be selected in accordance with Individual Consultant Selection (ICS) method set out in the AU Procurement Manual.

Interested Consultants may obtain further information at the address below during office hours (08:00 - 17:00 South African time). Expressions of interest must be delivered to the address below by the **10th April 2020 by 14:30 hours (South African Time)** and should be clearly marked as **“CONSULTANCY SERVICES TO REVIEW ENERGY REGULATORY FRAMEWORKS OF SELECTED FIVE MEMBER STATES: Ref: 88/AUDA/DPDC/ENV/ICS/2020”**. EOIs can also be sent by email, addressed on the following address:

The Chairperson Internal Procurement Committee (IPC)
 AUDA-NEPAD
 230, 15th Road, P. O. Box 218 Midrand,
 1685 Johannesburg, South Africa
 Email: bathom@nepad.org and copy procurement@nepad.org

Attention of: Head of Procurement Division

ⁱ United Nations Department of Economic and Social Affairs (2017) World Population Prospects: 2017 Revision

ⁱⁱ IPCC (2014) Climate Change 2014: Impacts, Adaptation, and Vulnerability, WMO, UNEP, Cambridge University Press.