

## Short Term Individual Consultants

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### REQUEST FOR EXPRESSIONS OF INTEREST FOR AN INDIVIDUAL CONSULTANT

AFRICAN DEVELOPMENT BANK

[www.afdb.org](http://www.afdb.org)

*Headquarters – Abidjan (Cote D'Ivoire)*

**SAPR/SVP**

*5 Avenue Joseph Anoma*

*01 B.P. 1387, Abidjan 01*

*Cote d'Ivoire*

Title of the assignment: **Establishment of the Interim Delivery Unit of the Africa Renewable Energy Initiative (AREI)**

Brief description of the Assignment: the AREI Interim Delivery Unit requires the services of short-term consultants to provide technical support for the implementation of on-going and planned activities.

Department issuing the request: **SAPR/SVP**

Place of assignment: **Abidjan**

Duration of the assignment: **Three (3) Months**

Tentative Date of commencement: **30<sup>th</sup> October 2016**

Deadline for applications: 24 October 2016

Applications to be submitted to: [t.abimbola@afdb.org](mailto:t.abimbola@afdb.org);

Any questions and requests for clarifications may be sent to: [t.abimbola@afdb.org](mailto:t.abimbola@afdb.org)

Terms of Reference for: Short Term Consultancy

# **Consultant: Africa Renewable Energy Initiative: Project screening, experience mapping, HR support.**

## **Technical Support to the interim Delivery Unit of the Africa Renewable Energy Initiative (AREI)**

### **I. Background and Justification**

Access to energy services is a prerequisite for human development and well-being as well as for prosperous economic development and job creation. Africa has urgent needs to address “access to energy” through rapid and wide-scale expansion of both electricity-generating capacity – on-grid and off-grid – and the supply of other forms of energy.

Although Africa has energy resources and potential far exceeding its current needs, most of its people and productive sectors suffer from energy deficits. The case of electricity stands out: about two thirds of the continent’s population does not have any access to electricity services. At roughly 45 gigawatts (GW), the entire generating capacity of the 47 countries of sub-Saharan Africa, excluding the Republic of South Africa, is less than that of Turkey, and about a quarter of this capacity is not currently available for various reasons, particularly those of aging plants and lack of maintenance. As a result, sub-Saharan Africa has the world’s lowest electricity access rate, at only 32 percent. Large parts of rural Africa remain non-electrified and current generation capacity is often unable to meet demand in rapidly growing urban centers and peri-urban areas. Countries in North Africa, with higher levels of energy access, also need to make significant changes in their energy systems to meet future demands while transitioning to a low to zero carbon future. With respect to energy for cooking, about 654 million people (78% of the population) in Sub-Saharan Africa lack access to modern and clean energy for cooking, with about 73% of this figure in rural areas.

Africa also faces a severe threat from global climate change despite contributing little to global GHG emissions. This is mostly attributed to fossil fuel consumption in other parts of the world. Warming projections under medium scenarios indicate that many areas of Africa will exceed an increase of 2°C by the last two decades of this century relative to the late 20th century mean annual temperature. Under a high-warming pathway (an “over 4 °C world”), temperatures will surpass 2°C by mid-century across much of Africa and reach between 3°C and 6°C by the end of the century. The impacts of these trends will be felt in several key areas or sectors in the continent, including agriculture, water supply and energy, placing the continent’s population at risk of undernourishment. This makes adaptation as well as addressing loss and damage a matter of urgency.

The imperative for Africa is therefore to chart its development pathway towards a climate-resilient and low-carbon trajectory with a view to closing the energy access gap without exacerbating changes to climate that would threaten the foundations of Africa’s development. This calls for the

creation of enabling conditions that drive the transformation of Africa's energy system, including rapid scaling up of renewable energy technologies and widening of access to the poorest social groups. This will require a strategic approach that emphasizes transformation of the whole energy system and provides incentives that run across the energy chain: from the demand side of the energy spectrum to the supply end.

## II Africa Renewable Energy Initiative

The *Africa Renewable Energy Initiative (AREI)* is a transformative, Africa-led effort to accelerate and scale-up the harnessing of the continent's huge renewable energy potential. The Initiative focuses on building integrated solutions to the challenge of widening access to clean energy services for improved human well-being and sustainable development while putting African countries on a climate friendly sustainable development path. It recognizes that although Africa is not a large emitter of greenhouse gases (GHG), its energy needs will grow. It also recognizes that the combination of rapid developments in technology and decreases in cost increasingly make renewable energy – from small-scale, stand-alone systems to large installations – the most sensible and cost-effective energy option. The Initiative stresses the advantages to Africa of moving quickly to adopt modern energy systems that are renewable, smarter, and built around interconnected small and larger-scale generation sources, and that as a priority reach people currently without adequate access to modern energy services. The Initiative seeks to achieve at least 10 GW of new capacity by 2020 and – as an aspiration goal – an additional RE generation of at least 300 GW by 2030.

The overall goals of AREI are: (1) to help achieve sustainable development, enhanced well-being, and sound economic development by *ensuring universal access to sufficient amounts of clean, appropriate and affordable energy*; and (2) to help African countries *leapfrog towards renewable energy systems* that support their low-carbon development strategies while enhancing economic and energy security.

The initiative will be led by Africans and strongly anchored in existing African political and decision-making processes. It will have a Governing Board at African Heads of State level, a Technical Committee with international and multi-stakeholder participation, a Trustee facility that will manage and pool some of the funds and investments, and an Independent Delivery Unit (IDU) to undertake concrete work and coordinate with other actors/initiatives.

The interim Independent Delivery Unit started implementing its ToRs on 15<sup>th</sup> August 2016. It focused on a number of activities in the AREI Action plan for the AREI Establishment Phase. Financial support is provided by the African Development Bank pending funding from partners (France and Germany) who have already committed to provide funding for the functioning of the interim IDU. Against this background, the interim Delivery Unit requires the services of a short-term consultant to provide technical support for the implementation of on-going and planned activities.

### III. Description of tasks

The short-term consultant will carry out the following activities:

- Lead the preliminary screening of projects and programmes as suggested by African countries and other entities, using AREI criteria for attribution and prioritization of funding  
This includes:
  - Finalizing AREI Criteria based on input received;
  - Developing a template for project/program proposals;
  - Developing a plan/system for keeping track/systematizing projects/programme proposals for assessment, including templates/forms for submission;
  - Inviting countries to submit programme/project proposals, as part of country outreach efforts; and
  - Initiating first round of screening, developing, applying and assessing methodology
- Conduct outreach and engagement with African governments and relevant institutions at national, sub-continental and continental levels. This will involve two missions.
- Support mapping of experiences (successes and bottlenecks) and activities for enhanced coordination of existing and future RE initiatives (including engaging with existing mapping exercises. This involves:
  - Developing an initial mapping plan and initiate concrete mapping;
  - Developing a concept note to serve as a guide for the implementing team;
  - Implementing the survey/interviews; and
  - Producing a report and PowerPoint presentation for COP22.
- Support the preparation of AREI presentations and communications material;
- Support the preparation of Human Resources plan. Prepare ToRs for the human resources required to support AREI over the longer term and provide mapping work and analysis;

### IV. Duration of the Assignment

The assignment is expected to last three months, from 30th October, 2016 to 30th January, 2017

### V. Deliverables and other provisions

The consultant's deliverables will include:

- Final version of AREI Screening Criteria, along with a tracking plan/system by 30<sup>th</sup> November 2016.
- Report on the first round of screening and evaluation of the methodology for screening by 15<sup>th</sup> December 2016.
- Active role in the mapping work and the deliverables.
- Visits to RECs and summary report of priorities by economic sub-region.
- AREI presentations and communication materials.
- Human Resources Plan.
- Presentation of results at COP22.

## VI. Reporting

The consultant shall report to the President of the African Development Bank (AFDB) through the Senior Vice President.

## VII. Qualifications

- **Education:** The Consultant should possess an advanced degree in development studies, energy economics or renewable energy engineering, preferably a PhD. He/She should demonstrate substantial knowledge of energy and development issues, current state of the art in the fields of sustainable development and energy policy, planning, multi-stakeholder engagement and capacity building in Africa.
- **Experience:** A minimum of ten years of progressively responsible experience at the national and/or international levels in energy is required. A good track record of relevant research and publications as well as experience developing regional/national energy policy frameworks is highly desirable.
- The applicant must be able to communicate in English. Knowledge of French will be an added advantage.

## VIII. Competencies

- **Professionalism:** Good understanding of the functions and organization of the work unit, and of the organizational structure and respective roles of related units, strong research and analytical skills, ability to apply good judgment in the context of assignments given, discretion, resourcefulness and ability to deal proactively and tactfully with offices throughout the organization.
- **Planning and Organizing** – Ability to plan own work, to work effectively under stress, and to prioritize and handle multiple tasks within tight deadlines.

- **Technology Awareness** - Fully proficient in computer use, including Microsoft Office Suite, Email and Internet Browsing and Scanning.
- **Communication** – Excellent communication skills, including ability to prepare documents/reports, diverse communications, briefings/debriefings notes, correspondence.
- **Teamwork** – Good interpersonal skills and ability to establish and maintain effective working relations in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity.

## **IX. Remuneration**

The consultant will be paid a lump-sum fee—negotiable in line with the Bank’s procurement policy, and commensurate with his / her experience—for the duration of the contract.

## MODEL CURRICULUM VITAE (CV)

Title of the Assignment:

Department:

Surname:

First Name:

Birth Date:

Nationality:

Address:

Country:

Telephone:

E-mail:

<b>Are any of your family members (spouse/partner, father/mother, Brother/sister, Son/daughter, etc.° employed in the African Development Bank?</b>			Yes <input type="checkbox"/> No <input type="checkbox"/> If « Yes », the following data must be provided
Name	Relationship	Organisation Unit	Place of Assignment

Language Level	Read	Written	Spoken
English	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent
French	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent
Other (specify)	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent

**Key Qualifications:**

Please provide (i) a summary of your experience and training highlighting the most relevant for the proposed assignment, and (ii) the responsibilities which you exercised. Utilise one half-page maximum.

**Education (University Level and above only):**

Name of University - City - Country	Period		Diploma Obtained	Main Topic / Major
	From	To		

**Professional Training:**

Name of Training Institution- City - Country	Type of Training	Period		Certificates or Diploma Obtained
		From	From	

**Employment Record:**

Begin with your most recent employment. For each job since your Master Degree achievement, please indicate:

- Name of the Employer
- Type of Activity/Business of the Employer
- Title / Function
- Place of Employment
- Brief Description (three lines maximum) of main accomplishments and responsibilities

**Reference:**

Please indicate the name and address of three persons with no family relationship with yourself, familiar with your character and titles.

I hereby certify that the responses which I provided above are all, to the best of my knowledge, true, complete and accurate. I acknowledge that an inaccurate statement or essential omission in a personal declaration or another document required by the African Development Bank might result in the rejection of my application, termination of my Contract or any other administrative sanction by the Bank. The African Development Bank may verify any statements which I made in this application.

Date: \_\_\_\_\_

*Signature:*

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