INTERNATIONAL RECRUITMENT
Dresden, Germany

VACANCY ANNOUNCEMENT

CONSULTANT (HOME BASED)
For discussion paper on renewable energy in Mozambique
(Consultant Contract - CTC)

Organizational Unit : United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES)

Reference Number : 2014/UNU/FLORES/CTC/CON/67

Applications to : hrflores@unu.edu

Closing Date : 14 November 2014

Contract Duration : 4 months

United Nations University Objectives:

The UNU is an international community of scholars engaged in research, postgraduate training and the dissemination of knowledge in furtherance of the purposes and principles of the United Nations, its Peoples and Member States. The University functions as a think tank for the United Nations system, contributes to capacity building, particularly in developing countries, and serves as a platform for new and innovative ideas and dialogue. For more information please visit http://unu.edu.

United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES):

The mission of UNU-FLORES is to contribute to the development of integrated and sustainable management strategies for the use of water, soil and waste resources in particular in developing and emerging countries in scientific, educational, managerial, technological and institutional terms. Potential issues of focus include: urban water management, nutrient cycles and budgets, methods for reclamation and rehabilitation of degraded sites, site-specific river-basin scale water management; interaction of land use management and water inventory under differing climate conditions, efficient site-adapted waste management strategies, among others. The Institute will develop innovative concepts for target- and region-specific knowledge transfer as well as appropriate methodologies and approaches for postgraduate and professional education. The Institute is located in Dresden, Federal Republic of Germany. For more information please visit http://flores.unu.edu.
Background

The energy demand of Mozambique is largely covered by Biomass and Hydropower, the latter providing most of the electricity demand. Large untapped potentials for renewables, including hydropower, wind, solar, biomass and geothermal energy have been explored, hydropower playing a special role, also at a regional scale. Since reservoirs also serve other crucial societal needs, integrated management approaches and solutions are required, considering the whole range of renewables as well as other services of water reservoirs (flood protection, irrigation, water supply etc.). Despite some efforts to implement IWRM, the energy sector was so far not considered and included.

The aim of the study is to analyze the current status of renewable energy development in Mozambique and the national strategies in this respect. A special focus shall be placed on Hydropower and the integrated management of multi-purpose reservoirs. This includes an analysis of current management schemes as well as exploring challenges and opportunities of integrated management approaches.

Responsibilities

Under the authority of the Director of UNU-FLORES and the direct supervision of the Academic Officer for Systems and Flux Analysis, the successful candidate will be entrusted with the following tasks:

- Investigate and document studies, reports and other sources of information mainly from Mozambique, but considering other regions in Southern Africa as deemed appropriate, on renewable energy development and its integration into environmental resources management;
- Analyze current policies and strategies for development of renewable energy in Mozambique considering regional and international implications;
- Analyse current reservoir and river basin management schemes concerning their potentials and limitations for integrating various water demands including Hydropower;
- Draft a review paper on the issue;
- Compile a list of key players on this topic and establish contacts;
- Provide support on fundraising including project proposal development on the issue, contacting and maintaining a dialogue with potential donors, and other work related to fund-raising;

Required Qualifications and Experience:

- A PhD in environmental or natural sciences/engineering related to renewable energies or a Master’s degree in these subject areas with 5 years of experience;
- Three (3) years of professional experience on the topic of interest;
- Proficiency in writing and experience in editing documents;
- Knowledge about the situation of renewable energy, IWRM and climate resilience in Southern Africa and/or other regions
- Good team player with strong interpersonal skills demonstrated by the ability to work in a multicultural, multi-ethnic environment;
- Highly self-motivated and organized
- Excellent oral and written communication skills in English; Knowledge of Portuguese would be an asset;
- Detail oriented, with a professional and conscientious attitude;
- Ability to independently prioritize work within an agreed timeline.

Remuneration:

Remuneration will commensurate with qualification and experience of the successful candidate.
Duration of Contract:

The successful candidate shall work remotely under the Consultant Contract (CTC) for a fixed period of four (4) months for the above-mentioned project. No consultant shall provide services for more than twenty-four (24) months in a thirty-six (36)–month period.

The successful candidate will not hold international civil servant status nor be a “staff member” as defined in the United Nations Staff Rules and Regulations.

Applications from suitably qualified woman candidates and those from developing countries are particularly encouraged.

Starting Date: As soon as possible

Application Procedure:

Interested applicants should submit their applications by email (to hrflores@unu.edu), and must include the following:

- a cover letter setting out how the qualifications and experience match the requirements of the position;
- a curriculum vitae and a completed and signed UNU Personal History (P.11) form downloadable from United Nations University website at http://unu.edu/about/hr. Please avoid using similar forms provided by other United Nations organizations;
- full contact information of three (3) referees; and
- the email subject must comply with the format (Last Name_2014/UNU/FLORES/CTC/CON/67).

Only short-listed candidates will be contacted.