



IOM International Organization for Migration

CALL FOR CVS

Position	: Consultant (IBM/Solar Power Assessment)
Organizational Unit	: Immigration & Border Management
Duty Station	: Abuja
IOM Classification	: Consultant
Type of Appointment	: Consultant, 53 effective working days
CFCV No.	: CFCV2018/27
Estimated Start Date	: As soon as Possible
Closing Date	: 15 June 2018

Established in 1951, IOM is the leading inter-governmental organization in the field of migration and works closely with governmental, intergovernmental and non-governmental partners. IOM is dedicated to promoting humane and orderly migration for the benefit of all. It does so by providing services and advice to governments and migrants.

Context:

Working Under the supervision of the IBM project manager, the successful candidate will work as a SPS consultant on the 3 IOM project portfolios "Enhancing Land and Sea Border Data Systems" (ELSBDS), which is funded by the German Federal Foreign office and German Cooperation, and by Switzerland and Nigeria Immigration Training Strategy Implementation Project (NIS TSI-1). The Migration Information Data Analysis System (MIDAS) has been installed at nine (9) land and sea border control posts around the country. Eight of these sites are supported by Solar Power Systems (SPS). IOM is continuing MIDAS and SPS deployment through the ELSBDS projects, and other related initiatives to additional NIS border control posts.

Core Functions / Responsibilities:

The Consultant will be responsible for the following:

1. Participate in on-site field assessments as part of an overall team led by Nigeria Immigration Service and IOM Nigeria. The consultant will assess the specific needs for each site to provide adequate solar electric power for new computer systems to be installed at these locations. The computer systems will be designed for maximum power efficiency and will be minimalist in nature. The following technical issues will be among those addressed:
 - Site orientation and best kind, number and placement of solar panels, inverters and battery systems, and wiring appendages;
 - Interface issues with other electrical power sources, ensuring their best integration with the solar sources while also ensuring full solar capacity to the data systems in the event of failure of alternate supplies;
 - Appropriate considerations of the operation of the systems throughout the year, considering specifically extended rainy season performance issues;
 - Recommended maintenance schedule and specifications for contracted maintenance services;
 - Recommended key elements of a training regimen for on-site and off-site NIS personnel to maintain and adapt the system, apart from contracted maintenance obligations; and,
 - Other technical details that may be required to ensure the most appropriate, sustainable and fully effective solar power systems at these sites.
2. Participate in an in-depth discussion with the IOM Immigration and Border Management Unit team at IOM Abuja and contribute to the report preparation of the assessment for sites visited.

3. Support the tender publication process for the supply of solar equipment for installation at the selected sites and participate in bids evaluation process with IOM project management and procurement team.
4. Assist IOM in assessing Solar Power installation materials received from vendor to ascertain adherence or deviation to required specification and in providing any further technical clarifications with the selected vendor. This will be done at the direct request of IOM. The Expert may have direct contact with the assigned vendor(s), as specifically instructed by IOM
5. Directly manage the installation of the SPS at the noted sites and also provide SPS maintenance training. This includes oversight of the craftsperson (carpenters, electricians, etc.) who will also be contracted by IOM to assist in the installation process. In this stage the Expert manages the process on-site, bringing the system into full operation. IOM will separately provide the IT experts needed to install the border data system at these sites immediately after the completion of the SPS installation

Tangible and Measurable Output of the Work Assignment

- Interim report based on Task #1
- Interim specific site reports as work progresses, based on Task #2
- Detailed technical specifications for IOM's subsequent bid or tender procurement of the equipment based on Task #3
- Detailed recommendations for service contracts to maintain the systems based on Task #3
- Detailed site reports with full technical specifications and equipment recommendations for each site (BCPs and managing State offices), and other pertinent information on key issues for solar installation and use based on Task #4
- Specification of the most important elements of a training regimen for NIS staff (on-site and off-site) who will be responsible for care and maintenance outside of the maintenance service contracts based on Task #5
- Summary final report highlighting common issues including technical, training and maintenance issues based on Task #5.

Required Qualifications and Experience

- University degree in Solar Energy Technology, Physics, or other related majors
- Minimum 5 years' of relevant experience, preferably in the field of solar energy infrastructure and electrical systems
- Must be permanent resident in Nigeria or must have lived in Nigeria for more than one year
- Sound knowledge of Nigeria, as well as experience in working with solar panels installations and electrical systems
- Understand building codes and complete installations in conformity with them
- Excellent customer service skills
- Great ability to wire equipment into the power grid
- Extensive knowledge on proper mount installation
- Computer literacy including, proficiency in MS Office applications.
- Excellent social and inter-cultural skills.
- Ability to work with colleagues from varied cultures and professional backgrounds.
- Ability to analyze and interpret source information and data. Analytical thinker and an eye for details.
- Personal commitment, efficiency, empathy, flexibility, drive for results, respect for diversity, creative thinking, and organized

PERFORMANCE INDICATORS

- Adherence to agreed schedule of activities
- Timely production of reports
- Respectful and cooperative approach with NIS and other concerned counterparts

Languages

Fluency in **English** and Native Language; Fluency in French advantageous;

Required Competencies

Behavioural

- Good interpersonal and communication skills
- Knowledge of statistical methods and migration data sources at the regional and international level required

- Confident use of statistical analysis software and social research methods
- Personal commitment, efficiency and drive for results
- Ability to draft text clearly and concisely
- Ability to effectively handle multiple tasks under time constraint
- Proven track record of delivering on time and within the budget
- Ability to work in English and French Languages

Others

Appointment will be subject to certification that the candidate is medically fit for appointment and verification of residency, visa and authorizations by the concerned Government, where applicable.

Women with the above qualifications are encouraged to apply

How to apply:

Interested candidates are invited to submit their applications via email to **HRNIGERIA@iom.int** indicating position applied on subject line **by Friday 15th June 2018**

In order for the applications to be considered valid, IOM only accepts applications with a cover letter not more than one page specifying the motivation for application, addressed to **Human Resources, International Organization for Migration (IOM)** and with a subject line **CFCV2018/27. Abuja. Consultant (IBM/Solar Power Assessments)**

All applications should include a functional email address, mobile numbers and detailed curriculum vitae (CV).

Posting period:

From 18.05.2018 to 15.06.2018