



IOM International Organization for Migration

CALL FOR CVS

Position	: Consultant (IBM-Technical Advisor (Electrical/ Power)).
Organizational Unit	: Immigration & Border Management
Duty Station	: Homebased with Travels to the field
IOM Classification	: Consultant
Type of Appointment	: Consultant, 30 working days within a duration of 6 months
CFCV No.	: CFCV2020/61
Estimated Start Date	: As soon as possible
Closing Date	: Sunday 11th October, 2020

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:

Under the supervision of the IBM Senior Program Manager, the successful candidate will work as an Electrical / IT Technical Consultant on the IOM project portfolio "**MIDAS Expansion at Air Borders in Nigeria**", which is funded by the Government of Canada and being implemented in collaboration with the Nigeria Immigration Service (NIS).

Through the Project, IOM in collaboration with NIS will additionally equip passenger processing points at two international airports namely Nnamdi Azikiwe International Airport, Abuja and Murtala Mohammed International Airport, Lagos, review existing electrical systems in and carry out upgrades and corrective work on installed inverters where required. The main objective of this contract is to engage the services of a Technical Expert to carry out a holistic review of all inverter / electrical installations at the airports and also assess specific needs and provide detailed specifications for required upgrades additional inverter systems related installations at these airports to ensure adequate alternative power supply at the airports.

Core Functions / Responsibilities:

1. Participate in on-site field assessments as part of a team led by IOM Nigeria, Nigeria Immigration Service. The assessment will take a look at the state of all installed inverter and related electrical systems as well as identify gaps and challenges that may be envisaged considering the additional MIDAS equipment that will be installed at the airports.
Time commitment: 10 working days
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.
Time commitment: 2 days
3. Provide expert advice and support in the preparation of tender publication for the supply of additional inverter system and accessories for installation at the airports and participate in the bids' evaluation process with IOM project management and procurement team.
Time commitment: 2 days
4. Supervise all maintenance and upgrading of inverter and other electrical installations and advice on installation materials received from vendors 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 not have direct contact with the assigned vendor(s) except as specifically instructed by IOM.
Time commitment: 2 days

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5. Directly manage the installation of the additional inverter systems at the noted sites. At this stage, the expert will manage the process on-site, bringing the system into full operation. Carry out a comprehensive assessment of the electrical system, test installed inverter systems including the batteries and other accessories and advise accordingly. Also advise on the proximity of the location of the inverter system to the computers as well as the workstation/ load ratio to each inverter system. IOM will separately provide the IT experts needed to install the system at these sites immediately after the completion of the SPS installation.
Time commitment: 10 days
6. Provide trainings to NIS Training Focal Points (TFPs) and technical staff on inverter system maintenance and other related topics. Provide written technical advice to this includes providing oversight to the craftsman (carpenters, electricians, etc.) who will also be contracted by IOM to assist in the installation process. Develop an SOP on the active maintenance of the inverter system for optimal performance.
Time commitment: 4 days.
7. Carry out maintenance work whenever such is requested

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 and other pertinent information on key issues for inverter installation and use based on Tasks #4 and #5
- 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 Tasks #5 and #6
- Summary final report highlighting common issues including technical, training and maintenance issues based on Tasks #5 and #6.

PERFORMANCE INDICATORS

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

Required Qualifications and Experience

- A specialized degree from an accredited academic institution, preferably in Technology, Electricals, Physics, or other related majors.
- Minimum of five years of relevant experience, preferably in the field of solar energy infrastructure and electrical systems
- Proficiency in English.
- 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 inverter installations and power/ 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 analyse 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.
- Minimum of five years of relevant experience, preferably in the field of solar energy infrastructure and electrical systems
- Proficiency in English.

Languages

Excellent knowledge of spoken and written English; working knowledge of Hausa, Yoruba and Igbo is advantageous.

Required Competencies

Values

- Inclusion and respect for diversity respects and promotes individual and cultural differences; encourages diversity and inclusion wherever possible.
- Integrity and transparency: maintain high ethical standards and acts in a manner consistent with organizational principles/rules and standards of conduct.
- Professionalism: demonstrates ability to work in a composed, competent and committed manner and exercises careful judgment in meeting day-to-day challenges.

Core Competencies – behavioural indicators

- Teamwork: develops and promotes effective collaboration within and across units to achieve shared goals and optimize results.
- Delivering results: produces and delivers quality results in a service-oriented and timely manner; is action oriented and committed to achieving agreed outcomes.
- Managing and sharing knowledge: continuously seeks to learn, share knowledge and innovate.
- Accountability: takes ownership for achieving the Organization's priorities and assumes responsibility for own action and delegated work.
- Communication: encourages and contributes to clear and open communication; explains complex matters in an informative, inspiring and motivational way.

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 are encouraged to apply

How to apply:

Interested candidates are invited to submit applications via email to **HRNIGERIA@iom.int** indicating position applied on subject line **by Sunday 11th October 2020**.

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 **CFCV2020/61 Consultant (IBM- Technical Advisor (Electrical/ Power))**

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

Posting period:

From 28.09.2020 to 11.10.2020