General Information

Country of Assignment
South Sudan

Host Institute
United Nations Mission in South Sudan

Volunteer Category
International Specialist

Number of Volunteer
1

Duration
until 30-06-2022

Expected Starting Date
Immediate

Duty Station
Juba [SSD]

Assignment Place
Non-Family Duty station

Assignment Place Remark
Assignment is non-family duty station

Living Conditions

Living conditions vary between UNMISS duty stations. Each duty station where UNMISS has a field presence has basic residential camp facilities, which includes running water and electricity. Candidates should be aware that accommodation may be austere with the possibility of water shortages and power blackouts. On arrival in Juba accommodation will be on a share basis. Ablutions will also be shared. As the accommodation situation improves single unit accommodation, with an attached ablation, should become available in all locations. Hard wall accommodation is available in Juba.

All UNMISS duty stations apart from Entebbe, Uganda are considered non - family duty stations. The security level of UNMISS duty stations is classified by the UN Department of Safety and Security (UNDSS) who will brief on arrival. A number of locations in South Sudan are prone to conflict.

Primary health care services (preventive and curative) are provided in 11 United Nations Owned Equipment (UNOE) Level-I clinics, 21 Contingent Owned Equipment (COE) Level-I clinics, 4 COE Level-II medical facilities within the mission area and the establishment of
Assignment Details

Assignment Title: Renewable Energy Technician

Organizational Context & Project Description


Task description

Under the direct supervision of Telecommunication Officer or his designate, the UN Volunteer will undertake the following tasks:

- Perform for installation, commissioning and maintenance of the alternate power generation facilities, power conditioning and backup power systems in the Mission including various solar PV power systems, UPS, inverters, DC battery banks, surge protection devices, etc;
- Managing for troubleshoot critical power systems and maintenance/repairs with minimum downtime and operation disruption;
- Conduct of preventative maintenance service to backup power systems and accessories including batteries as required / scheduled;
- Install and maintain of remote monitoring system for UPS / power inverters and alternate power equipment;
- Perform for site survey for alternative energy and backup power projects of significant complexity / capacity;
- Develop for the layout design and drawing using AutoCAD;
- Ensure of quality control; confirm adherence with standard processes; liaise with users on all aspects and during all phases of alternate energy project;
- Assist in developing of specifications for procurement of equipment, analyze specifications, and reports;
- Planning and scheduling of workload as directed by the Telecommunications Officer or his designate; identify possible problems; initiate long term alternative energy and backup power system configuration regarding installation and commissioning of various systems, including the implementation of enhancements and upgrades;
- Conduct surveys for power infrastructure requirement to FTS facilities to ensure continuity of services;
- Maintain and provide relevant data and records related to Alternative Energy Unit projects, activities and operations;
- Performs other related duties as may be required from time to time by FTS Management.

Furthermore, UN Volunteers are required to:- Strengthen their knowledge and understanding of the concept of volunteerism by reading relevant UNV and external publications and take active part in UNV activities (for instance in events that mark International Volunteer Day)- Be acquainted with and build on traditional and/or local forms of volunteerism in the host country- Provide annual and end of assignment reports on UN Volunteer actions, results and opportunities using UNV's Volunteer Reporting Application- Contribute articles/write-ups on field experiences and submit them for UNV publications/websites, newsletters, press releases, etc.- Assist with the UNV Buddy Programme for newly-arrived UN Volunteers- Promote or advise local groups in the use of online volunteering, or encourage relevant local individuals and organizations to use the UNV Online Volunteering service whenever technically possible.

Results/Expected Outputs

- Install and maintain suitable backup power infrastructure to ensure continuity of communication services in the Mission with minimum disruption and down time.
- Install and maintain solar PV off-grid solutions to cater uninterrupted green energy to critical FTS facilities.
• The development of capacity through coaching, mentoring and formal on-the-job training, when working with (including supervising) national staff or (non-) governmental counter-parts, including Implementing Partners (IPs); • Age, Gender and Diversity (AGD) perspective is systematically applied, integrated and documented in all activities throughout the assignment • A final statement of achievements towards volunteerism for peace and development during the assignment, such as reporting on the number of volunteers mobilized, activities participated in and capacities developed

## Qualifications/Requirements

<table>
<thead>
<tr>
<th>Required Degree Level</th>
<th>Technical/Vocational diploma</th>
</tr>
</thead>
</table>

### Education - Additional Comments

Diploma from Technical Institute or Electrical Engineering degree from a recognized institution very desirable.

### Required experience

36 months

### Experience Remark

Minimum three years experience in installation and maintenance of solar PV off-grid power systems (standalone and hybrid systems), UPS, inverters, etc., required.

### Language

- English (Mandatory), Level - Fluent

### Area of Expertise

- Energy sector Mandatory

### Area of Expertise Requirement

- **Computer skills:** Solid computer skills, including full proficiency in various MS Office applications (Excel, Word, Visio, PowerPoint, etc.); AutoCAD or similar applications.
- **Other skills and qualifications:** Knowledge of design softwares such as AutoCAD desirable.

### Need Driving Licence

Yes

### Competencies & Values

- Accountability
- Adaptability and Flexibility
- Commitment to Continuous Learning
- Communication
- Integrity
- Planning and Organizing
- Respect for Diversity
- Working in Teams

## Conditions of Service and other information

- Click here to view Conditions of Service

The United Nations Volunteers (UNV) programme is administered by the United Nations Development Programme (UNDP).
Conditions of Service for International Specialist:


The rapidly changing nature of novel coronavirus COVID-19 has placed significant and increasing restrictions on the freedom of movement of people across the globe, within countries and across borders. Such restrictions make it very difficult for international UN Volunteers to begin their assignments at their assigned duty station and UNV cannot guarantee assignments will proceed as normal.

Candidates for international UN Volunteer assignments during this period may be exceptionally granted alternative working arrangements to work from their place of recruitment until restrictions are lifted. This is at the discretion of the host entity. Candidates proceeding to interview are recommended to discuss the likelihood of travel and possible alternative arrangements with the host entity. If selected, candidates should carefully consider the circumstances before accepting UNV’s offer.

In cases where the UN Host Entity partner has requested the UN Volunteer to perform their assignment remotely, the Post Adjustment Multiplier (PAM) and related entitlements to be paid may be adjusted to the temporary duty station from where the UN Volunteer has been requested to work if requested by the UN Host Entity.

The contract lasts for the period indicated above with possibility of extensions subject to availability of funding, operational necessity and satisfactory performance. However, there is no expectation of renewal of the assignment.

A UN Volunteer receives a Volunteer Living Allowance (VLA) which is composed of the Monthly Living Allowance (MLA) and a Family Allowance (FA) for those with dependents (maximum three).

The Volunteer Living Allowance (VLA) is paid at the end of each month to cover housing, utilities, transportation, communications and other basic needs. The VLA can be computed by applying the Post-Adjustment Multiplier (PAM) to the VLA base rate of US$ 1,682. The VLA base rate is a global rate across the world, while the PAM is duty station/country-specific and fluctuates on a monthly basis according to the cost of living. This method ensures that international UN Volunteers have comparable purchasing power at all duty stations irrespective of varying costs of living. The PAM is established by the International Civil Service Commission (ICSC) and is published at the beginning of every month on the ICSC website http://icsc.un.org.

For UN Volunteer entitlements, kindly refer to the link https://vmam.unv.org/calculator/entitlements

In non-family duty stations that belong to hardship categories D or E, as classified by the ICSC, international UN Volunteers receive a Well-Being Differential (WBD) on a monthly basis.
Furthermore, UN Volunteers are provided a settling-in-grant (SIG) at the start of the assignment (if the volunteer did not reside in the duty station for at least 6 months prior to taking up the assignment) and in the event of a permanent reassignment to another duty station.

UNV provides life, health, permanent disability insurances as well as assignment travel, annual leave, full integration in the UN security framework (including residential security reimbursements).

UN Volunteers are paid Daily Subsistence Allowance at the UN rate for official travels, flight tickets for periodic home visit and for the final repatriation travel (if applicable). Resettlement allowance is paid for satisfactory service at the end of the assignment.

UNV will provide, together with the offer of assignment, a copy of the Conditions of Service, including Code of conduct, to the successful candidate.

**Supervision, Induction and duty of care of UN Volunteers** (Roles and Responsibilities of Host Entities)

UN Volunteers should be provided equal duty of care as extended to all host entity personnel. Host entity support to the UN Volunteer includes, but is not limited to:

- Introductory briefings about the organisation and office-related context including security, emergency procedures, good cultural practice and orientation to the local environment;

- Support with arrival administration including setting-up of bank accounts, residence permit applications and completion of other official processes as required by the host government or host entity;

- Structured guidance, mentoring and coaching by a supervisor including a clear workplan and performance appraisal;

- Access to office space, equipment, IT support and any other systems and tools required to complete the objectives of the assignment including a host entity email address;

- Access to shared host entity corporate knowledge, training and learning;

- Inclusion of the volunteer in emergency procedures such as evacuations;

- Leave management;

- DSA for official travel, when applicable;

- All changes in the Description of Assignment occurring between recruitment and arrival or during the assignment need to be formalized with the United Nations Volunteer Programme;

- Investigate misconduct: sharing reports with the UNV;

- Provide emergency assistance, e.g. the death of volunteer or medical evacuation, in collaboration with UNV. Accept letters of guarantees or potential liabilities for covering medical costs not claimable under medical insurance in extraordinary situations (e.g. isolation facilities’ services during pandemics).

**Application Code**    SSDR001487-9003

**Application procedure**

* Not yet registered in the UNV Talent Pool?
Please first register your profile at https://vmam.unv.org/candidate/signup. Important: After creating your account, complete all sections of your profile and submit it. Then go to ‘My Page’ at https://vmam.unv.org/candidate/mypage and click on the ‘Special Calls’ hyperlink. Lastly, select the special call to which you would like to apply.

* Already registered in the UNV Talent Pool?

Please first update your profile at https://vmam.unv.org/candidate/profile. Then go to ‘My Page’ at https://vmam.unv.org/candidate/mypage and click on the ‘Special Calls’ hyperlink to select the special call to which you would like to apply.

Application deadline: 22 March 2021

doa.apply_url

https://vmam.unv.org//candidate/show-doa/U1NEUjAwMTQ4Nw==

Disclaimer

United Nations Volunteers is an equal opportunity programme which welcomes applications from qualified professionals. We are committed to achieving diversity in terms of gender, nationality and culture.