

UN VOLUNTEER DESCRIPTION OF ASSIGNMENT

MOZR000724--Field Civil Engineer

The United Nations Volunteers (UNV) programme is the UN organization that promotes volunteerism to support peace and development worldwide. Volunteerism can transform the pace and nature of development and it benefits both society at large and the individual volunteer. UNV contributes to peace and development by advocating for volunteerism globally, encouraging partners to integrate volunteerism into development programming, and mobilizing volunteers. In most cultures volunteerism is deeply embedded in long-established, ancient traditions of sharing and support within the communities. In this context, UN Volunteers take part in various forms of volunteerism and play a role in development and peace together with co-workers, host agencies and local communities. In all assignments, UN Volunteers promote volunteerism through their action and conduct. Engaging in volunteer activity can effectively and positively enrich their understanding of local and social realities, as well as create a bridge between themselves and the people in their host community. This will make the time they spend as UN Volunteers even more rewarding and productive.

General Information

Country of Assignment	Mozambique
Host Institute	United Nations Development Programme
Volunteer Category	National University Volunteer
Number of Volunteer	16
Duration	3 months
Possibility of Extension	Yes
Expected Starting Date	Immediate
Duty Station	Beira [MOZ]
Assignment Place	Family Duty Station
Assignment Place Remark	

Living Conditions

As this is a national UN Volunteer assignment, the UN Volunteer will be responsible for arranging his/her own housing and other living essentials. National UN Volunteers are part of the malicious insurance plan.

Reconstruction after Idai in Sofala province is a unique (humanitarian) operation. It provides for an interesting and enriching environment, but also requires a mature level of cultural awareness, as well as more stamina and commitment than elsewhere to make life comfortable and affordable. Therefore, flexibility and the ability and willingness to live and work in harsh and potentially hazardous conditions, involving physical hardship and little comfort, are essential.

Assignment Details

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The United Nations Volunteers (UNV) programme is administered by the United Nations Development Programme (UNDP).

Assignment Title

Field Civil Engineer

Organizational Context & Project Description

On 14 March 2019, Mozambique was severely hit by tropical Cyclone Idai which made landfall as a category four Cyclone near BEIRA City, with strong winds (180 – 220km per hour) and heavy rain (more than 200mm in 24 hours) across the provinces of Sofala, Manica, Zambezia, Tete and Inhambane. The weather system's impact was particularly devastating as it came in three waves. The impact of the cyclone and flood caused loss of life, widespread destruction to both infrastructure and shelters, as well as disruption of essential services, markets and livelihoods.

1.2. Key output

The recovery facility adapts self-construction approach for the construction of houses in the resettlement neighbourhood and self-repair in BEIRA municipality (Manga and Nhangau, Ndunda and MangaLaforte neighbourhood), Mutua, MANDRUZI and SAVANE. This will ensure the ownership of the construction and at the same time, it will also contribute to the economic recovery of the target communities by self-employment in the construction of the houses.

The project will fully follow the instruction and guidance standards of safe and resilient construction proposed by the Post Cyclone Safe Housing Reconstruction Document the "PALPOC" of Cabinet for reconstruction.

In order to ensure the resilience and standards the RF approach recommends multiple layers of supervision and quality assurance. Where the bottom up and top down measures merge very well to enhance on one hand community; engagement, leadership, ownership and empowerment. And on the other hand, strictly follow the standards and technical recommendations that are critical in ensuring the resilience and BBB principles.

2. Objective

The overall objective is to integrate the scheme for University engineers and Architects Youth Volunteers in the UNDP intervention for quality assurance of the implementation self-construction and self-repair houses projects in output 1 and 2. In addition, provide technical assistance to UNDP Mozambique Recovery Facility Programme in BEIRA.

The main activity of output 1 and 2 is to supervise the intervention of self-construction approach in the construction of houses in the resettlement neighbourhood and self-repair in BEIRA municipality (Manga and Nhangau, Ndunda and Manga Laforte neighbourhood), Mutua, MANDRUZI and SAVANE

Sustainable Development Goals

13. Climate Action

Task description

Under the direct supervision of senior civil engineer , National UN Youth Volunteer will:

The main obligation of the youth volunteers is to supervise the construction and the rehabilitation works of housing in the mentioned above locations.

1. House construction:

1. Observe and supervise the work performed by the labours (skilled and unskilled) for reconstruction compliance with the drawings and specifications, in line with PALPOC 's resilient construction standards
1. Assist in approving standards of construction materials and tools before being used in the work.
1. Guide to technical person of Implementing Partner (IP) (NGO/CSOs) where require, request material testing to the designated Laboratory to test for compliance with quality standards and technical specifications.
1. Identify potential variations between program and probable completion dates and propose corrective measures to ensure effective and quality delivery of the planned tasks.
1. Assist in performing final inspections of each component of the work for compliance certification.
1. Ensure that the construction/renovation sites are neat and clean as far as possible.
1. Provide inputs in preparing the monthly report of the NGO/CSOs.
1. Guide, recommend and supervise to labors (skilled and unskilled) to ensure safety measures are implemented.
1. supervise, monitor, provide guidance and recommendations based on the agreed standards of resilient construction of PALPOC. Additionally, provide recommendations on the spot to the communities and Artisan for any issues they may face.

1. Provide technical assistance for the design of BOQs, drawings and project requirements to be implemented by the Mozambique Recovery Facility Program in BEIRA.

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- **House self-repair.**
 - Assist to conduct the comprehensive door-to-door damage assessment covering the entire targeting areas for houses repair. The assessment should occur once and be accurate and conclusive. A detailed survey is important for assessing the degree and scale of damage to the housing stock under consistently applicable engineering requirements and according the standards of resilient construction of PALPOC.
 - Prepare BOQs according to the result of assessment.
 - Observe and supervise closely work performed by the labours (skilled and unskilled) to repair houses compliance as the drawings and specifications, in line with PALPOC 's resilient construction standards
 - Assist in approving standards of construction materials and tools before being used in the work.
 - Guide to technical person of Implementing Partner (IP) (NGO/CSOs) where require, request material testing to the designated Laboratory to test for compliance with quality standards and technical specifications.
 - Identify potential variations between program and probable completion dates and propose corrective measures to ensure effective and quality delivery of the planned tasks.
 - Assist in performing the final inspections of each component of the work for compliance certification.
 - Ensure that the construction/renovation sites are neat and clean as far as possible.
 - Guide and recommend to labors (skilled and unskilled) to ensure safety measures are implemented
 - supervise, monitor, provide guidance and recommendations based on the agreed standards of resilient construction of PALPOC. Additionally, provide recommendations on the spot to the communities and Artisan for any issues they may face.

1. Technical assistance for the UNDP Mozambique Recovery Facility Program in BEIRA.

3. Participate in the assessment processes of the targeted locations in order to identify the needed plan including the procedures, items and equipment.
 1. Participate in preparing the required Bill of Quantities (BoQs) of the relevant renovation and construction activities.
 1. Respond to queries arise from procurement unit and review committees related to BoQs and technical specifications.
 1. Participate in pre-bid meetings and respond to queries from potential national bidders if related to BoQs and technical specifications.
 1. Participate in Technical Review panels for submitted bids and review all bids against the approved BoQs and technical specifications.
 1. To participate in supervise all locations of building and provide updates, recommendation to UNDP
 1. To participate in checking materials received at construction/renovation sites.
 1. Monitor Recovery activities with NGOs and report the progress to the project management.
 1. Participate in Coordination between UNDP and local authorities and civil society on all the ongoing activities

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

- All houses are repaired only after the damage assessment is conducted.
- All the repaired houses are resilience and are able to withstand anticipated/potential cyclone.
- All construction and repairs of the houses meet the quality as per technical design, drawing and specification in line with PALPOC 's resilient construction standards.
- All construction and repair houses undertakend using required materials as per specification in line with PALPOC 's resilient construction standards.
- All construction and repair of the houses are completed withing stipulated time.
- University Volunteers monitor/mentor skilled and unskilled labour and supervised the works day to day in a line of PALPOC's resilient construction standards.
- University Volunteers help to solve social issues raised in the construction sites with a meaningful participation of the community

people.

- University Volunteers report to his/her supervisor on time.
- University Volunteers ensure construction works is implemented in close coordination with implementation partners IPs, local community, UNDP engineers and GREPOC
- 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

Required Degree Level Secondary education

Education - Additional Comments

Last semester in university /or fresh graduate (Civil engineer or architect)

Required experience 0 months

Experience Remark

- Demonstrated interest and/or experience Civil engineering or architecture is required
- Motivated to contribute towards peace and development and to serve others;
- Good interpersonal, networking and communication skills;
- Willingness to contribute and work as part of a team;
- Flexible and open to learning and new experiences;
- Respect for diversity and adaptability to other cultures, environments and living conditions;
- Previous experience as a volunteer and/or experience of another culture, (i.e. studies, volunteer work, internship) would be highly regarded;

Language

- Portuguese (Mandatory) , Level - Fluent
- AND - English (Optional) , Level - Working Knowledge

Area of Expertise

- Civil engineering and construction supervision Mandatory

Area of Expertise Requirement

Computer skills (i.e. Word, Excel, PowerPoint, social media, and others)

Need Driving Licence No

Competencies & Values

- Accountability
- Adaptability and Flexibility
- Building Trust
- Commitment and Motivation

- Commitment to Continuous Learning
- Ethics and Values
- Integrity
- Self-Management
- Working in Teams

Conditions of Service and other information

Condition of Service

[Click here to view Conditions of Service](#)

Conditions of Service:

Note on novel coronavirus – COVID-19.

The rapidly changing nature of novel coronavirus COVID-19 has placed significant and increasing restrictions on the freedom of movement of people, even within countries. Such restrictions may affect the ability national UN Volunteers to begin their assignments at their assigned duty station or limit the ability to enter UN premises. Thus, UNV cannot guarantee assignments will proceed as normal.

Candidates for national UN Volunteer assignments requiring travel to the duty station may be exceptionally granted during this period alternative working arrangements to work from their place of recruitment until restrictions are lifted. Candidates for national UN Volunteer assignments may also need to begin their assignments remotely in cases where access to UN premises is restricted. These are decisions at the discretion of the host entity. Candidates proceeding to interview are recommended to discuss travel requirements, any restrictions, and possible alternative arrangements with the host entity. If selected, candidates should carefully consider the circumstances before accepting UNV's offer.

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.

Travel to duty station (if applicable) and a Settling-In-Grant will be provided in the event the duty station is not within commuting distance from the place of recruitment. The applicable Volunteer Living Allowance is provided monthly to cover housing, utilities and normal cost of living expenses. Life, health and permanent disability insurance are included as well as final repatriation (if applicable).

Furthermore, in non-family duty stations that belong to hardship categories D or E, as classified by the ICSC, the applicable Well-Being Differential (WBD) on a monthly basis will be provided.

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

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 and official processes;
- 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;
- Any necessary security measures, ensuring that UN Volunteers are covered by the United Nations Security Management System (UNSMS) in line with the UNDSS Security Policy Manual;
- 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

MOZR000724-8571

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

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apply.

Application deadline: 27 January 2021

doa.apply_url

<https://vmam.unv.org/candidate/show-doa/TU9aUjAwMDcyNA==>

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.

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