UN VOLUNTEER DESCRIPTION OF ASSIGNMENT

ZMBR000128--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

<table>
<thead>
<tr>
<th>Country of Assignment</th>
<th>Zambia</th>
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<tbody>
<tr>
<td>Host Institute</td>
<td>United Nations Development Programme</td>
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<tr>
<td>Volunteer Category</td>
<td>National Specialist</td>
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<tr>
<td>Number of Volunteer</td>
<td>1</td>
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<tr>
<td>Duration</td>
<td>5 months</td>
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<tr>
<td>Expected Starting Date</td>
<td>Immediate</td>
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<tr>
<td>Duty Station</td>
<td>Lusaka [ZMB]</td>
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<tr>
<td>Assignment Place</td>
<td>Family Duty Station</td>
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None.

Living Conditions

Lusaka became the capital city of Zambia in May 1935. Lusaka’s central position in Zambia and its extremely pleasant climate were two of the main reasons for its selection as the capital. It is a metropolis, which provides a home to about two and half million (2.5M) inhabitants of many different nationalities. It has grown to become the seat of the Government of the Republic of Zambia and as such all diplomatic missions, international organisations, industrial and commercial entities have set base. Its political, social, economic and cultural significance has also increased through the years. Lusaka has all amenities in place that would make a visitors stay comfortable. For more info, visit: http://www.zambiatourism.com.
Transport and communications play a critical role in the growth and development of Zambia’s economy. However, in Zambia, transportation costs are among the highest in the sub-region working against the welfare of people particularly the poor. The 7th National Development Plan recognizes that while transport and communications are critical to economic growth and poverty reduction, if inappropriately designed, transport strategies and programmes result in networks and services that worsen the conditions of the poor, harm the environment, ignore the changing needs of users, and exceed the capacity of public finances to maintain them.

Currently in many of the main cities in Zambia, and especially in Lusaka, pedestrians are relegated to the margin of the roads in dusty and uneven, small dangerous spaces. According to a JICA Household Interview Survey, conducted as part of a Comprehensive Urban Development Plan for Lusaka in 2009, walking is the dominant mode of movement for home-based trips, accounting for 65% of the total daily urban movement, while public transport accounts for 23% and private transport 10%. Non-Motorized Transport (NMT) modes provide basic mobility and affordable transport and offers crucial first- and-last mile connectivity to public transport.

To address challenges highlighted above, UNDP in collaboration with the Ministry of Local Government and Housing is implementing the ‘Pedestrian First Zambia – Creating Inclusive Cities Project.’ The overall goal of this Project is to contribute to improving sustainable mobility in Zambia to help the most disadvantaged have access to safe and affordable means of non-motorized transport. This will contribute to the wellbeing and livelihoods of the overall population and will have positive environmental benefits. Safe walking and cycling infrastructure, not only will decrease the cost of transport of the disadvantaged but also, it will, in turn, improve people’s health and have positive benefits on economic productivity. The Project will also be a catalyst for converting Lusaka into a livable city that will encourage business investments especially in the tertiary and service sectors and contribute to reduced carbon emissions. Ultimately, this will contribute to transforming Zambia into a nation of healthy and productive people as outlined in the 2017-2021 7NDP.

The three main outcome areas of this programme are:

- **Outcome 1:** Policy development and implementation to create an enabling environment to support the principle of livable cities and safer roads are strengthened.
- **Outcome 2:** Multi-stakeholder participation to advocate for an inclusive, safe and sustainable mobility for non-motorized road users is created.
- **Outcome 3:** Physical design and construction of walkways and bikeways that meet the principles of sustainable and livable cities and safer roads are completed.

The work will involve measurement of executed construction works and valuating claims made by the
Sustainable Development Goals

11. Sustainable Cities and Communities

Task description

Within the delegated authority and under the supervision of the Project Manager or his/her designated mandated representative(s), the UNV Civil Engineer will:

- Conduct technical feasibility studies for identification of sites to construct safe walk-ways in close coordination with Local Authorities at Provincial, District, and Divisional levels, as well as with the concerned line Ministries and implementing partners;
- Provide technical support to UNDP Office in Lusaka with the establishment of walk-ways facilities and infrastructure for pedestrians, cyclist, wheel burrows and wheel-chair users to cross cutting issues, including environmental and community-based protection;
- Ensure environmental preservation measures are taken seriously by identifying, designing and developing plans for green spaces along the walkways while respecting local spaces and boundaries;
- Ensure that walkway designs take into consideration protection-oriented issues such as, the aged, less-abled and the specific needs of school going children. The adequate location of social/service/health/education facilities, communal services, and distribution areas should also be addressed;
- Support the development of “walkability” strategy following Master Plan principles and incorporate green areas/other infrastructure components as necessary;
- Support procurement during construction tender evaluations;
- Supervise construction works and ensure quality control;
- Prepare regular site inspection reports and minutes;
- Come up with a summary synthesis situation analysis on non-motorized projects in Zambia;
- Do a summary of the status quo, financial modelling as well as engineering designs of pedestrian pavements in Zambia;
- Perform any other related tasks as may be required or assigned by the supervisor.

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

2 Sep 2019
• As an active UNDP team member, efficient, timely, responsive, client-friendly and high-quality support rendered to UNDP and its beneficiaries in the accomplishment of her/his functions, including:
  • Technical feasibility studies for identification of adequate sites conducted;
  • Technical support provided to UNDP/Steering committee in Lusaka;
  • Sites identified, and other infrastructure established with due consideration of critical factors;
  • Walkway designs and technical drawings developed;
  • Implementation modalities developed;
  • Summary synthesis situation analysis on non-motorized projects in Zambia;
  • Summary of the status quo, financial modelling as well as engineering designs of pedestrian pavements in Zambia.

• 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

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<th>Required Degree Level</th>
<th>Bachelor degree or equivalent</th>
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<tr>
<td>Education - Additional Comments</td>
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<tr>
<td>• Bachelor’s degree in Civil Engineering disciplines with courses in physical planning, roads design, construction management, infrastructure development or any other related subjects.</td>
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<td>Required experience</td>
<td>60 months</td>
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<td>Experience Remark</td>
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<tr>
<td>• At least 5 years of progressively responsible functions in road construction, site planning or a related field.</td>
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Language Skills
• English (Mandatory) , Level - Fluent

Area of Expertise
• Civil engineering and construction supervision Mandatory

Area of Expertise Requirement
• Registered with the Engineering institution of Zambia;
• Good understanding and proven experience in site planning strategies and design and ability to achieve quality results, on time and within available resources;
• Solid overall computer literacy, including proficiency in AutoCAD, various MS Office applications (Excel, Word, etc.) and email/internet; familiarity with database management; and office technology equipment;
• Ability towards analytical and creative thinking for rapid solutions;
• Self-motivated, ability to work with minimum supervision; ability to work with tight deadlines;
• Sound security awareness;
• Have affinity with or interest in non-motorised transport, particularly the Pedestrian First Zambia – Creating Inclusive Cities Project; volunteerism as a mechanism for durable development; and the UN System.

Need Driving Licence: No

Competencies & Values

• Accountability
• Adaptability and Flexibility
• Building Trust
• Client Orientation
• Commitment and Motivation
• Communication
• Creativity
• Ethics and Values
• Integrity
• Knowledge Sharing
• Planning and Organizing
• Professionalism
• Respect for Diversity
• Self-Management
• Technological Awareness
• Working in Teams

Conditions of Service and other information

Condition of Service: Click here to view Conditions of Service

Conditions of Service:

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 (health insurance for up to 3 dependents), as well as final repatriation (if applicable) and resettlement allowance for satisfactory service.

Furthermore, in non-family duty stations that belong to hardship categories D or E, as classified by the ICSC, a 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

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.

Application Code ZMBR000128-5288

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: 02 September 2019

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.