

Ref: UN-HABITAT/VA-I/2022/001

Issued on: 15 November 2022

TERMS OF REFERENCE

Job Title	Consultant: Development of methodology and tool for climate change vulnerability assessment and local adaptation and mitigation planning (LAMP)
Project	Myanmar Climate Change Alliance II
Location	Yangon (Home Based)
Duration	60 working days over 05 months
Starting Date	As soon as possible
Type of Contract	IICA (International)
No. of Position	01

UNITED NATIONS CORE VALUES: INTEGRITY, PROFESSIONALISM, RESPECT FOR DIVERSITY

BACKGROUND

The United Nations Human Settlements Programme, UN-Habitat, is the United Nations agency for human settlements and is mandated by the UN General Assembly to promote socially and environmentally sustainable towns and cities with the goal of providing adequate shelter for all. UN-Habitat's mandate is further derived from other internationally agreed upon development goals, including the Sustainable Development Goals (SDGs) approved by UN Member States in 2015. The New Urban Agenda approved at Quito in 2016 sets the standards for achieving SDG 11 which calls to "make cities and human settlements inclusive, safe, resilient and sustainable."

UN-Habitat has had a presence in Myanmar since the early 1990s and re-established a country office in 2008. UN-Habitat has been supporting Myanmar in Humanitarian, Development and Peace Building through its programme of support in the areas of Urban Planning and Management, Community Driven Development and Recovery, Environment, DRR/DRM and Climate Change, Solid Waste Management and Pro-poor Housing & land use etc. UN-Habitat has worked in collaboration with UN agencies, INGOs/LNGOs, Private sectors, professional & academic institutions, media and civil society organizations etc.

Under the Global Climate Change Alliance initiative of the European Union (EU), the Myanmar Climate Change Alliance (MCCA) programme was launched in 2013 and the first phase of the programme was jointly implemented by the United Nations Human Settlements Programme (UN-Habitat) and the United Nations Environment Programme (UNEP).

MCCA has supported the development of policy instruments in climate change and raised the voices and efforts to mainstream climate change into the Myanmar's development and reform agenda. Under the first phase (2013-2019), MCCA supported Myanmar to formulate Myanmar Climate Change Policy, Myanmar Climate Change Strategy and Master Plan (2018-2030) prioritizing six sectors most impacted by climate change in Myanmar. MCCA also developed local adaptation planning process and piloted in 03 townships in Myanmar.

Under the 2nd phase of Myanmar Climate Change Alliance-2 (MCCA2) programme funded by the EU, UN-Habitat will engage with key stakeholders to build climate resilience at the community level and improve climate sector dialogue in the country through knowledge generation, awareness raising and communication. UN-Habitat will work in eight selected townships in Myanmar to scale up local climate adaptation and mitigation action through a gender responsive and inclusive approach. Under MCCA2 programme, UN-Habitat will also engage with key stakeholders to enhance climate change dialogue and actions across different sectors. MCCA2 programme will directly support Myanmar in achieving the targets of sustainable development goal SDG13 and also contribute in achieving targets of other SDGs such as SDG 2 (food security), SDG 3 (health), SDG 5 (gender equality), SDG6 (clean water and sanitation), SDG7 (affordable and clean energy) and SDG 11 (sustainable cities and communities).

As part of the project, MCCA2 aims to develop a simplified methodology and tools for assessing vulnerability, impacts and adaptation to support community-level climate resilient planning. MCCA2 will also support integrating local mitigation actions into the adaptation planning tool to support communities transitioning into a low carbon climate resilient future. During the first phase of MCCA, UN-Habitat has developed and tested the climate change vulnerability assessment and local adaptation planning methodology and tool in the pilot townships of Labutta and Pakokku located in different geo-climatic zones. However, to make it replicable across all the townships of the countries, it has to be more affordable and simplified in order to be used by local communities with participation of other local climate actors such as local NGOs.

To support the MCCA2 programme implementation, UN-Habitat is looking for a suitable international consultant to review the existing tools developed under the first phase of the Myanmar Climate Change Alliance (MCCA) programme and develop simplified climate change vulnerability assessment and local adaptation and mitigation planning tools for three different climatic zones of Myanmar. The consultant will also develop the training materials and provide capacity building support to relevant stakeholders on how to use the tools.

OBJECTIVE

The objective of the assignment is to develop simplified climate change vulnerability assessments and local adaptation and mitigation planning methodology and tools which can be replicated at the local level through engagement of local stakeholders. The vulnerability assessment methodology developed by the consultant should be gender and youth inclusive and it should be feasible for replication in different geoclimatic zones of Myanmar.

SCOPE OF WORK

The consultant shall review the climate change vulnerability assessment and local adaptation planning methodologies and tools developed under MCCA phase 1 and other similar tools developed and used at local level in other part of the world to determine how existing MCCA1 tools can be simplified and adjusted for application at local level with participation of communities and local NGOs etc. The consultant is also required to customize the updated tools for three different geo climatic conditions (delta/costal, dry and hilly region), consider integration with Sustainable Development Goals (SDGs) and targets within a policy coherence approach, and provide capacity building support on how to use the tools.

DUTIES AND RESPONSIBILITIES

Under the overall supervision of MCCA Team Leader and working in close collaboration with Programme Specialist, the selected consultant is expected to undertake the following tasks:

Literature review and data collection

- Gather all relevant documents and data necessary through primary and secondary sources including through interviews with the relevant development partners as deemed necessary
- Take the stock of ongoing/previous climate change projects and programmes in Myanmar where similar disaster /climate vulnerability and risk assessments have been carried out
- In consultation with development partners, conduct the mapping of climate adaptation and mitigation actions implemented/initiated in Myanmar
- Review the climate change vulnerability assessment and local adaptation planning methodologies and tools developed under MCCA phase 1
- Review other climate change vulnerable assessments, case studies and methodologies applied in Myanmar or other countries to understand their applicability under MCCA2 in the current conditions in Myanmar
- Map the available source of data in Myanmar which will help conducting the climate change vulnerability and risk assessment. These data may include physical and environmental data, demographic data, hydrometeorological data and socio-economic data, etc.

Development of simplified climate change vulnerability assessment and local adaptation and mitigation planning methodology and tool

- Based on the literature review and identified available source of data, develop a simplified step-by-step methodology and tool for climate change vulnerability assessment to be applicable at the local level and led by community and other local climate actors. This should be based on the exposure and sensitivity to hazards, various major eco-systems, socio-economic conditions, gender sensitivity and all-inclusive in nature
- Propose simple analyses and tools to be used at the local level in assessing the climate change vulnerability of townships to current and future climate events, including methodologies for determining the adequacy to resist or adapt to climate impacts
- Based on the review of local adaptation planning methodology developed under MCCA1 and feasible local climate mitigation options in Myanmar, develop simplified ecosystem specific local adaptation and mitigation planning methodology and tools to create low carbon pathways

for climate resilient future. The methodology should be affordable and practical for local stakeholders to apply and integrate sustainable development and resilience planning within a policy coherency approach.

- Customize the simplified climate change vulnerability and risk assessment tool and local adaptation and mitigation planning (LAMP) tool for the three different climatic zones i.e. Delta and Coastal zone, Central dry zone and Hilly zone
- Conduct one workshop at township level to pilot the methodology and tools
- Identify and provide the risks and assumptions for the simplified climate change vulnerability assessment and LAMP tools
- Lead the development of a toolkit that may facilitate replication to other townships, including but not limited to:
 - Guidelines for local stakeholders
 - Video to support capacity development
 - VA and Plan templates
- Present the draft tools and methodologies for consultation with development partners to get the feedback and finalize the tools and methodology
- Develop the training materials and provide the training to selected participants from MCCA2 team and local stakeholders to enable them to apply the developed tool at local level

OUTPUTS/ DELIVERABLES

1. An Inception Report within seven days after signing of the contract which will include objective, scope, methodology, expected outputs and consultant’s work schedule etc.
2. Draft of climate change vulnerability assessment and local adaptation and mitigation planning tools and step by step methodology
3. Final tool and methodology for three different climatic zones to conduct climate change vulnerability assessment and local adaptation and mitigation planning
4. Training materials on use of simplified tools to key MCCA2 team members and relevant local stakeholders

SCHEDULE OF PROPOSED CONSULTANCY

The estimated number of days for consultancy are provided in the table below:

Deliverables/Outputs	Est: Day (s)
1. Desk review of the relevant document	05 days
2. Preparation of the inception report	02 days
3. Literature review/consultation with relevant stakeholders and mapping of relevant climate change projects in Myanmar	06 days
4. Data cleaning/Synthesis/Analysis	04 days
5. First Draft of the simplified Climate Change Vulnerability Assessment and Local Adaptation and Mitigation Planning Tools for three climatic zones	07 days
6. Step by Step methodology for the developed tools	10 days

7. Workshop at township level to pilot the methodology and tools	3 days
8. Review and finalisation of methodology and tools	5 days
9. Presentation of the draft assessment tools and incorporation of the comments	04 days
10. Final submission of vulnerability assessment tools	05 days
11. Development of training material	06 days
12. Training on simplified tools and methodology	03 days
Total days	60 days

Assignment may require a short visit to Myanmar for testing of tools and consultation workshop. In case of required travel, transport and allowances will be provided at UN-Habitat standard rates.

QUALIFICATIONS AND EXPERIENCE

The consultant should meet the following minimum criteria:

- Master’s Degree in Environmental sciences, Engineering, Architecture, Climate and Disaster Risk Management, Urban Planning, Development or other relevant field;
- Minimum 07 years of professional experience in the areas of environmental management, climate change, disaster risk reduction, etc.;
- Strong expertise and proven experience on development of tools/methodology/framework related to climate change/ disaster risk management and climate adaptation/mitigation process;
- Experience in conducting training on climate change/disaster vulnerability and adaptation assessments;
- Experience of consultation with key decision makers and stakeholders including LNGOs in the environment/climate change sector;
- Working experience in climate change/ environment/ disaster risks management preferably with an INGO/ UN-agency in Myanmar is desirable;
- Knowledge and understanding of current operational environment and challenges in Myanmar is desirable
- Excellent interpersonal, communication skills in English.

COMPETENCIES

Professionalism: professional competence and mastery of subject matter.

Teamwork: Works collaboratively and collectively with colleagues to achieve organizational goals.

Communication: Speaks and writes clearly and effectively, listens to others, clearly interprets messages, openness in sharing information and keep people informed.

Planning and Organizing: Develops clear goals that are consistent with agreed strategies, time management.

Client Orientation: Identifies clients' needs and matches them to appropriate solutions.

Submission of Applications

The application comprises a one-page cover letter explaining the applicant's interest and suitability for the post and a CV with a Passport Photograph, updated United Nations Personal History Form (P 11) and copy of certificates and eventually letters of recommendation.

All applications should be sent to UN-Habitat Myanmar office at recruitment@unhabitat.org.mm with Subject: "Post Title and Duty Station"

Please note that applications received after the closing date **29 November 2022** will not be given consideration for this cycle but will be kept in the roster. Only shortlisted candidate whose application responds to the above criteria will be contacted for interview.

UN-Habitat regrets its inability to reply individually or attend to telephone queries on the advertised posts.

In line with UN-Habitat policy on gender equity, applications from female candidates are particularly encouraged.

Please download P11 Form from:

https://mirror.unhabitat.org/downloads/docs/1428_76091_p-11.pdf