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## TERMS OF REFERENCE

<b>Job title:</b>	<b>International Consultant on Climate Risk Assessment</b>
<b>Type of Contract:</b>	<b>Individual Contract (IC)</b>
<b>Duty station:</b>	<b>Home based</b>
<b>Section/Unit:</b>	<b>Environment, Energy and Climate Change Cluster</b>
<b>Language requirement:</b>	<b>English; Romanian and Russian is an asset</b>
<b>Contract Duration:</b>	<b>May 2022 – September 2022, 50 working days</b>
<b>Payment arrangements:</b>	<b>Lump sum contract (payments linked to satisfactory performance and delivery of outputs)</b>
<b>Evaluation method:</b>	<b>Interview of shortlisted candidates</b>

### I. BACKGROUND

Climate change is already profoundly impacting the conditions for resource availability and agricultural activities. Over the last decade, the country has experienced many extreme events, such as droughts and major floods, along with the cumulative effects caused by increased mean temperature and the uneven distribution of precipitation throughout the year, which have had negative consequences on the country's economy, and its population wellbeing and health. Severe droughts are recurring more frequently, causing significant economic losses. The increasing scope and intensity of extreme events have also resulted in increased frequencies of high-risk situations. By 2050, an increase of 2–3°C in the average temperature, an additional 32 days that exceed the current maximum temperature by 10%, and another 12 days with zero precipitation are projected.

The Government sees the National Adaptation Planning (NAP) process as key to achieving the adaptation objectives outlined in its 2014 Climate Change Adaptation Strategy of the Republic of Moldova and its 2020 Nationally Determined Contributions (NDC), as well as the continued mainstreaming of climate change considerations into its policies and budgeting processes. The proposed project supports the Republic of Moldova's Government in advancing the second cycle of its National Adaptation Planning process (known as NAP-2). The outcomes of the NAP-2 national adaptation planning processes are:

**Outcome 1:** To strengthen and operationalize the national steering mechanism for climate change adaptation (CCA);

**Outcome 2:** To improve the long-term capacity on planning and implementation of adaptation actions through CCA technologies;

**Outcome 3:** To improve the mainstreaming of climate change adaptation through the increased alignment of national development priorities in the priority sectors (forestry, health, energy, and transport).

The project will contribute to UNDAF, 2018-2022 outcome #3 (The people of Moldova, especially the most vulnerable, benefit from enhanced environmental governance, energy security, sustainable management of natural resources, and climate and disaster-resilient development). Additionally, the project will contribute to the UNDP Country Programme Output 3.3 (National and sub-national governments have improved capacities to integrate resilience to climate change and disasters into development plans and practices to reduce population's vulnerability). Other than that, the project will contribute to the National Development Strategy "Moldova 2030" by ensuring resilience to climate change by reducing risks related to climate change and by facilitating adaptation in six sectors priority - agriculture, water resources, health, forestry, energy, and transport.

The preliminary work under the first cycle of the NAP (known as NAP-1) supported developing a NAP as a process, conceptualizing and developing its elements, including the national steering mechanism, and laid down the groundwork towards long-term adaptation planning. Despite the progress, significant gaps remain in integrating climate change considerations into many of the national priority sectors' development policies and their associated budget priorities. National appropriations for CCA remain limited.

The NAP-2 goals will be achieved within two parallel implementation tracks. The first track implemented by UNDP expands and deepens the national approach developed under the NAP-1 and strengthens synergies both vertically, at different levels of the governance, and horizontally, between the sectors affected by climate change to reduce duplication of efforts, pool scarce resources for efficient use, and ensure a coherent and comprehensive approach to the integration of CCA responses into development planning. In contrast, the second track will focus on adaptation in the agriculture sector and will be concurrently implemented under FAO's auspices.

The National Designated Authority has coordinated with the UNDP and the FAO country offices to ensure the complementarity and congruency of the activities and exchange, as appropriate. By its very nature, the NAP-2 will facilitate the integration of CCA into existing strategies, policies, and programs and establish a strong foundation for the integration of methods, tools, and information systems in day-to-day planning activities to inform decision-makers on the climate risks effectively, and to enable the informed formulation of resilient projects and financing strategies.

As Moldova progresses in its adoption of a holistic approach to adaptation and towards increased integration of CCA considerations into medium- and long-term planning, it must rely on a strong evidence base to strengthen its ability to appraise available adaptation options. It is important to have a clear methodology for risk assessment that is approved by the government, and ensure that the data are collected, analysed regularly, and available for the decision-makers. Currently, there are no risk-assessment methodologies approved by the government. The project will support the Ministry of Environment in the formulation, development, and piloting of risk assessment methodologies for the selected climate-related risks (i.e., floods, flash floods, drought, landslides, or others). The climate-related risks will be prioritized together with national stakeholders and approved during the consultations process. The project will contact an International Consultant to facilitate the discussion between stakeholders on the identification of key climate-related risks, develop methodologies for the assessment of four key risks the country is facing and

support the project implementation team in drafting Terms of Reference for performing the national-wide risk assessment for identified risks.

## **II. OBJECTIVES AND EXPECTED DELIVERABLES OF THE ASSIGNMENT**

This assignment's overall objective is to enhance the countries' understanding of the risks and knowledge to reduce vulnerability and increase adaptive capacity by risks identification, integration of measures into the national level policy development processes, and promotion of the decision making that is based on full understanding of risks. This would be achieved through identification of climate-related risks affecting the country, development of the methodology for the risk assessment, integration of the relevant risks into the national adaptation planning process and other relevant policy documents.

The specific tasks are listed below:

- Develop methodological approach for implementation of assignment, stipulating challenges for the process;
- Mapping all key stakeholders to be involved in the risk assessment processes, for the risks with the climate-related hazards;
- Based on the literature analysis (or desk review) that will include exiting information on available data/information, overview of the previous initiatives and interviews with key informants to identify the major's climate-related risks the country is facing;
- Based on the participatory consultations process with key stakeholders prioritise climate-related risks to be included into the National Adaptation planning Process including the measures for the Action Plan and other relevant documents;
- For four top-priority risks identified by stakeholders develop a Methodology concept note (draft version of the methodology) for the risk assessment being tailored to the local needs and conditions;
- Facilitate the discussions with the key stakeholders on proposed methodologies for each risk and incorporate their inputs into the final version of the documents;
- Provide the inputs for the integration of the prioritized climate-related risks into the National Adaptation Planning Program and the respective measures to the action plan and other relevant documents;
- Elaborate the Terms of Reference for detailed assessment of top-priority risks according to the methodology provided;
- Provide the final report on the implementation of assignment.

<b>Nr</b>	<b>Deliverables</b>	<b>Timeframe</b>
1	Inception report with the description of the methodological approach for the assignment, approved by the Project Manager	May 2022, 2 w.d.
2	Report on the mapping of stakeholders involved into the risks assessment process and prioritization of the climate-related risks, approved by the Project Manager	May 2022 10 w.d.
3	Report on consultation with key stakeholders on prioritization of climate-related risks, approved by the Project Manager	June 2022 3 w.d.

4	Section for the National Adaptation Planning Program on integration of the climate-related risks and the respective measures to the action plan, approved by the Project Manager	June 2022 3 w.d.
5	Draft methodologies for risk assessment of the top-priority risks, approved by the Project Manager	July 2022 16 w.d.
6	Report on consultation with key stakeholders on methodologies for the assessment of top-priority risks	July 2022 4 w.d.
7	Final methodologies for risk assessment of the top-priority risks, approved by the Project Manager	September 2022 5 w.d.
8	Terms of Reference for detailed assessment of top-priority risks, approved by the Project Manager	September 2022 5 w.d.
9	Final report on the implementation of assignment, approved by the Project Manager	September 2022 2 w.d.

This is a part-time consultancy. The timeframe for the work is planned for May – September 2022.

### III. INSTITUTIONAL ARRANGEMENTS

**Management arrangements:** The consultant will work under the guidance of the Team Leader and the project manager's supervision. International consultant will be supported by the national consultation to facilitate the discussions and information sharing with the national stakeholders.

**Reporting:** The consultant will provide Deliverables in English in electronic copies, according to the timeframe from the deliverables table. The Project Manager should approve the deliverables.

**Duty Station:** Home-based. No field trips are envisaged for this assignment.

### IV. REQUIREMENTS FOR EXPERIENCE AND QUALIFICATION

#### Academic Qualification:

- University degree in environmental sciences, disaster risk management, etc.

#### Experience:

- At least 7 years of proven knowledge management or technical advisory experience in climate and disaster risk management.
- Professional experience in development countries, especially in the Eastern Europe would be a strong asset.
- Extensive knowledge and research experience in the area of risk assessment, disaster risk management, climate risk management.
- Extensive knowledge and experience in developing/adjusting the risk assessment methodologies as for the needs of beneficiaries.

#### Competencies:

- Good communication and organizational skills, with demonstrated evidence of capacity to produce and present useful reports.

#### Language requirements:

- Fluency in English is required for this assignment, Romanian and Russian is an asset.

## **V. PAYMENT MODALITIES**

The consultant will organize and facilitate the implementation of all activities as described above; his/her payment will be lump sum amount based, disbursed in several instalments, upon submission and approval of deliverables and certification by UNDP Moldova Project Manager that the services have been satisfactorily performed.

## **VI. APPLICATION PROCESS**

Applicants shall submit the following documents:

- ☒ Offeror's Letter confirming Interest and Availability, including financial offer, according to Annex 2;
- ☒ CV, including information about experience in similar assignments;
- ☒ Brief description of why the individual considers him/herself as the most suitable for the assignment.

Incomplete applications will not be considered.

## **I. ANNEXES TO THE TOR**

Annex 1- Individual Consultant General Terms and Conditions

Annex 2- Offeror's letter confirming interest and availability, including a financial proposal (template).