



UNITED NATIONS DEVELOPMENT PROGRAMME

TERMS OF REFERENCE / INDIVIDUAL CONTRACT

I. Job Information

Job Title:	International consultant on climate risk and vulnerability assessment
Type:	Individual Contract
Project Title/Department:	Climate Change and Resilience in Central Asia / Environment and Climate Action Cluster
Duration of the assignment:	50 working days: January 2022 – August 2022 (expected start date of assignment is January 17, 2022)
Duty station:	Remote, the Kyrgyz Republic, Tajikistan, and Uzbekistan
Work status:	Part-time
Reports to:	Regional Project Manager

II. Background

Central Asia is highly vulnerable to climate change. In a region that is subject to multiple stressors, climate change exacerbates existing vulnerabilities. Central Asia is warming faster than the global average. Average annual temperatures have risen by 0.5 degrees Celsius over the last three decades and are forecast to increase by 2.0 to 5.7 degrees Celsius by 2085. This is evidenced by substantial reductions in mountain snowpack and the depleted volume of the Tien Shan glaciers and permafrost, releasing carbon and methane stocks which contribute to further warming. The region is projected to experience increased frequency and intensity of extreme weather events, changing precipitation patterns and increased drought. These impacts add pressure to already stressed and overexploited natural resources, thereby increasing the vulnerability of rural communities and their livelihoods. Whilst climate change rarely results in direct security threats, climate change interacts with existing stressors, including socioeconomic, political, and natural hazards, to undermine resilience.

A particularly complex challenge is the water-food-energy nexus because electricity and food production rely on scarce water resources. Increasing frequency of climate-induced extreme weather events and disasters can put communities and their livelihoods at risk, which in turn can push people to migrate on a large scale or to turn to illegal sources of income. Climate-induced disruption of food production and increasing food prices can lead to social instability. Impacts on energy production caused by higher temperatures and lower precipitation, as well as threats to energy production and transmission infrastructure from extreme weather events put supply chains and energy supply at risk. Increasing demand for water and an unreliable supply increase pressure on existing water governance arrangements and can complicate political relations, particularly at transboundary basins already affected by tensions.

To address these challenges UNDP, with the financial support from EC, is implementing a regional project “**Climate Change and Resilience in Central Asia**” with overall objective to support stability and climate resilient development in the Ferghana Valley, a trans-border area of the Kyrgyz Republic, Tajikistan, and Uzbekistan. The project will (i) improve knowledge of climate-fragility risks amongst stakeholders at local, national, and regional levels; (ii) facilitate risk-informed policymaking and transboundary resource management; and (iii) support practical risk reduction interventions. Early warning and prevention measures will be enhanced. Knowledge base will be increased through targeted public awareness campaigns to ensure growing consciousness on climate-induced vulnerability implications and spill-over effects and climate change resilience.

III. Functions / Key Outputs Expected

The **objective** of the assignment is to support national project teams in Kyrgyzstan, Tajikistan, and Uzbekistan in conducting participatory assessments to identify climate change resilience implications, vulnerabilities, and hot-spot areas within the Ferghana Valley to provide a basis for the development of more effective and sustainable adaptation strategies. The consultant is also expected to work closely with national consultants for development of pilot projects to demonstrate adaptation and prevention measures at the community level.

To meet the objective, the consultancy will provide expertise and necessary resources to deliver the following tasks:

Task 1. To develop a methodology for participatory assessment to identify climate change resilience implications, vulnerabilities, and hot-spot areas within the Ferghana Valley. (Outcome 1, activity 1.2)

- Conduct a literature review of available methodologies and best practices (like, climate change and security assessment and improved local resilience to climate change risks project implemented by UN Environment) for vulnerability assessment to highlight available approaches and solutions.
- Prepare methodology. The scope of the assessment should include exposure and sensitivity of key economic/social sectors to climate-related risks and implications (civil protection and disaster risk reduction, water and agriculture, land management, energy, health, rural development, urban development, environment, social development, including gender and vulnerable groups).
- Develop criteria for selecting transboundary climate change and resilience hotspots.
- With the support of UNDP COs in Kyrgyzstan, Tajikistan, and Uzbekistan agree methodology and hotspots selection criteria with national counterparts.
- Design questionnaire/surveys for national counterparts to assess national level capacities and skills in relation to (existing) climate information, modeling, forecasting and early warning tools relevant to climate-fragility risks.

Task 2. Support national teams in conducting participatory assessment to identify climate change resilience implications, vulnerabilities, and hot-spot areas within the Ferghana Valley.

- Conduct a training for national teams on application of vulnerability assessment methodology and hotspots selection.
- Provide technical advice/peer review to national consultants on conduct vulnerability assessment, and hotspots selection.
- Conduct presentation and prepare a policy brief summarizing the finding of the assessments and recommendations targeting decision makers at national and local level.
- Provide technical advice and support to national consultants on conduct capacity assessment surveys for national counterparts both at professional and technical levels. The results of capacity assessment will inform technical trainings and other capacity building activities.

Task 3. Based on the results of the participatory assessments and with selection of hotspots, provide advice and guidance to validate design of the community resilience pilot projects (Output 4, activity 4.1)

- Provide technical support and advice for development of pilot projects that demonstrate adaptation and prevention measures at hotspots in the Ferghana Valley. The pilot measures will be focused on enhanced community-based early warning, communication and awareness, and local community climate change adaptation measures.
- Provide guiding recommendations formulated to national consultants to develop preparedness and response plans for pilot communities.

IV. Deliverables / Timeframe

#	Deliverables	Timeframe	Payment Conditions
D-1	Methodology for participatory assessment to identify climate change resilience implications, vulnerabilities, and hot-spot areas within the Ferghana Valley, selection criteria of hotspots, final report structure, timeline, a list of national government institutions, private sector and other stakeholders to be consulted (20%).	28 February 2022	50%
D-2	Questionnaire/surveys for national counterparts to assess national level capacities and skills in relation to (existing) climate information, modeling, forecasting and early warning tools relevant to climate-fragility risks (10%).	10 March 2022	
D-3	Report from the trainings for the national teams on application of vulnerability assessment methodology, hotspots selection, and capacity assessment (20%).	30 March 2022	
D-4	Draft report consisting of three national reports of risks and vulnerability assessments and identified hotspots in Kyrgyzstan, Tajikistan, and Uzbekistan (10%).	31 May 2022	30%

D-5	Final report consisting of three national reports of risks and vulnerability assessments in Kyrgyzstan, Tajikistan, and Uzbekistan (including a summary of purpose, methodology and key findings indicating hotspot's location and its description) (10%).	30 June 2022	
D-6	Presentation and policy brief summarizing the finding of the assessments and recommendations targeting decision makers at national and local level (10%)	30 July 2022	
D-7	A report outlining recommendations and critical elements for development of pilot projects that demonstrate adaptation and prevention measures at the selected hotspots in the Ferghana Valley. The pilot measures will be focused on enhanced community-based early warning, communication and awareness, and local community climate change adaptation measures. (10%)	31 August 2022	20%
D-8	Guiding recommendations formulated to national consultants to develop preparedness and response plans for pilot communities.		

V. Management/organizational arrangements

The consultant will work under guidance and technical supervision of Regional project manager and IRH CDT Team Leader. He/she will also work closely with the UNDP Country Offices in Kyrgyzstan, Tajikistan, Uzbekistan and other partners.

VI. Payment conditions

A total lump sum fee should be submitted which includes the all-inclusive fixed total contract price supported by a breakdown of costs.

Note: Instalments will be based on invoices on achievement of agreed milestones, i.e. upon delivery of the services specified in the TOR and certification by the UNDP. No costs other than what has been indicated in the financial proposal will be paid or reimbursed to the consultant.

VII. Qualifications Requirements

Education:	a. Master's degree in environmental management, climate change, environmental policy, economy or related areas.
Work experience:	b. A minimum of five years of progressive experience related to scoping and facilitating research, policy development, evaluation and review in climate change adaptation, climate change and security, natural resources and/or environmental management, transboundary collaboration/partnership. c. Work experience, familiarity with multi-stakeholder dialogue and knowledge and experience exchange and understanding of sustainable partnerships and their ecosystems in ECIS and/or Central Asia.
Competencies:	Functional competencies <ul style="list-style-type: none"> • Excellent communication and management skills and demonstrable capacity to work with a multi-national team and to work with government institutions • Demonstrated ability to develop strategies and communication plans • Openness to change and ability to receive/integrate feedback • Ability to work under pressure and stressful situations • Strong analytical, reporting and writing abilities. Corporate competencies <ul style="list-style-type: none"> • Demonstrates integrity by modeling the UN's values and ethical standards • Promotes the vision, mission, and strategic goals of UNDP • Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability • Treats all people fairly without favoritism • Fulfills all obligations to gender sensitivity and zero tolerance for sexual harassment. Language <ul style="list-style-type: none"> • Fluency in written and spoken English is required for this assignment, • Working knowledge of Russian is an asset.

VIII. Evaluation of Applicants

Individual consultants will be evaluated based on a cumulative analysis **taking into consideration the combination of the applicants' qualifications and financial proposal.**

The award of the contract should be made to the individual consultant whose offer has been evaluated and determined as:

- a) responsive/compliant/acceptable, and
- b) having received the highest score out of a pre-determined set of weighted technical and financial criteria specific to the solicitation.

Only the highest ranked candidates who would be found qualified for the job will be considered for the Financial Evaluation.

Technical Criteria - 70% of total evaluation – max. 70 points:

Criteria A (relevant education) – max points: 10

Criteria B (years of professional experience in environment area) – max points: 40

Criteria C (professional experience in ECIS region (Central Asia)) – max points: 15

Criteria D (fluency in written and spoken English and knowledge of Russian) – max points: 5

Financial Criteria - 30% of total evaluation – max. 30 points

IX. Application procedures

The application submission is a two-step process. Failing to comply with the submission process may result in disqualifying the applications.

Step 1: Interested candidates must include the following documents when submitting the applications (Please group all your documents into one (1) single PDF attachment as the system only allows upload of one document):

- **Cover letter** explaining why you are the most suitable candidate for the advertised position. Please paste the letter into the "Resume and Motivation" section of the electronic application.
- Filled P11 or CV form including past experience in similar projects and contact details of referees (blank form can be downloaded from http://www.eurasia.undp.org/content/dam/rbec/docs/P11_modified_for_SCs_and_ICs.doc)

Step 2: Submission of Financial Proposal - Only shortlisted candidates will be contacted and requested to provide a financial offer.

Payments will be made only upon confirmation of UNDP on delivering on the contract obligations in a satisfactory manner.

Individual Consultants are responsible for ensuring they have **vaccinations/inoculations** when travelling to certain countries, as designated by the UN Medical Director. Consultants are also required to comply with the UN **security directives** set forth under dss.un.org

General Terms and conditions as well as other related documents can be found under: <http://on.undp.org/t7fJs>

Qualified **women** and members of **minorities** are encouraged to apply.

Due to large number of applications, we receive, we are able to inform only the successful candidates about the outcome or status of the selection process.

IX. Signatures- Post Description Certification

Incumbent

Signature

Date

Supervisor

Isomiddin Akramov
Climate Change and Resilience
Regional Project Manager
UNDP CO Uzbekistan

Signature

Date: