

Terms of Reference

Project: Jordan Integrated Landscape Management Initiative (JILMI) – GCF Project Preparation Phase

Consultancy Services

Climate Change Adaptation Specialist to conduct a Climate Change Adaptation Assessment (CCAA)

Project	Jordan Integrated Landscape Management Initiative (JILMI)
Project focus	Climate change adaptation (with mitigation co-benefits) through integrated landscape management (ILM)
Funding/donor	Green Climate Fund (GCF)
Accredited Entity	UN Environment
Implementing agency	Ministry of Environment
Name of procurement activity	Climate Change Adaptation Assessment (CCAA)
Consultancy	Individual or firm
Location of consultancy	Jordan
Duration	25 days
Estimated value of services	US\$ 11,650
Deadline for submission of proposals	19 June 2019
Indicative start date	February 2019
Indicative end date	End September 2019

1. Background

Jordan is the fourth most water-scarce country in the world. Approximately 80% of its land classified as mainly arid and only ~7% considered arable. Water scarcity and its negative effects on Jordanian society and ecosystems — such as reduced agricultural productivity and desertification — will continue to be exacerbated by climate change, including decreasing rainfall and increasing temperatures. As a result, the poverty levels and resilience of Jordan's



most vulnerable communities — particularly those in rural areas whose livelihoods are dependent on local ecosystems — are expected to be negatively affected.

Future climate scenarios for Jordan suggest an increased air temperature of 1.5°C and a 15% decrease in precipitation by the year 2050. These projections are likely to exacerbate the degradation of ecosystems in the arid, semi-arid and sub-humid areas in the country. The most vulnerable ecosystems are forests (especially in the north), freshwater ecosystems (especially in the Jordan Rift Valley), as well as the freshwater and marine ecosystems of the eastern and the Gulf of Aqaba regions.

The current vulnerability of Jordan's population and ecosystems — as well as the expected adverse impacts of future climate conditions — are being, and will continue to be, aggravated by the influx of refugees from Syria, Yemen and Iraq. As the demand for natural resources such as water increases, the economic costs to address the associated problems are expected to continue rising.

The overall objective of JILMI is to contribute to the enhanced resilience of representative Jordanian ecosystems and vulnerable communities in the Jordan Rift Valley through integrated landscape management (ILM). This will be achieved through a project intervention strategy that is organised into three complementary components:

- 1) Strengthened capacity for climate-resilient land-use planning and management of natural resources across the Jordan Rift Valley;
- 2) Climate-resilient land use and natural resource management across the Jordan Rift Valley; and
- 3) Knowledge and awareness of climate-resilient ILM and natural resource management.

International consultancy firm, C4 EcoSolutions (IC), under accredited entity, UN Environment, and with support from the Hashemite Kingdom of Jordan's¹ National Designated Authority (NDA) and the Consortium², is in the process of developing a Funding Proposal (FP) for submission to the Green Climate Fund (GCF) to secure financing for the implementation of JILMI. The process of submission and consideration of the FP by the GCF requires *inter alia* the undertaking of a Climate Change Adaptation Assessment (CCAA). The CCAA is necessary to determine the adaptation baseline within the project implementation area, as well as to identify adaptation interventions — including Ecosystem-based Adaptation (EbA) — to address the current and future impacts of climate change. This assessment is critical to the process of appraisal and consideration of the merit of the FP by the GCF.

The services of a suitably qualified consultant/consultancy firm are being sought to undertake the following task (the terms of which are defined below):

- i) the conduction of a Climate Change Adaptation Assessment (CCAA).

2. Tasks and responsibilities

The indicative tasks to be undertaken to deliver the expected outputs of this assignment shall include, but are not limited to, the below.

¹ From henceforth referred to as Jordan.

² The consortium partners are: Princess Alia Foundation (PAF); The Royal Society for the Conservation of Nature (RSCN); The Royal Botanical Garden (RBG); The Royal Marine Conservation Society of Jordan (JREDS); The Jordan Hashemite Fund for Human Development (JOHUD); Future Pioneers for Empowering Communities/Horizon (FPEC/Horizon).



2.1. Preliminary tasks

- Submit an inception report including: i) a detailed overview of the technical approach and methods that will be used to undertake the assignment, including data to be collected and/or accessed; and ii) a workplan and timeline.
- Review all relevant documentation pertinent to the conduction of this assignment.
- Conduct wide-ranging consultations with main stakeholders and other relevant parties, and review relevant background information to gain an insight/understanding of the requirements of the assignment.

2.2. Principle tasks

The objective of this assignment is to assess the adaptive capacity and needs of communities living in the project implementation area (Jordan Rift Valley), as well as to recommend appropriate adaption measures (including EbA) to address the current and expected impacts of climate change on vulnerable communities at project intervention sites.

Since the ultimate purpose of the assignment is to develop an FP seeking GCF investment, particular attention has to be paid to demonstrating the extent to which any proposed future investment is aligned with the GCF's investment criteria³. Moreover, the consultant is obliged to ensure that the assignment is conducted in a manner that supports the preparation of the FP. The consultant is expected to work closely with both the IC and other consultants, including Gender Specialist, Environmental and Social Safeguards Specialist, and Financial and Economic Specialist.

2.2.1. Deliverable I: Climate Change Adaptation Assessment (CCAA)

The CCAA will be developed through the use of both primary data and information provided by the project preparation team (Ministry of Environment, the Consortium, UN Environment and C4 EcoSolutions), as well as available relevant secondary information, which the consultant will need to collect via a desktop study. In addition, the consultant will facilitate — with support from the project team — consultations with communities and other relevant stakeholders within the Jordan Rift Valley to collect site-specific information. At least 40% of participants in community consultations and surveys should be female. In addition, survey questions should be gender-sensitive — for example asking women's and men's needs, constraints and concerns in relation to the project; government officials' knowledge on different impacts of climate change on women and men. Where possible, stakeholders representing women's interests — such as the Ministry on Social Affairs or NGOs that have experience on gender issues — should be consulted.

Once procured, the project development team will provide additional guidelines to the consultant for the conduction of the CCAA. An indicative list of the activities to be undertaken and aspects to be assessed and reported on, as well as recommended approaches (methodology) to the conduct of this assignment shall include, but not be limited to, those listed hereunder.

- Undertake a capacity needs assessment of relevant sectoral agencies with regard to integrating climate change adaptation into planning and on-the-ground activities.
- In collaboration with the IC, develop a baseline study on community-based natural resource management approaches, including all relevant sectors, traditional knowledge,

³ Available at: https://www.greenclimate.fund/documents/20182/239759/Investment_Framework.pdf/eb3c6adc-0f24-4586-8e0d-70aa6fb8c3c8



best practices and lessons learned to inform the design of project adaptation interventions according to needs and feasibility.

- Based on project baseline information, analyse the effectiveness of ongoing adaptation initiatives in Jordan with regard to rangeland management, ecosystem restoration and agroforestry, as well as their mitigation co-benefits.
- Identify the services provided by ecosystems in the Jordan Rift Valley that may assist communities in adapting to climate change and prioritise them as per intervention requirements.
- Assess, through a consultative process, the climate change awareness, coping potential and livelihood options of communities — including women — at project intervention sites.
- Document indigenous knowledge of communities — including women — living in the Jordan Rift Valley in terms of adapting to the impacts of climate change.
- Undertake a gender-sensitive survey of key stakeholders' — including communities at project intervention sites — perceptions of the project and climate change adaptation to identify any misconceptions that may be barriers to project uptake and behavioural change, and propose adaptation interventions strategies based on the results.
- In consultation with key stakeholders including vulnerable communities, the project development team and other relevant stakeholders, recommend appropriate gender-sensitive adaptation — with a focus on Ecosystem-based Adaptation (EbA) interventions — to address the identified impacts of climate change at project intervention sites within the Jordan Rift Valley.
- Estimate the size (in ha) of target areas for the implementation of on-the-ground interventions — such as agroforestry, afforestation and restoration.
- Assist the IC in the identification of linkages and opportunities for the private sector to support the proposed project's adaptation interventions.
- Provide a quantified description of the proposed project's expected adaptation benefits.
- Undertake a community-level capacity needs assessment at project intervention sites for monitoring changes in climate resilience.
- Prepare a CCAA report, to be included in the Feasibility Study (FS) annex of the FP.

3. Obligations of C4 EcoSolutions

C4 EcoSolutions commits to the following:

- provide the consultant/firm with the latest draft of the PPF application proposal and updated logistical framework;
- participate in structured dialogue(s) with the consultant/firm to address any questions or concerns and to provide updates about progress made on the FP and FS; and
- review the draft report within two weeks of its submission, providing feedback to the consultant thereafter.

4. Deliverables and reporting requirements

1. An Inception Report to be submitted within one (1) week of contract signing that includes a workplan with timelines for completing the assignment.
2. Reports detailing stakeholder consultations.
3. A CCAA report for the proposed project, JILMI.
4. A final CCAA, incorporating suggestions and feedback from the project development team, and including an executive summary that highlights the most important findings (maximum 2 pages). This document is one of the principal outputs of the assignment and shall provide a basis for future decision making in respect of the project. The CCAA is



required to be comprehensive, based on the project's scope of work and interventions, and must conform to the following minimum requirements:

- can be used in non-technical discussions with potential partners, the general public, the private sector, service providers and others to provide evidence of the feasibility/viability of and obtain support for the development and implementation of the proposed project.
- must contain a time-bound plan for pursuing recommendations emanating from the assignment;
- present data and information in the report in an analytical manner; and
- must be approved and agreed upon by the project team prior to finalisation.

5. Qualifications and experience

The consultant/ should ideally have the following mix of competencies:

- proven expertise and in-depth knowledge of climate change and adaptation policies and practices in Jordan and the Middle East;
- detailed knowledge and understanding of climate change adaptation planning (including EbA);
- detailed knowledge of and experience in integrated landscape management and/or natural resource management;
- knowledge of and experience working with the communities living within the project implementation area;
- knowledge of and experience working in the project implementation area (Jordan Rift Valley) and its multiple ecosystems;
- a minimum of 5 years' experience in the area of climate change management (adaptation, or adaptation and mitigation);
- should hold advanced degrees (minimum master's level) in her/his respective areas of expertise — for example, ecology, environmental science, climatology, environmental economics or similar;
- familiarity with the GCF procedures and prior experience in working on assignments linked to the preparation of GCF FPs would be an asset;
- ability to speak and write clearly and effectively; ability to communicate effectively with audiences of various levels of seniority and technical knowledge — tailoring language, tone, style and format appropriately;
- ability to communicate with various stakeholders in politically sensitive situations with diplomacy and tact; and
- fluency in oral and written English and Arabic.

6. Management of the assignment

The consultant will be procured by C4 EcoSolutions, who is the contracting authority for the purpose of the assignment through the IUCN's Regional Office for West Asia (ROWA) in Amman. The consultant will report directly to C4 EcoSolutions for contractual and administrative purposes. C4 EcoSolutions — along with UN Environment, Ministry of Environment and the Consortium — will constitute the core project development team to provide additional technical advice and inputs, overall coordination and oversight for this assignment. The consultant will liaise with all members of the project core team but will ultimately report to C4 EcoSolutions. Changes in the TORs can be made subject to and only after written agreement between the consultant/firm and C4 EcoSolutions.



7. Application process and deadline for submission

Interested parties are required to submit the required documents (as separate PDFs; see below) to IUCN ROWA on the below emails:

Ali.hayajneh@iucn.org

Zeinab.Habibeh@iucn.org

Documents required in the submission package include:

- a technical proposal for the assignment;
- a financial proposal for the assignment;
- individual and company CVs (where applicable), including a list of relevant references with contact information; and
- examples of similar work.