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2. Strengthen the capacity and awareness of local communities, local authorities, academic institutions, and schools in the targeted governorates regarding sustainable practices for agriculture and food security.
3. Improve the resilience of small farmers and breeders from host communities and Syrian refugees in the targeted governorates to climate change challenges.

Under this tender, IUCN is seeking a contracting company that has demonstrated experience in implementing rainwater harvesting and efficient irrigation interventions in the Karak and Madaba governorates.

Description of the Service

The tender aims to strengthen adaptive capacity and resilience to climate change impacts on local communities and Syrian refugees by introducing and promoting the best rainwater harvesting practices and efficient irrigation techniques at farm and household levels in the Karak and Madaba governorates. The tender will improve irrigation efficacy and rainwater harvesting by providing smart irrigation techniques, water harvesting systems, solar systems, and rehabilitation of the existing irrigation system on the farm and household levels.

Section one: on of the

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m3 in capacity and should be lined with cement or any other suitable materials. Avoid the use of any kind of material that could be toxic.

Section Two: Efficient Irrigation system:

Under this section of the tender, IUCN will support small farmers by providing them with efficient irrigation techniques (fully/partially) or rehabilitating the existing ones to strengthen their adaptive capacity and resilience to climate change impacts in Karak and Madaba. Fourteen small farmers will be provided with irrigation equipment, or/and PV systems or/and irrigation networks or/and rehabilitation of existing irrigation facilities, etc. to foster irrigation efficiency. The targeted beneficiaries are in fourteen separate locations within the targeted governorates, as stated in Attachment 2: initial BOQs and Specs.

This tender is comprised of three main phases, as follows:

The key tasks to be undertaken to deliver this phase should include but not be limited to the following:

- The contractor should assign a team comprised of three experts in construction, irrigation, and renewable energy to work collaboratively on developing detailed designs and implementing the water harvesting and efficient irrigation interventions in full compliance with the key components that are listed in the initial BOQ, specs, and design requirements (Attachment.2), with IUCN oversight and guidance.
- The expert's team should conduct field visits to all targeted sites to explore and assess the sites and available resources and infrastructure. Consider taking advantage of any infrastructure available on the

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