**TERMS OF REFERENCE for Expert in land Surveying for a solar water pumping system in Bakhoun, North Lebanon**

**With Support From the Lebanon Humanitarian FunD (LHF)**

**Oxfam Lebanon**

**Introduction**

**Oxfam** is a global movement of people, working together to end the injustice of poverty through campaigning and responding to the needs of the poor. Oxfam has been working in Lebanon since 1993. We provide humanitarian assistance to vulnerable people affected by conflict, and we promote economic justice and good governance, and women’s rights. Oxfam also works with local partners to contribute to the protection and empowerment of marginalized women and men.

Following consultations and discussions with the North Lebanon Water Establishment (NLWE) on requirements to improve the water supply to vulnerable communities, Oxfam with the support of the Lebanon Humanitarian Fund (LHF), will install a solar water pumping system in the pump station located in Bakhoun (Minieh - Danniyeh).

**Projects description**

Haqlit pump station

The site is located in the village of Bakhoun, in the Minieh – Danniyeh district of North Lebanon. Oxfam is seeking a surveyor to prepare survey data and survey reports to commence the solar design. A land survey must be done for a land in the village to indicate the area needed for solar module. The approximate area **850 m2**, and **GPS 34°24'29.4"N 36°01'29.8"E**

The surveyor shall prepare a survey for the land and specify the area for solar modules (as given by Oxfam Solar Engineer), and submit a drawing for the land specifying the solar modules area signed and stamped including the road reaching the solar modules area.

**SPECIFIC OBJECTIVES**

* Travel to locations and select known reference points to determine the exact location of important features.
* Establish stake sites and official land boundaries.
* Research land records, survey records, and land titles
* Look for evidence of previous boundaries to determine where boundary lines are located
* Record the results of surveying and verify the accuracy of data
* Prepare plots, maps, and reports
* Take notes of land for deeds, leases, and other legal documents
* Undertake land/topographic surveys, using a variety of specialist equipment and technology.
* Prepare survey drawings.

**Qualifications:**

* Copy of Registration and certification of the “Order of the Lebanese surveyors”
* CVs for key staff
* References of works of similar nature as specified above; performed within the last two (2) years

**Period of Implementation of Tasks and reporting**

* First draft of the surveying report shall be sent within 3 working days from signing the contract.
* The final surveying report shall be submitted 2 days after OXFAM team review and approve the report.

**Pricing / Required Details**

The prices must be presented according to the following titles:

* All suppliers must be qualified technically and financially to be able to submit their offers
* The unit prices and rates must be presented in US dollars for each of the offer items.

**Submission of quotations and Questions**

Submission of quotations and any requests for clarification may be submitted by email to lebanonprocurement@oxfam.org.uk Ccing eelkhoury@oxfam.org.uk before **November 29, 2022 [17:00, Beirut], with subject:**

**“RFQ-RO-LBBEY-22-0227-LBBEY-0132 Expert in land surveying for A SOLAR WATER PUMPING system IN BAKHOUN”**

**Coordination and Supervision**

The activity will be supervised by Oxfam’s Solar team. Oxfam may assign additional staff during the implementation of activity.

**Timeframe and Payment**

100% payment after completing the survey report and submitting the financial documents.