

Annex A: Scope of Work (SOW) and Architectural Drawings

Construction of Qasara Water Project in Iraq

Constructing Water Project in Qasara, Duhok Governorate in Iraq, a part of the Kuwait Fund for Arab Economic Development (KFAED), in support of families to have better reliable water supply.

The work includes important and necessary activities to ensure provision of safe drinking water to refugee families and hosting community. It includes rehabilitation of existing boreholes/deep wells and providing new submersible pumps, rehabilitation of main pipeline and providing & installing new booster pumps and the construction of one pump house with civil and mechanical work. The project aims to supply potable water to Domiz 1 refugee camp in neighboring host community. Work is to be carried out by a contractor approved by UNHCR and in coordination with the local government to complete the work according to IRAQI General Technical Specifications (IGTS).

The quality of the work and the materials supplied by the contractor will be inspected by UNHCR engineers and the local government engineers. The work must be within engineering specifications/standards and time limit.

The Contractor is required to complete works as per the Bill of Quantities, and Technical Specifications within 180 days.

Schedule of Requirement

No	Item/s to be Supplied	Description/ Specifications of Goods	Related Services	Contract Duration
1	Construction of Qasara Water Project in Kurdistan Region of Iraq (KRI)	As per BOQ	As per BOQ	180 days

Further to the Schedule of Requirements in the preceding Table, bidders are requested to take note of the following additional requirements, conditions, and related services pertaining to the fulfillment of the requirements:

1. All the work items should be done according to IGTS that complies with ACI-Code 1995 applied according to the instructions of the supervision Engineer.
2. All materials must be NEW from best type, approved by supervision Engineer.
3. All construction materials should be tested according to Construction Works Specification by NCCL (1981 edition), and (ASTM) specifications for water supply pipes.
4. The contractor shall provide samples for all materials to be used in the project prior to using them in order to get approval from supervisor Engineer.
5. It is the duty of the contractor to check the designs for accuracy and adequacy, otherwise the UNHCR will take no risk of the contractors failure to accomplish the work.

6. The contractor shall provide all required manpower, transportation, equipment, tools, machinery etc unless otherwise stated below.

7. In case of any difference between BOQ, designs and/or drawings; the instruction of supervisor Engineer will prevail/govern.

8. After all works are finished the site must be cleaned from all debris and waste materials must be removed to a dumping site designated by the municipality and disposed in an environmentally friendly manner.

11. Normal site office for the Engineer: Constructing or providing normal working space for Site Engineers, furniture and office equipment, including consumable materials, stationary. Office in temporary set up will be accepted.

Delivery Terms of the Construction Materials	DAP Qasara, Duhok
Exact Address	Construction of Qasara Water Project in Dohuk in Kurdistan Region of Iraq (KRI)
Testing Requirements	All construction materials should be tested according to construction work specifications (Iraq General Technical Specifications)
Technical Support Requirements	As per the BOQ.
Duration of Contract	180 days
Payment Terms	<p>Payment to the Contractor shall be made as follows:</p> <p>a) First payment after completing of at least 30% of the total scope of work based on the BOQ. UNHCR engineers will determine the percentage of work executed.</p> <p>b) Second payment after completing of at least 60% of the total scope of work on the contracted BOQs. UNHCR engineers will determine the percentage of work executed.</p> <p>c) Third payment after completing 100% of the total scope of works on the contracted BOQ. UNHCR engineers will determine the percentage of work executed.</p> <p>d) Final 10% retention payment of the total Contract Price upon receipt of the Certificate of Final Completion of the WORKS to be issued upon expiration of the 6-month Defects Liability Period, inclusive of executing the outstanding list (snag list) if any.</p>
Conditions for Release of Payment	<p>For interim payments:</p> <p>1) Approved Requests for Inspections from the supervision engineer.</p> <p>2) Approved detailed quantities sheets (take-off sheets) from the supervision engineer.</p> <p>3) Approval from UNHCR's Representative on the whole process.</p>