

Supply and installing of 6 Electrical Transformers in, Al-Adhaim Sub-District / Al-Khalis District, Diyala Governorate.

Scope of Work (SOW)

Background:

Al-Adhaim sub-district is one of Al-Khalis districts in Diyala province, located in the north of Baqubah district, about 120 km from Baghdad and 55 km from Baqubah the capital of Diyala governorate. The population of the area is composed of Returnees, IDPs, and the host community, where the majority are living in a poor condition due to a lack of persistent livelihoods. The sub-district witnessed massive destruction during the armed conflict upon ISIL control of the city in 2014, and these 6 villages were displaced during ISIL occupation of the sub-district. Please read below the name and coordinate of these villages:

1. **Em Al-Karami (34.212574°, 44.507962°).**
2. **Al-Tala'a Al-Awla'a village (34.245060°, 44.518059°).**
3. **Al-Sharqia (34.271181°, 44.540878°).**
4. **Al-Gharbia (34.276041°, 44.534362°).**
5. **Albo Mohammed (34.413000°, 44.596702°).**
6. **Eayn Laylah (34.289410°, 44.771971°)**

During 2014 ISIL crisis in Mosul and Tikret, a security breach happens in Baqubah on 17-June-2014 in Al-Wihda police station (western of Baqouba) by ISIL, additionally, they attack Al-Adhaim sub-district from 2 side, Sifera area from the north side and Al-Sefit area from the west side, and both said locations are bordering Al Muqdadiya district from the northern side. Early 2015 The military operations have taken place to liberate the attacked area from terrorists which resulted the displacement of 70,000 individual (12,000 families) in more than 57 village.

Currently in Al-Adhaim sub-district, the Security situation is stable and safe because of the presence of the Iraqi forces, the tribes, and PMF. Local authorities and security forces are making great efforts to secure return areas. But still the destruction of houses, burning and unemployment are main factors which challenge the rest of IDPs to return.

The first waves of return to the mentioned village have started in 2016 and 2017 and continue. Most of those who did not return yet are still living in many different locations in Baqubah, Kirkuk, Kalar, Kifri, Khanaqin and Baghdad. In the same years of return UNHCR installed RHU's for the damaged houses of the return families in Al-Tala'a Al-Awla'a, Albo Mohammed, Eayn Laylah, as well as installed a new RO unit.

During various field and protection monitoring visits to the mentioned location, a gap of inadequate access to basic services and especially in the electricity sector was found as one of the major constraints for returnees in Em Al-Karami, Al-Tala'a Al-Awla'a, Al-Sharqia, Al-Gharbia, Albo Mohammed, Eayn Laylah villages. The limited access is negatively impacting the sustainability of return to the areas of origin, based on that, UNHCR will supply and Install 6 Electrical Transformers in 6 Different villages in Al-Adhaim Sub-District (one transformer for each village).

This project will have a significant factor in maintaining the return of returnees, also will encourage the remaining IDPs to return to their area of origin, and will be a benefit to the beneficiaries in the selected villages. And will assist the community stabilization and local integration in the long term.

The project will sustain the return and supports the 950 (Fam) returnees and 125 (Fam) IDPs to get access to energy service. UNHCR in close coordination with the director of an electrical department in Al-Adhaim will Supply six transformers (400 KVA) and rehabilitate its networks in Em Al-Karami, Al-Tala'a Al-Awla'a, Al-Sharqia, Al-Gharbia, Albo Mohammed, Eayn Laylah villages, in Al-Adhaim sub-district in Al-Khalis District, Diyala Governorate.

This intervention is serving approximately a total population of 1075 families (6,282 individuals).

Project Location:

1. Em Al-Karami (34.212574°, 44.507962°).
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1 transformer in each village, these villages located in Al-Adhaim sub-district in Al-Khalis district in Diyala Governorate.

Project Activities:

This project aims to install six electrical transformers with its networks, The project's activities as below:

(Refer to enclosed BoQ)

Project duration:

The awarded contractor will be required to complete all works as per the Bill of Quantities and Technical Specifications should be completed within 90 calendar days, commencing from the site handing over date, this period shall include the mobilization, supplying, purchasing, and importing of all the required items and the materials and work test durations.

General Terms and Conditions

- The contractor should submit to UNHCR's Supervisor Engineer samples/certificates of origin and technical specifications of the materials to be used before the commencement of the work.

UNHCR's Supervisor Engineer reserves the right to reject any material that is not in conformity with the specifications. Rejected materials should be replaced by the contractor without charging the additional cost to UNHCR. The work should be carried out as instructed by UNHCR and in coordination with the local government authorities according to Iraq General Technical Specifications (IGTS). Additionally, UNHCR's Supervisor Engineer can request lab tests, and Certificates of Origin & Quality to ensure the adherence of materials to agreed-upon terms and conditions.

- The contractor should submit to UNHCR's Supervisor Engineer daily and weekly progress reports.
- The quality of the work and the materials supplied by the contractor will be inspected by UNHCR's engineers and the local Government engineers. The work must be done in compliance with the engineering specifications/standards.
- All electrical materials (equipment and accessories) should be warranted for a minimum of 3 years from the date of installation to cover for failures caused by faulty design, materials and workmanship.
- The contractor shall install one steel sign board of 1.2m x 1.8 m at each Jobsite for project visibility purposes.
- All the mentioned quantities in the Bill of Quantity (BOQ) are estimated and are subject to actual measurements after the completion of the project.
- The contractor shall appoint qualified site engineers and a surveyor, each with five years of relevant professional experience, to work as part of the project-based personnel, and who should remain on the sites full-time during the working hours contract period.
- Any damage caused by the contractor to the existing pipeline, electric poles, cables, streets, and sewerage channels during the implementation of the project in the area should be immediately repaired/compensated by the contractor at no additional cost to UNHCR.
- The contractor should remove all debris and site waste after completion of works to dumping sites that are approved by the Municipality.
- The awarded contractor will be required to complete all works as per the Bill of Quantities and Technical Specifications should be completed within 90 calendar days, commencing from the site handing over date, this period shall include the mobilization, supplying, purchasing, and importing of all the required items and the materials and work test durations.

Related Services:

<i>Delivery Terms of the Construction Materials</i>	Supply and Rehabilitation The Electrical National Grid with 6 (400kva)Transformers in Al-Adhaim Sub-District, Al Khalis District, Diyala Governorate
<i>Exact Address of project site</i>	Coordinates: 1. Em Al-Karami (34.212574°, 44.507962°). 2. Al-Tala'a Al-Awla'a village (34.245060°, 44.518059°). 3. Al-Sharqia (34.271181°, 44.540878°). 4. Al-Gharbia (34.276041°, 44.534362°). 5. Albo Mohammed (34.413000°, 44.596702°). 6. Eayn Laylah (34.289410°, 44.771971°)

<i>Testing Requirements</i>	All construction materials should be tested according to construction work specifications (Iraq General Technical Specifications)
<i>Technical Support Requirements</i>	In accordance with the enclosed Bill of Quantity
<i>Duration of Contract</i>	All works should be completed within 90 calendar days, commencing from the site handing over the date, this period shall include the mobilization, supplying, purchasing, and importing of all the required items and the materials and work test durations.
<i>Payment Terms</i>	<p>Payment to the CONTRACTOR shall be in accordance with the following schedule:</p> <p>a) The payment will be 90% of the contract value after completing 100% of the scope of work based on the executed quantities.</p> <p>b) Retention payment is 10% of the total executed quantities that will release after completing the defect liability period (6 Months, starting from the technical handover/completion certificate.)</p>
<i>Conditions for Release of Payment</i>	For interim payments:
	<ol style="list-style-type: none"> 1) Approved Requests for Inspections from the supervision engineer. 2) Approved detailed quantity sheets (take-off sheets) from the supervision engineer. 3) Approval from UNHCR's Representative on the whole process.