



**UNHCR**

United Nations High Commissioner for Refugees  
Haut Commissariat des Nations Unies pour les réfugiés

## Annex B - Scope of Works

### Provision and Installation of Outdoor Solar Streetlight Devices at Ibn Khaldoun Psychiatric Hospital in Aleppo

This scope of works outlines the tasks and responsibilities associated with the provision and installation of outdoor solar streetlight devices at Ibn Khaldoun Psychiatric Hospital in Aleppo.

#### 1. Objective:

The objective of the required works is to provide solar powered lighting devices in the specific locations in the outdoor at Ibn Khaldoun Hospital. The required devices should ensure adequate lighting after sunset in 20 assigned locations.

#### 2. Description of Works:

The installation of solar streetlight devices should be deployed across 20 specific locations to be finalized by the administration of Ibn Khaldoun Hospital. This crucial installation encompasses welding, fixation, and all requisite measures to ensure the enduring functionality of the devices.

These solar devices will be affixed to pre-existing metal poles situated within the designated locations. Notably, these poles currently support lamps powered by the national grid electricity. Therefore, the installation process must be executed to seamlessly integrate the solar devices without disrupting the operation of the existing electric lamps. This should consider undertaking the necessary works while preserving the functionality of the current lighting infrastructure.

The installation procedure will prioritize the harmonious coexistence of both solar and electric lighting systems, ensuring optimal functionality and illumination for the benefit of the chosen locations in the hospital.

#### 3. Supervision and Oversight:

- All works will be conducted under the direct supervision and follow-up of the technical teams from Ibn Khaldoun Hospital and the UNHCR Aleppo Office.
- Any deviations from the scope of works must be approved by the hospital administration and the UNHCR team before implementation.

#### 4. Completion:

- The installation works will be completed within the specified timeframe agreed upon in the contract.
- The estimated project completion period is /3/ Calendar weeks from the handover of the site as the service provider should provide a clear works plan within the requested implementation period.

#### 5. Handover:

Upon successful installation and testing, all works will be handed over to the hospital administration for operational use.

## 6. Contractor Responsibilities:

- The contractor is responsible for the complete installation and connection of all devices outlined in the scope of works as per the required specifications.
- The contractor is responsible for ensuring that all devices (including batteries, solar panels, controllers, wiring, etc.) are fully compatible and perform optimally to meet the project requirements.
- Ensuring the long-term functionality and durability of the installed devices is the contractor's responsibility.
- Any necessary adjustments or troubleshooting required to maintain optimal performance shall be promptly addressed by the contractor.
- The contractor shall provide warranties for the installed components and ensure compliance with manufacturer specifications for all equipment used in the project.
- The contractor shall include for all necessary equipment, tools, materials, and labour necessary to complete this installation, even where not precisely specified in this specification.

## 7. Site Visit:

Interested Bidders are **strongly recommended** to pay a site visit to the below mentioned address to verify the exact installation needs:

Ibn Khaldoun Psychiatric Hospital in Aleppo,

Engineering Office,

Mr. Abdul Salaam Mohammed Rabee abo Ras,

Mobile number: 0935 517 368/0939 194674.

**END OF ANNEX B**