



## TERMS OF REFERENCE

### Title: Electrical Equipment

**Location:** Dekweneh, Bourj Hammoud, Jdaidet el Matn, Baouchriye, Sin el fil

**Project Title:** Fostering Economic Growth and Diversification in the Coastal and Northern Matn Cluster of Municipalities\_UNDP

**Goods to be delivered by:** 28 April 2025

**Contact:** [procurement@fairtradelebanon.org](mailto:procurement@fairtradelebanon.org)

## SCOPE OF WORK

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### 1- Summary

FTL is seeking a supplier to provide Electrical Equipment to entities located in Baushrieh, Rawda and Bourj Hamoud to upgrade their facilities

### 2- Objective

The project is implemented by Fair Trade Lebanon in partnership with UNDP, and funded by KFW, and aims to support 50 startups and MSMEs in the Metn region in Dekweneh, Bourj Hammoud, Jdaidet el Matn, Baouchriye, and Sin El Fil through tailored training, coaching, and financial assistance. It targets businesses at three growth stages—Nascent, Advancing, and Mature—across all sectors such as Agriculture, Forestry & Water, Agri-Food (Food Processing), Creative Industries, Industry, Information and Communication Technology (ICT), Services, Retail & Wholesale, promoting sustainable growth and gender inclusivity.

### 3- Technical Specifications

#### Goods Specifications:

##### 1-Items Description: Inverter (Component related to the cutting press)

- Quantity: 1
- Specifications:

Inverter that converts single-phase (monophase) to three-phase with a 2200W capacity:

Input Voltage: 220V AC (Single-phase)

Output Voltage: 220V or 380V AC (Three-phase)

Power Capacity: 2200W

Output Frequency: 50Hz / 60Hz"

THD (Total Harmonic Distortion): <3% at full load

Cooling Method:

Forced air cooling with temperature-controlled fan

Inverting Technology & Features:

Type of Inverter: Pulse Width Modulation (PWM) with IGBT (Insulated Gate Bipolar Transistor) switching

Control Mode: V/F (Voltage/Frequency) Control, Vector Control

Harmonic Filtering: Built-in EMI filter and DC choke

Warranty one year

##### 2-Items Description: UV Lamp

- Quantity: 1
- Specifications:

LED Beads: 58pcs bulbs  
Wavelength: 36nm + 40nm  
Voltage: 220V 50/60Hz 1A  
Elongated shape,  
268W,  
Temperature: adjustable

### **3-Items Description: Pyrography Machine**

- Quantity: 1
- Specifications:

Model: Pyrography Machine with one handle and one tip 220 volts, 2 working stations.

Power: 80 Watts  
Voltage: 220V  
Working Stations: 2 (for simultaneous use or multi-tasking)  
Included Accessories:  
Handle-quantity 1  
Pyrography tip-quantity 1  
Working stations-quantity 2

Warranty one year

### **4- Requirements & Conditions**

The service provider shall deliver and install all items at the designated workshops/offices located in Rawda, Baushrieh and Bourj Hamoud. The provider must also ensure the availability of workers/helpers to assist with loading and unloading as needed.

### **5- Company qualification**

The company must have the following valid legal documents:  
Commercial Circular  
Fiscal Certificate of Incorporation at the Ministry of Finance  
VAT Certificate of Registration if applicable  
ID of company's authorized representative(s)

### **6- Evaluation**

- The quotation's evaluation process will consider following with assigned weights:
- Financial ..... 50%
- Technical ..... 50%

### **7- Payment Terms**

- Payments will be made through bank cheques
- Payment will be made **after 20 business days** from the last delivery and submission of final invoice.
- The cheque amount will be subject to applicable bank fees.

## **8- How to apply**

Applicants are requested to send:

- Detailed offer
- Legal documents
- Acknowledgment letter of payment modality

via email to: [procurement@fairtradelebanon.org](mailto:procurement@fairtradelebanon.org)

Only selected candidates will be contacted