



## TECHNICAL REQUIREMENTS

### Electric Cargo Tricycle (800–1000W)

#### 1. General Description

The supplier shall provide a new Electric Cargo Tricycle designed for cargo and passenger transportation, equipped with a driver cabin. The vehicle must be suitable for urban and light industrial use.

#### 2. Technical Specifications

##### 2.1 Power System

- Motor Type: Electric motor
- Motor Power: 800–1000 W
- Battery Range: Minimum 80 km – Maximum 100 km per full charge
- Charger: Included

##### 2.2 Cargo Capacity

- Minimum Load Capacity: 500 kg
- Cargo Bed Type: Open cargo platform
- Cargo Bed Material: Durable steel or equivalent
- Rear Cargo Compartment: Suitable for commercial/utility transport

##### 2.3 Cabin & Comfort

- Fully enclosed driver cabin
- Weather protection (windshield, roof, side panels)
- Foldable seat in the curb area (folding seat)

##### 2.4 Safety & Lighting

- Front light (headlight)
- Rear light
- Brake light
- Turn signals (if available, preferred)
- Rear-view mirrors (left and right)
- Horn

Tires suitable for 500 kg load

## **2.5 Additional Requirements**

- New vehicle (unused)
- Year of manufacture: 2025 or later
- Compliance with local safety and transport regulations
- Minimum 12-month warranty (or supplier's standard warranty)
- Spare parts availability confirmation

## **3. Documentation to be Provided**

- Technical datasheet
- Manufacturer's certificate
- Warranty certificate
- User manual
- Certificate of Conformity (if applicable)