



Appendix 2 – Schedule of Requirements

1. **General**

- The charging infrastructure should be brand new and safe for conducted tests. Coöperatie eGLM U.A. must be the first owner;
- The charging station is made by a manufacturer who has a proven track record of successful implementations of “Fast chargers”, “Medium power chargers” and “High power chargers” for electric trucks.
- The charging stations must comply with all applicable Dutch, German and European legal regulations, provisions, prescriptions, standards and guidelines at the time of delivery to eGLM U.A including, but not limited to;
 1. All applicable Dutch, German and EU-regulations;
 2. All applicable legislation concerning noise levels and environment standards;
 3. All applicable safety regulations.
- The charging stations are delivered with adequate instructions and specifications;
- The charging stations must be able to reliably operate in any existing climate existing in North West Europe;
- No advertorial expressions (symbols/words) are allowed on any part of the charging stations, save for depiction of the brand and/or type(number) of the charging station.

2. **Technical compatibility**

- The charging station must be equipped with a CCS (combined charging system) Type 2 connector for DC fast charging;
- The “fast charging” station must allow for DC fast charging, with
 - o A minimum power output of 50kW;
- The “medium power” charging station must allow for DC fast charging, with
 - o A minimum power output of 150kW;
- The “high power” charging station must allow for DC fast charging, with
 - o A minimum power output of 300kW;
- The charging station must work with the OCPP (Open Charge Point Protocol);
- The charging station must have a minimum IP rating of IP54
- The charging station must be equipped with an integrated payment system and an access restriction system, for example, by use of an RFID card;
- The charging station must be equipped with a user interface (UI);
- The “medium and high power chargers” must be equipped with an reservation system;
- The “medium power chargers” should be upgradable to a “high power chargers” over time.
- The charging infrastructure must be expandable over time.

3. **Warranty & Service**

- A service and maintenance contract must be included for the charging infrastructure for at least 5 years.
- The charging infrastructure provider should have a proven track record of successful maintenance and repairs.