

SCOPE OVERVIEW

To supply, install, commission, and provide maintenance (SCADA) of electric vehicle charging stations at **Eskom Sunilaws Office Park**.

The installation on site will comprise:

A: 1 x Integrated charger

- DC - 60/180kW with 2 x DC connectors and 1 x AC connector

B: 1 x AC charger

- 2 x AC connectors.

After all installation works has been completed, the supplier will power up the charging units, do all the commissioning and electrical checks including submission of a supplementary COC for the installation, and complete the project sign-off with an Eskom representative.

Location:

Charge point location: Parking near the helipad at SOP

Main connection point: Near SOP Wash Bay

Cable run & route:

A new Sub-DB to be installed that will contain a 200A C/B Main Breaker, a 125A C/B for the DC Charger connection and an 80A C/B for the Dual AC Charger. The enclosure will either be a frame mounted Mild-Steel (orange) or Polyethylene Kiosk. Reticulation cable will be installed from the sub-DB to the charger position. Concrete paving may be lifted while trenching. Work areas will be barricaded by ski-netting.

These woks will include:

- 1) Wire trays & trunking,
- 2) Paving will be lifted,
- 3) Cutting/Chasing of concrete,
- 4) Trenching to be done either by TLB or manual labour.
- 5) Cable sleeves will be laid down (for future expansion),
- 6) Cable installed, (electrical cable warning tape also laid down)
- 7) Backfill of trench,
- 8) Compacting and reinstatement of paving,
- 9) Casting of concrete
- 10) Painting of the designated EV charging bays
- 11) Concrete wheel stoppers to be installed

Charger:

Concrete plinths will be installed for mounting/ fixing of chargers.

Branding of the chargers to be done off site.

Scope compiled by: ML Damane

Date: 04-09-2024

Sign: 