



Electric Vehicle Charging Solution

For

accord
We make it better

21 January 2025

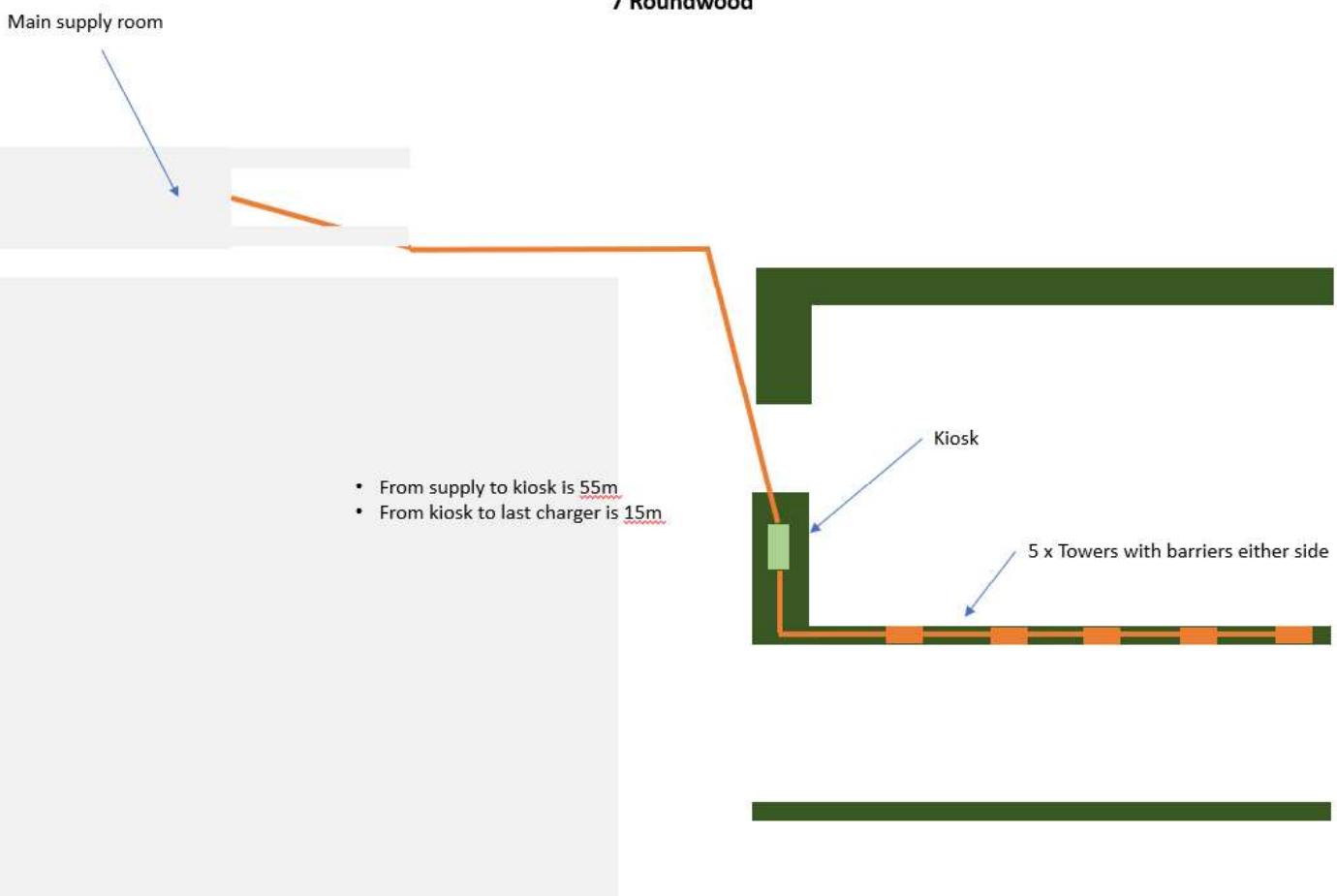
Introduction

Thank you for your enquiry. Please find below details of your EV chargers' installation specifications based on our conversations and survey. This proposal is an updated version of previous proposals.

Requirements

Accord Healthcare would like 4 x EV charging points/sockets located conveniently in the main car park as outlined below. 2 sockets will be 22kW and 2 will be 7kW. Key requirements are as follows. Chargers should:

- be easy to use.
- have the latest software to allow staff/guests to pay for their charging.
- be eligible for OZEV's £350 per charger subsidy by incorporating the required intelligence and connectivity.
- be proven to successfully operate in thousands of similar locations.
- utilise the very best EV charging management software.
- be of commercial grade.
- be able to provide reporting facilities in the future to meet any taxation rule changes that may be imposed.



In view of these requirements, we have prepared the following document which outlines the main elements of our solution.

Your Installation Solution

We will install your EV charging stations, shown right – which are floor-mounted tower chargers with a sophisticated and contemporary look.

One unit has two 7kW charging ports, whilst the other has 2 x 22kW charging points. (Please note that only a very small number of EVs can charge at this rate).

These chargers are the very latest 2024 design.

We have installed this equipment in many locations and it has proved to be robust and reliable and is supported by leading management software (see below) which caters for a wide range of requirements, both now and in the future.

These chargers use a 'Type 2' connection for charging, meaning that they will work with any type of EV and Plug-in hybrid vehicle. This type of connection is universal in the UK and means that your chargers are effectively future-proofed against requiring any technical changes to their charging socket design.

Each charger is fitted with a contactless capability allowing you to provide 'touch and charge' access to guests using a QR code on the side of the charger.

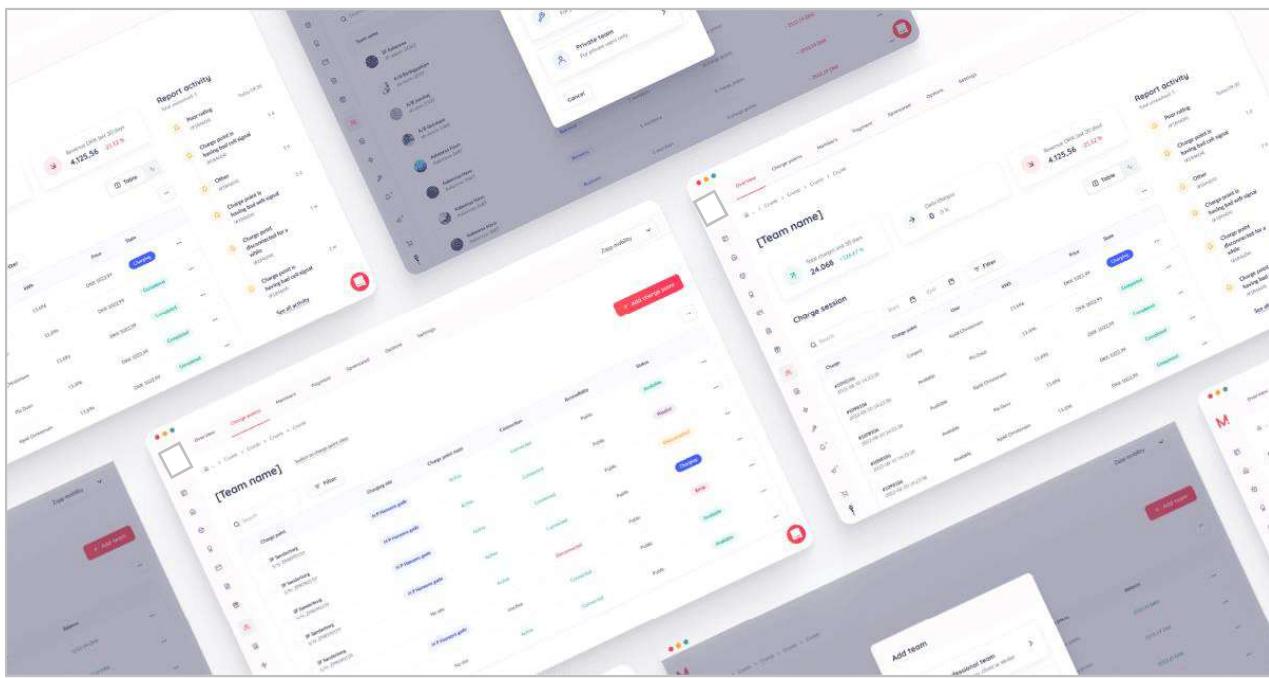
For safety, charging cables are locked into the chargers during charging.

The chargers use a wireless GSM connection to connect to the software. This means you do not need to provide ethernet connections to allow the software to connect to them (however, if an ethernet connection exists this is recommended and we will use this for your solution).



Warranty

These chargers are in use in thousands of locations across the UK and internationally and the warranty for these is 3 years.



Charger Software

Your new chargers use leading management software and are managed via a dedicated online portal.

Your management software will provide a wide range of facilities which will include:

- Monitoring charger usage.
- Allowing payment for charging without the need for an App (but employees may find the App more useful)
- Allowing access to the chargers only by specific individuals.
- Use of RFID cards or other devices, such as mobile phones, to activate your chargers.
- Deactivating chargers remotely to stop unauthorised usage.
- Allowing for software updates over the internet.
- Providing full reporting for taxation or usage purposes.



Many of these facilities may not be required initially but they allow you to future proof your charger system.

How does it work for users?

Very simply, you'll be pleased to know! From your portal, you'll send a team member a link to download the charger App. When they do so they will register their account and input their payment card. When charging, they simply connect their car and tap their phone on the front of the charger. The charger recognises their account and charges (£) them accordingly.

Protection Barriers

Essential for all car park charging installations, these car parking barriers will protect chargers from being damaged by vehicles.

Each one is available in black or stainless steel and is designed to provide an attractive and long-lasting finish.



Groundworks

To ensure a high-quality finish for your chargers' installation, trenches will be excavated for the charger cabling. This will ensure that all cabling is hidden from view. Chargers will be secured with high-strength ground pads which will be embedded into the ground.

For the brick paved areas, we will remove a slim section of these and replace them with an approved replacement base section to ensure that this area remains as resistant to traffic usage as the rest of the car parking area.



New supply connection kiosk

We will create a new charging supply point in the car parking area to allow us to connect your new chargers and subsequent chargers. The kiosk will be securely mounted and contain a dedicated electrical board.



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