

Gloucestershire County Council

Soft Market Testing

July 2020

Electric Vehicle Charging Infrastructure Network for Gloucestershire

**Project brief and questionnaire**

**Part 1: Project brief**

* 1. **Aim of the market engagement**

Gloucestershire County Council wishes to encourage the uptake and usage of ULEV’s as well as improve air quality across the County and as such wants to have in place a network of Electric Vehicle Charge Points in order to support these objectives.

Gloucestershire County Council intends to procure a contract for the supply and installation of up to 200 Electric Vehicle Charging Points across Gloucestershire.

This market engagement exercise will help inform us of amongst other things,

* the potential level of interest in bidding for this contract.
* the type\s of Electric Vehicle Charging Points available to us and
* the suitability of these for a variety of sites across Gloucestershire.

In addition, it will also help to inform us of the potential for futureproofing any Electric Charge Points that we may choose to install.

**Part 2: Supplier engagement exercise**

# Participating in this exercise

Gloucestershire County Council would like to invite any interested parties to

Submit responses to the questions below.

Please submit your responses by 13th August 2020 12.00 via the Pro-contract Portal at <https://www.supplyingthesouthwest.org.uk/>

*Please note that this notice has been issued by the Council purely for information seeking purposes and does not form part of the procurement process. Interested parties should note that a response to this notice does not guarantee an invitation to tender for any services which the Council may advertise, nor that the Council will procure any such services or accept any proposals offered. Conversely, not participating in the market engagement exercise will not exclude any party from any involvement in the procurement process.*

**Aspects for discussion (not exhaustive)**

|  |  |
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| QUESTION  |  |
| 1. How many vehicles can be charged at each charge point?
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| 1. How is your equipment able to support induction loop charging in the future?
 |  |
| 1. Are you able to support V2G/V2B, if not will this be available in the future?
 |  |
| 1. Please estimate for each element its % share of total installation cost for residential EVCP’s:
2. civils works
3. electrical supply including upgrade
4. EV charge point unit
 |  |
| 1. Do your EV charge points moderate the charge rate based on local usage to reduce the demand on the grid?
 |  |
| 1. Are you able to support energy storage/renewable generation?
 |  |
| 1. Please indicate the duration of connection and duration of charging by customers using your equipment, using actual data.
 |  |
| 1. What EV charge point would you recommend for the following locations:
2. On street residential e.g. resident permit scheme
3. On street town centre e.g. pay and display up to 2 hours
4. On street town centre e.g. up to 4 hours
5. Park and ride site
6. Taxi rank
7. Long stay car park
8. Of the above what products are you able to offer?
 |  |
| 1. What type of connectors are compatible?
 |  |
| 1. Wider Benefits:
2. Do you offer additional services such as preferential leasing of ULEV’s?
3. Partnerships with car clubs?
4. Smart city features e.g. digital connectivity, sensors
 |  |
| 1. Are your EV charge points available on a pay as you go basis or is membership a requirement?
 |  |
| 1. Are your EV charge points interoperable with other networks allowing customers to roam? If not available now will this be available in the future and in what time frame?
 |  |
| 1. What is your recommended range of tariffs for: connection fee and price per kW/hr?
 |  |
| 1. What are typical annual maintenance and back office costs per unit?
 |  |
| 1. What fees do you levy and from which income streams? - *We don’t,  as yet,  fully appreciate  the mechanisms of fee charging structures, please could you explain your charging model (s)/ cost basis, using indicative prices.*
 |  |
| 1. Are there other fees?

*Any additional costs to be considered including, for example, if we were to expand our provision to support other organisations or public bodies.*  |  |
| 1. Which of your ongoing costs can be paid in advance by the local authority e.g. for 3-5 years?
* *Please could you identify set-up costs, ongoing costs, and decommissioning costs and when those costs will be applied across, for example a 3 or 5 year contract.*
* *if there are any payments that can/need to be made in advance, can you detail them as well as describing the type of model that you operate?*
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| 1. Do you offer any concession agreements, receiving all income and meeting all costs yourselves. If so what is their duration?
 |  |
| 1. What level of availability can you guarantee for your equipment? (Mean time between failure)
 |  |
| 1. Are EV charge points free standing or integrated with other infrastructure e.g. lighting columns?
2. Where lighting columns are used how do you manage safe connections for columns at the back of the footway, taking into consideration trailing cables?
 |  |
| 1. Do you have any additional comments, observations or recommendations to make regarding the proposed project.
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