

# NSW Destination Charging EOI

## Version 1.0



### Introduction

To support the transition to electric vehicles, as previously announced the NSW government is going to commence co-funding the installation of AC electric vehicle charging equipment across eligible destinations in regional NSW.

Full details of the program as a whole, including eligibility criteria, how sites can apply for co-funding support, and so forth, will be published in the near future by the NSW government. More information on this can be found here:

<https://www.energysaver.nsw.gov.au/reducing-emissions-nsw/electric-vehicles>.

In the leadup to the program launch, the EVC has been retained by the NSW government to develop lists of approved electric vehicle charging hardware (EVSE) and EV charging software which will be considered within scope of the co-funding grants, subject to the terms and conditions of the overall grants program.

The first step in this process is an EOI for EVSE hardware and EV software suppliers, which will run from 9AM AEST, February 21<sup>st</sup>, 2022, through to 5PM AEST, March 7<sup>th</sup>, 2022.

This document covers the details of the EOI.

### Some important points:

Any EVSE hardware or EV software supplier can apply through the EOI for their hardware and/or software offering to be considered for inclusion on the list. Membership status of the EVC will have no bearing on inclusion or exclusion of an applicant's hardware or software offering.

Applicants to the EOI accept that to the extent permitted by law the EVC shall not be held liable for any losses in any way associated with their application or this program. To the extent permitted by law, the EVC shall not be held accountable or liable for any losses sustained by any party pursuant to this work.

The EVC is carrying out this piece of work on behalf of the NSW government and has responsibility for developing, publishing and maintaining the lists, while the NSW government is ultimately responsible for this project.

The intent of NSW government is that this list shall be updated on a six-monthly basis through to the completion of the grants.

## **How prospective suppliers are expected to apply**

Prospective suppliers will apply via email to the EVC, to [NSWdestinationcharging@evc.org.au](mailto:NSWdestinationcharging@evc.org.au)

Required documentation to support the application should be attached to the email, as detailed below.

Prospective suppliers with questions about the EOI are asked to submit those questions via email to [NSWdestinationcharging@evc.org.au](mailto:NSWdestinationcharging@evc.org.au)

Prospective suppliers with questions about the overarching destination charging program are encouraged to seek more information from the official government website:

<https://www.energysaver.nsw.gov.au/reducing-emissions-nsw/electric-vehicles>.

A supplier may elect to offer EVSE hardware, or EV charging software, or both.

## **How applications will be assessed**

For hardware suppliers, the EVC will review the datasheet against the published criteria to confirm that the hardware specification meets the criteria. In the event that the datasheet fails to meet any of the stated criteria, the EVC will identify which criteria was not met in their response to the prospective supplier.

The EVC will not be responsible for physical evaluation or testing of the hardware. EVC approval shall not be construed as an alternative to the prospective supplier undertaking appropriate quality control and compliance measures, or as certification that the hardware is fit for sale. These responsibilities are vested with the importer, installer, and others in the supply chain.

For software suppliers, the EVC will verify that the app can be readily downloaded onto an Australian phone and is navigable, to satisfy the points 'Availability in Australia' and 'user friendly interface'. As with the review of the hardware datasheet, if there is a failure to meet the stated

criteria, the EVC will identify which criteria was not met in their response to the prospective supplier.

For the remainder of the qualification requirements applicable to the software supplier and their offering, their letter on company letterhead will be taken as a truthful representation.

The EVC will not be responsible for verifying the adequacy of the software provider's compliance with privacy or data handling requirements or certifying that the specific solution is fit for sale. These responsibilities are vested with the party offering the software solution to market.

In the event that it comes to the attention of the EVC that a particular EVSE model supplied by a hardware supplier, or a particular software platform, is deficient with respect to the criteria, the EVC will notify the relevant party within NSW government, who will provide any necessary guidance around de-listing any item from the approved lists.

### **How successful and unsuccessful suppliers will be notified by the EVC.**

Notification of status of the application will be via email, from the EVC to the prospective supplier. In the event that the prospective supplier is unsuccessful, the criteria that they failed to meet will be specified in the email.

### **How the EVC will field and action any complaints.**

In the event of a complaint by a prospective supplier, the EVC will in the first instance seek, via email, a discussion with the management team of the prospective supplier to resolve the matter.

If this discussion does not eventuate in a timely fashion, or does not lead to a mutually acceptable resolution, the EVC will document the complaint, describe in writing the nature of the unresolved challenge, and provide this by email to the relevant party within NSW government.

## **Technical criteria for applicants to address**

### **For EV software providers:**

The intent of the software solution is to enable EVSE hardware to be managed remotely by a third party, under a commercial agreement between the software provider and the grant applicant.

The software solution is required to:

- Enable the remote management of EVSE
- Be available and supported within Australia
- Be compatible with OCPP 1.6
- Have a user friendly interface
- Be available on Android and iOS operating systems

The applicant is required to:

- Provide a letter on company letterhead asserting that the software platform submitted for consideration meets these published criteria for inclusion in the scheme and demonstrating that the organisation is established and reputable, with the ability and intent to support their respective software and customers into the future.
- Provide a list of which models of 7kW and 22kW EVSE available in the Australian market that the software is compatible with.
- Provide the annual subscription cost applicable to the grant applicant per EVSE managed.
- Commit to offering grant applicants the option to purchase a 2-year subscription up-front
- Agree to provide complete access to charger data to the grant applicant during the paid subscription period, noting that this does not create a requirement for the software provider to hold the data in perpetuity without compensation.
- Provide immediate access to data from the point of subscription purchase and installation connection.
- Provide a policy document addressing potential privacy concerns, detailing how data is collected, secured, and maintained.
- Commit to displaying real-time data from all co-funded chargers connected to their software to drivers, through an online platform or app.
- Agree to work with the NSW Government on a de-identified data collection protocol that provides the NSW Government Open Data Hub with 30-minute interval data from co-funded chargers under the EV Destination Charging Grants for a 2-year period.

Data fields relevant to the above requirements include:

- Live data:
  - Charger location
  - Charger availability status
  - Maximum power (kW)
  - Charging session duration (HH:MM)
  - Total energy used (kWh)
  - Charging time of day
- Operational data:
  - Successful charging sessions count per day (No.)
  - Successful charging sessions per day (HH:MM)
  - Failed charging attempt count per day (No.)
  - Fault detection
  - Time available per day
  - Time in use per day
  - Time not operational per day
  - If a \$/kWh charging fee is applied

## **For EVSE hardware providers**

The intent of the EVSE is to support electric vehicle charging at destination locations.

The EVSE is required to:

- Be available within Australia, with a procurement lead time of no more than 3 months
- Be compliant to relevant Australian standards
- Be able to support charging of any EV make/model available in Australia.
  - *Note, it is acceptable for the EVSE to have automotive OEM branding, provided the EVSE can support all vehicles.*
- Have a Type 2 socket outlet or Type 2 tethered cable.
- Have 7kW or 22kW AC output
- Have OCPP 1.6 and/or OCPP 2.0 communications capability, over at least one of Ethernet, Wifi or 4G.
- Have an ingress protection rating of IP54 or higher
- Have an impact protection rating of IK08 or higher

The applicant is required to:

- Provide a letter on company letterhead asserting that the EVSE submitted for consideration meets these published criteria for inclusion in the scheme, and demonstrating that the organisation is established and reputable, with the ability and intent to support their respective EVSE and customers into the future.
- Provide part numbers and recommended retail price (RRP, MSRP, or 'list price') for each model of EVSE proposed to be offered through the scheme.
- Provide a datasheet and installation manual for each model of EVSE proposed to be offered through the scheme.
- For each model of EVSE intended for listing in the scheme, provide one of:
  - Written statement from the importer that their in-house quality/engineering team has examined the product and deemed it fit to supply the Australian market, or
  - Written statement from an accredited Australian test laboratory to the effect that the product is fit to supply the Australian market (any required testing at supplier's cost)
- Offer Minimum 2-year warranty from time of sale on EVSE offered for this scheme.