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Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776**

## Request For Supply Arrangement - Demande pour un arrangement en matière d'approvisionnement

Offer to: Department of Public Works and Government Services

We hereby offer to provide to Canada, as represented by the Minister of Public Works and Government Services, in accordance with the terms and conditions set out herein or attached hereto, the goods, services, and construction detailed herein and on any attached sheets.

Offre au: Ministère des Travaux publics et des Services  
gouvernementaux

Nous offrons par la présente de fournir au Canada, représenté par le ministre des Travaux publics et des Services gouvernementaux, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici et sur toute feuille ci-annexée.

## Comments - Commentaires

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Electrical & Electronics Products Division  
L'Esplanade Laurier  
East Tower, 4th floor,  
Ottawa  
Ontario  
K1A 0S5

<b>Title - Sujet</b> RFSA - EVSE ELECTRIC VEHICLE SUPPLY EQUIPMENT	
<b>Solicitation No. - N° de l'invitation</b> E60HN-21EVSE/B	<b>Date</b> 2021-10-08
<b>Client Reference No. - N° de référence du client</b> E60HN-21EVSE	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$HN-373-80467
<b>File No. - N° de dossier</b> hn373.E60HN-21EVSE	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2026-10-15</b> Heure Avancée de l'Est HAE	
<b>Delivery Required - Livraison exigée</b>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Vallejo, Veronica	<b>Buyer Id - Id de l'acheteur</b> hn373
<b>Telephone No. - N° de téléphone</b> (613)297-3978 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	
<b>Security - Sécurité</b> This request for a Supply Arrangement does not include provisions for security. Cette Demande pour un arrangement ne comprend pas des dispositions en matière de sécurité.	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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## **Request for Supply Arrangements (RFSA) for**

### **Electric Vehicle Supply Equipment (EVSE)**

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### Annex C – Specifications – Group 3 – DC Fast Charging Networked EVSE

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### Annex E – Manufacturer's Authorization Letter Template

### Annex F – Request for Proposal (RFP) Template

(For more information about the RFP template and Bid Solicitation Process, refer to "Bid Solicitation" Section detailed under Part 6B)

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The Request for Supply Arrangements (RFSA) is divided into six parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Supplier Instructions: provides the instructions applicable to the clauses and conditions of the RFSA;
- Part 3 Arrangement Preparation Instructions: provides Suppliers with instructions on how to prepare the arrangement to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the arrangement and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided; and
- Part 6 6A, Supply Arrangement, 6B, Bid Solicitation, and 6C, Resulting Contract Clauses:
  - 6A, includes the Supply Arrangement (SA) with the applicable clauses and conditions;
  - 6B, includes the instructions for the bid solicitation process within the scope of the SA;
  - 6C, includes general information for the conditions which will apply to any contract entered into pursuant to the SA.

The Annexes include Annex A – Specifications – Group 1, Annex B – Specifications – Group 2, Annex C – Specifications – Group 3, Annex D – Specifications – Group 4, and their appendices, Annex E – Manufacturer's Authorization Letter Template and Annex F – Request for Proposal Template.

### **1.2 Summary**

#### **1.2.1 Requirement**

The Request for Supply Arrangements (RFSA) is to establish supply arrangements for the provision of Electric Vehicle Supply Equipment (EVSE) including data services within the following groups:

Group 1 – Level 1 and Level 2 Networked EVSE in accordance with Annex A – Specifications

Group 2 – Level 1 and Level 2 Non-Networked EVSE in accordance with Annex B – Specifications

Group 3 – Direct Current (DC) Fast Charging Networked EVSE in accordance with Annex C – Specifications

Group 4 – Direct Current (DC) Fast Charging Non-networked EVSE in accordance with Annex D – Specifications

Suppliers may submit an arrangement for a specific EVSE Level within Group 1 and Group 2. However, suppliers must submit an arrangement for all items within the EVSE Level for which an arrangement is being submitted. Suppliers may submit an arrangement for one or more Groups. Supply Arrangements will be issued for each Group.

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The period of the RFSA will be for five (5) years from the date of issuance. Suppliers will have the opportunity to qualify throughout the period of the RFSA.

### **1.2.2 Security Requirements**

There are no security requirements associated with this Request for Supply Arrangements.

However, if required by the Identified Users, security requirements may be included in Bid Solicitation Documents and Resulting Contract Clauses. For additional information consult Part 6 – Supply Arrangement and Resulting Contract Clauses.

### **1.2.3 Trade Agreements**

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), and the Canadian Free Trade Agreement (CFTA).

### **1.2.4 Comprehensive Land Claims Agreements**

The Request for Supply Arrangements is to establish Supply Arrangements for the delivery of the requirement detailed in the RFSA, to the Identified Users across Canada, including areas subject to Comprehensive Land Claims Agreements (CLCAs), but excluding locations within the Nunavut Land Claims Agreement.

This procurement is subject to the Gwich'in Comprehensive Land Claim Agreement, Sahtu Dene and Metis Comprehensive Land Claim Agreement, Tlicho Land Claims and Self Government Agreement, Inuvialuit Final Agreement, Vuntut Gwich'in First Nation, First Nation of Nacho Nyak Dun, Teslin Tlingit Council, Champagne and Aishihik First Nations, Little Salmon/Carmacks First Nation, Selkirk First Nation, Tr'ondëk Hwëch'in First Nation, Ta'an Kwach'an Council, Kluane First Nation, Kwanlin Dun First Nation, Carcross/Tagish First Nation, Maa-nulth Final Agreement, Nisga'a Final Agreement, Tsawwassen First Nation Final Agreement, James Bay and Northern Quebec Agreement, Northeastern Quebec Agreement, Nunavik Inuit Land Claims Agreement, Eeyou Marine Region Land Claims Agreement, Labrador Inuit Land Claims Agreement. Any requirement for deliveries to locations within the Nunavut Land Claims Agreement will have to be treated as a separate procurement, outside of the resulting supply arrangements.

### **1.2.5 epost Connect service**

This RFSA allows suppliers to use the epost Connect service provided by Canada Post Corporation to transmit their arrangement electronically. Suppliers must refer to Part 2 of the RFSA entitled Supplier Instructions and Part 3 of the RFSA entitled Arrangement Preparation Instructions for further information on using this method.

### **1.3 Debriefings**

Suppliers may request a debriefing on the results of the request for supply arrangements process. Suppliers should make the request to the Supply Arrangement Authority within fifteen (15) working days of receipt of the results of the request for supply arrangements process. The debriefing may be in writing, by telephone or in person.

### **1.4 Use of an e-Procurement Solution (EPS)**

Canada is currently developing an online EPS for faster and more convenient ordering of goods and services. In support of the anticipated transition to this system and how it may impact any resulting Supply Arrangement that is issued under this solicitation, refer to 6.12 Transition to an e-Procurement Solution (EPS).

The Government of Canada's [press release](#) provides additional information.

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## PART 2 - SUPPLIER INSTRUCTIONS

### 2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Supply Arrangements (RFSA) by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Suppliers who submit an arrangement agree to be bound by the instructions, clauses and conditions of the RFSA and accept the clauses and conditions of the Supply Arrangement and resulting contract(s).

The 2008 (2020-05-28) Standard Instructions - Request for Supply Arrangements - Goods or Services, are incorporated by reference into and form part of the RFSA.

Subsection 5.4 of 2008, Standard Instructions - Request for Supply Arrangements - Goods or Services, is amended as follows:

Delete: 60 days  
Insert: 90 days

### 2.2 Suppliers' Conference

A Suppliers' conference will be held on **Thursday, October 28, 2021** by teleconference or video conference.

The Suppliers' conference will be from 10: a.m. to 12:00 p.m.-The scope of the requirement outlined in the Request for Supply Arrangement (RFSA) will be reviewed during the conference and questions will be answered. It is recommended that Suppliers who intend to submit an arrangement participate in the conference.

Suppliers are requested to communicate with the Supply Arrangement Authority before the conference to confirm attendance. Suppliers should provide, in writing, to the Supply Arrangement Authority, the name of the person(s) who will be attending and a list of issues they wish to table at least seven (7) working days before the scheduled conference. Details to access the teleconference or video conference will be provided by the Supply Arrangement Authority following the suppliers' confirmation.

Any clarifications or changes to the RFSA resulting from the Suppliers' conference will be included as an amendment to the RFSA. Suppliers who do not attend will not be precluded from submitting an arrangement.

### 2.3 Submission of Arrangements

Arrangements must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated in the RFSA.

**Given that many people are currently working from home and in an effort to reduce the spread of the Coronavirus disease (COVID-19) within communities, bidders are highly encouraged to transmit their bid electronically using the epost Connect service.**

Note: For suppliers choosing to submit using epost Connect for arrangements closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Arrangements will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2008, or to send

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arrangements through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

Due to the nature of the Request for Supply Arrangements, transmission of arrangements by facsimile to PWGSC will not be accepted.

#### **2.4 Evaluation Period**

The evaluation of the arrangements submitted by suppliers will start on November 4, 2021.

Although an Arrangement can be submitted at any time, the evaluation process will only take place on a quarterly basis within each year.

The closing dates for each quarter are as follows:

March 31st

June 30th

September 30th

December 31st

All arrangements must be submitted no later than the defined closing dates for the arrangement to be evaluated in that quarter.

#### **2.5 Federal Contractors Program for Employment Equity - Notification**

The Federal Contractors Program (FCP) for employment equity requires that some contractors make a formal commitment to Employment and Social Development Canada (ESDC) - Labour to implement employment equity. In the event that this Supply Arrangement would lead to a contract subject to the Federal Contractors Program (FCP) for employment equity, the bid solicitation and resulting contract templates would include such specific requirements. Further information on the Federal Contractors Program (FCP) for employment equity can be found on [Employment and Social Development Canada \(ESDC\) - Labour's website](#).

#### **2.6 Enquiries - Request for Supply Arrangements**

All enquiries must be submitted in writing to the Supply Arrangement Authority.

Suppliers should reference as accurately as possible the numbered item of the RFSA to which the enquiry relates. Care should be taken by Suppliers to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that Suppliers do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Suppliers. Enquiries not submitted in a form that can be distributed to all Suppliers may not be answered by Canada.

#### **2.7 Applicable Laws**

The Supply Arrangement (SA) and any contract awarded under the SA must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Suppliers may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of the arrangement, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Suppliers.

#### **2.8 Bid Challenge and Recourse Mechanisms**

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

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- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's Buy and Sell website, under the heading "Bid Challenge and Recourse Mechanisms" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
  - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.



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## PART 3 - ARRANGEMENT PREPARATION INSTRUCTIONS

### 3.1 Arrangement Preparation Instructions

- If the Supplier chooses to submit its arrangement electronically, Canada requests that the Supplier submits its arrangement in accordance with section 08 of the 2008 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation. The arrangement must be gathered per section and separated as follows:

Section I: Technical Arrangement  
Section II: Certifications

- If the Supplier chooses to submit its arrangement in hard copies, Canada requests that the Supplier submits its arrangement in separately bound sections as follows:

Section I: Technical Arrangement (2 hard copies and 1 soft copy on Universal Serial Bus (USB) flash drive)  
Section II: Certifications (1 hard copy)

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

- If the Supplier is simultaneously providing copies of its arrangement using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

Due to the nature of the RFSA, arrangements transmitted by facsimile will not be accepted.

Canada requests that suppliers follow the format instructions described below in the preparation of hard copy of their arrangement:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the RFSA.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, suppliers should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

#### **Section I: Technical Arrangement**

In the technical arrangement, Suppliers should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Suppliers do not have to submit an arrangement for all Groups and Levels. Each Group and Level will be evaluated individually.

Suppliers must submit, with their arrangement:

- 
- a) The completed Technical Information Questionnaire **and** the Optional Requirements documentation **for each model** within a Level and Group for which they are submitting an arrangement.
- Appendix A1 – Technical Information Questionnaire – Group 1 – Level 1 and Level 2 Networked EVSE
  - Appendix A2 – Optional Requirements - Group 1 – Level 1 and Level 2 Networked EVSE
  - Appendix B1 – Technical Information Questionnaire – Group 2 – Level 1 and Level 2 Non-Networked EVSE
  - Appendix B2 – Optional Requirements – Group 2 – Level 1 and Level 2 Non- Networked EVSE
  - Appendix C1 – Technical Information Questionnaire – Group 3 – DC Fast Charging Networked EVSE
  - Appendix C2 – Optional Requirements – Group 3 – DC Fast Charging Networked EVSE
  - Appendix D1 – Technical Information Questionnaire – Group 4 – DC Fast Charging Non-networked EVSE
  - Appendix D2 – Optional Requirements – Group 4 – DC Fast Charging Non-Networked EVSE

- b) Manufacturer's Authorization Letters
- If the supplier is not the manufacturer of the equipment, the supplier must provide a recently completed Manufacturer's Authorization Letter (see Annex E) for each manufacturer listed in their arrangement. The manufacturer's letters must be submitted with their arrangement. These letters must be under the letterhead of the manufacturer and signed by the Authorized Representative who should have the absolute authority to designate agents / distributors. Facsimile versions will not be accepted.

PWGSC reserves the right to verify the accuracy of the information provided.

It is the Supplier's responsibility to obtain the co-operation of the manufacturer, to agree to, and select only one (1) Manufacturer's Authorized Representative to represent the manufacturer's products for this RFSA. The Manufacturer's Authorized Representative must be the highest ranking authorized representative available.

### **3.1.1 Substitute Products**

Suppliers may propose a substitute product to replace a superseded or obsolete product from the EVSE manufacturer. The substitute product will be considered for acceptance by the Technical Authority where the Supplier:

- (a) Designates the brand name and model number of the proposed product;
- (b) Provides complete specifications and brochures of the substitute product, where applicable;
- (c) Provides compliance statements that include technical details showing the substitute product meets all technical requirements specified in the technical requirement description;
- (d) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute product compliance with the technical requirements.

Substitute products offered will not be considered for acceptance by the Technical Authority if:

- (a) Supplier fails to provide all of the evidence requested to allow the Technical Authority to fully evaluate the compliance, or;

(b) The substitute product fails to meet all the technical requirements specified in the technical requirement description.

**Section II:      Certifications**

Suppliers must submit the certifications and additional information required under Part 5.

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## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

- (a) Arrangements will be assessed in accordance with the entire requirement of the Request for Supply Arrangements including the technical evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the arrangements.
- (c) Canada will proceed to a review of the arrangement to ensure that all mandatory criteria are met. If any part of the mandatory requirements are not met as required, the Supply Arrangement Authority will so inform the Supplier and provide the Supplier with a time frame within which to meet the requirement. Failure to comply with the request of the Supply Arrangement Authority and meet the requirement within that time period will render the arrangement non-responsive.

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 Mandatory Technical Criteria**

Suppliers must submit, with their arrangement, all proof of compliance required in the Specifications and the Technical Information Questionnaire for each Group and Level for which an arrangement is being submitted.

##### **4.1.1.2 Substitutes Products**

Suppliers proposing substitutes products must submit, with their arrangement, all the information requested as detailed in Part 3, section I – Technical Arrangement and Substitute products to be considered for evaluation.

### **4.2 Basis of Selection**

An arrangement must comply with the requirements of the Request for Supply Arrangements and meet all mandatory technical evaluation criteria to be declared responsive. All responsive arrangements will be recommended for issuance of a Supply Arrangement.

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## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Suppliers must provide the required certifications and additional information to be issued a supply arrangement (SA).

The certifications provided by Suppliers to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an arrangement non-responsive, or will declare a contractor in default if any certification made by the Supplier is found to be untrue whether made knowingly or unknowingly during the arrangement evaluation period, or during the period of any supply arrangement arising from this RFSA and any resulting contracts.

The Supply Arrangement Authority will have the right to ask for additional information to verify the Supplier's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Supply Arrangement Authority will render the arrangement non-responsive, or constitute a default under the Contract.

### 5.1 Certifications Required with the Arrangement

Suppliers must submit the following duly completed certifications as part of their arrangement.

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all suppliers must provide with their arrangement, **if applicable**, the declaration form available on the Forms for the Integrity Regime website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### 5.2 Certifications Precedent to the Issuance of a Supply Arrangement and Additional Information

The certifications and additional information listed below should be submitted with the arrangement, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Supply Arrangement Authority will inform the Supplier of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the arrangement non-responsive.

#### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Supplier must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### 5.2.2 Product Conformance

The Supplier certifies that all equipment proposed conform, and will continue to conform throughout the duration of the SA and of any resulting contract, to all technical requirements of the Specifications.

This certification does not relieve the arrangement from meeting all mandatory technical evaluation criteria detailed in Part 4.

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Supplier's authorized representative signature

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Date

#### 5.2.3 General Environmental Criteria Certification

The Supplier must select and complete one of the following two certification statements.

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A) The Supplier certifies that the Supplier is registered or meets ISO 14001.

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Supplier's authorized representative signature

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Date

Or

B) The Supplier certifies that the Supplier meets and will continue to meet throughout the duration of the arrangement, a minimum of four (4) out of six (6) criteria identified in the table below.

The Supplier must indicate which four (4) criteria, as a minimum, are met.

<b>Green Practices within the Supplier's organization</b>	<b>Insert a checkmark for each criterion that is met</b>
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

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Supplier's authorized representative signature

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Date

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## **PART 6 - SUPPLY ARRANGEMENT AND RESULTING CONTRACT CLAUSES**

### **A. SUPPLY ARRANGEMENT**

#### **6.1 Arrangement**

The Supply Arrangement covers the requirements described in Annex A – Specifications – Group 1, Annex B – Specifications – Group 2, Annex C – Specifications – Group 3, Annex D – Specifications – Group 4.

#### **6.2 Security Requirements**

There is no security requirement applicable to the Supply Arrangement.

However, if required by the Identified Users, security requirements may be included in Bid Solicitation Documents and Resulting Contract Clauses.

#### **6.3 Standard Clauses and Conditions**

All clauses and conditions identified in the Supply Arrangement and resulting contract(s) by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

##### **6.3.1 General Conditions**

2020 (2020-07-01) General Conditions - Supply Arrangement - Goods or Services, apply to and form part of the Supply Arrangement.

##### **6.3.2 Supply Arrangement Reporting**

The Supplier must compile and maintain records on its provision of goods to the federal government under contracts resulting from the Supply Arrangement. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Supplier must provide this data, in electronic format (Excel spreadsheet format), in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If no goods are provided during a given period, the Supplier must still provide a "NIL" report.

The data must be submitted on a quarterly basis to the Supply Arrangement Authority.

The quarterly reporting periods are defined as follows:

1st quarter: April 1 to June 30;  
2nd quarter: July 1 to September 30;  
3rd quarter: October 1 to December 31;  
4th quarter: January 1 to March 31.

The reporting requirements include:

- 1a. Supply Arrangement Number;
- 1b. Supply Arrangement Title;
- 1c. Identified Users;
- 1d. Contract number;
- 1e. Invoice date and number;
- 1f. Delivery Location;
- 1g. Reporting Period (Quarter and Per Fiscal Year);
- 1h. Total Number of Orders and associated value (Applicable taxes included) for the Reporting Period (Quarter);

1i. Total Number of Orders and associated value (Applicable taxes included) (Per Fiscal Year);  
1j. Total Number of Orders and associated value (Applicable taxes included) (For the duration of the Supply Arrangement);

2a. Item number;  
2b. Total Number of Item ordered (Per Quarter and Per Fiscal Year);  
2c. Total Number of Item ordered (Per Identified user).

The data must be submitted to the Supply Arrangement Authority no later than fifteen (15) calendar days after the end of the reporting period.

#### **6.4 Term of Supply Arrangement**

##### **6.4.1 Period of the Supply Arrangement**

The period for awarding contracts under the Supply Arrangement is from \_\_\_\_\_ to \_\_\_\_\_. (**To be inserted by PWGSC**)

##### **6.4.2 Comprehensive Land Claims Agreements (CLCAs)**

The Supply Arrangement is for the delivery of the requirement detailed in the SA, to the Identified Users across Canada, including areas subject to Comprehensive Land Claims Agreements (CLCAs), but excluding locations within the Nunavut Land Claims Agreement.

This procurement is subject to the Gwich'in Comprehensive Land Claim Agreement, Sahtu Dene and Metis Comprehensive Land Claim Agreement, Tlicho Land Claims and Self Government Agreement, Inuvialuit Final Agreement, Vuntut Gwich'in First Nation, First Nation of Nacho Nyak Dun, Teslin Tlingit Council, Champagne and Aishihik First Nations, Little Salmon/Carmacks First Nation, Selkirk First Nation, Tr'ondëk Hwëch'in First Nation, Ta'an Kwach'an Council, Kluane First Nation, Kwanlin Dun First Nation, Carcross/Tagish First Nation, Maa-nulth Final Agreement, Nisga'a Final Agreement, Tsawwassen First Nation Final Agreement, James Bay and Northern Quebec Agreement, Northeastern Quebec Agreement, Nunavik Inuit Land Claims Agreement, Eeyou Marine Region Land Claims Agreement, Labrador Inuit Land Claims Agreement. Any requirement for deliveries to locations within the Nunavut Land Claims Agreement will have to be treated as a separate procurement, outside of the resulting supply arrangements.

#### **6.5 Authorities**

##### **6.5.1 Supply Arrangement Authority**

The Supply Arrangement Authority is:

Name: Veronica Vallejo  
Public Works and Government Services Canada  
Acquisitions Branch  
Address: 140, O'Connor Street, East Tower, 4th Floor, Ottawa, Ontario K1A 0S5  
Telephone: 613-297-3978  
E-mail address: [Veronica.Vallejo@pwgsc-tpsgc.gc.ca](mailto:Veronica.Vallejo@pwgsc-tpsgc.gc.ca)

The Supply Arrangement Authority is responsible for the issuance of the Supply Arrangement, its administration and its revision, if applicable.

##### **6.5.2 Technical Authority**

The Technical Authority for the SA is:

Name: \_\_\_\_\_ (**to be inserted by PWGSC**)  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_



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Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

The Technical Authority is responsible for all matters concerning the technical content of the Purchase Description(s) under the SA. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through an SA amendment issued by the Supply Arrangement Authority.

### 6.5.3 Supplier's Representative

Name: \_\_\_\_\_ *(to be completed by supplier)*  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

### 6.6 Identified Users

The Identified Users include any government department, agency or Crown Corporation listed in Schedules I, I.1, II, III, of the Financial Administration Act, R.S.C., 1985, c. F-11.

### 6.7 On-going Opportunity for Qualification

A Notice will be posted on the Government Electronic Tendering Service (GETS) for the duration of the RFSA to allow new Suppliers to become qualified. Existing qualified Suppliers, who have been issued a supply arrangement, will not be required to submit a new arrangement.

### 6.8 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the articles of the Supply Arrangement;
- (b) the general conditions 2020 (2020-07-01), General Conditions - Supply Arrangement - Goods or Services
- (c) Annex A – Specifications – Group 1 – Level 1 and Level 2 Networked EVSE
- (d) Annex B – Specifications – Group 2 – Level 1 and Level 2 Non-Networked EVSE
- (e) Annex C – Specifications – Group 3 – DC Fast Charging Networked EVSE
- (f) Annex D – Specifications – Group 4 – DC Fast Charging Non-Networked EVSE
- (g) the Supplier's arrangement dated \_\_\_\_\_ *(to be inserted by PWGSC)*, as amended *(to be inserted by PWGSC)* \_\_\_\_\_.

### 6.9 Certifications and Additional Information

#### 6.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Supplier in its arrangement or precedent to issuance of the Supply Arrangement (SA), and the ongoing cooperation in providing additional information are conditions of issuance of the SA and failure to comply will constitute the Supplier in default. Certifications are subject to verification by Canada during the entire period of the SA and of any resulting contract that would continue beyond the period of the SA.

### 6.10 Applicable Laws

The Supply Arrangement (SA) and any contract resulting from the SA must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

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#### **6.11 Substitute Model**

In the event that a model is discontinued, the Supplier must notify the Supply Arrangement Authority by email.

The Supplier can offer, through the Supply Arrangement Authority, a substitute model for acceptance. The substitute model will be evaluated by the Technical Authority and it must meet all the technical requirements of the Specifications. An administrative revision will be done in the Supply Arrangement to reflect the change in model.

Should the substitute model not meet the technical requirement, the Supplier has the right to submit another model for evaluation that they feel will satisfy the requirements. Until a substitute model is approved by the Technical Authority, the supplier will not be allowed to bid on requests for that Group.

#### **6.12 Meeting after issuance of Supply Arrangement**

Within ten (10) calendar days from the effective date of the SA, the Supplier must contact the Supply Arrangement Authority to determine if a meeting is required. A meeting will be convened at Canada's discretion. The Supplier shall be responsible for the preparation and distribution of the minutes of meeting within five (5) calendar days after the meeting has been held. The meeting will be held at the Supplier's facilities or at the Supply Arrangement Authority's facility or via teleconference, at Canada's discretion at no additional cost to Canada.

#### **6.13 Transition to an e-Procurement Solution (EPS)**

During the period of the Supply Arrangement, Canada may transition to an EPS for more efficient processing and management of individual contracts for any or all of the SA's applicable goods and services. Canada reserves the right, at its sole discretion, to make the use of the new e-procurement solution mandatory.

Canada agrees to provide the Supplier with at least a three-month notice to allow for any measures necessary for the integration of the Supply Arrangement into the EPS. The notice will include a detailed information package indicating the requirements, as well as any applicable guidance and support.

If the Supplier chooses not to provide the supply arrangement of their goods or services through the e-procurement solution, the Supply Arrangement may be set aside by Canada.

### **B. BID SOLICITATION**

#### **6.1 Bid Solicitation Documents**

Canada will use the bid solicitation template at Annex F. The latest versions of the template and terms and conditions will be used at time of bid solicitation. A copy is available by contacting the Supply Arrangement Authority detailed under Part 6A, 6.5 Authorities.

#### **6.2 Bid Solicitation Process**

**6.2.1** Bids will be solicited for specific requirements within the scope of the Supply Arrangement (SA) from all pre-qualified Suppliers who have been issued an SA under the RFSA E60HN-21EVSE/B.

**6.2.2** The bid solicitation will be posted on the Government Electronic Tendering Service (GETS) or will be sent directly to Suppliers.

The bid solicitation period will be for a minimum of five (5) calendar days.

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**6.2.3** a) The Department of National Defense will be responsible for the bid solicitation process and the award of individual contracts for requirements not exceeding \$5,000,000.00 (including applicable taxes) provided that they have delegation of authority.

b) All other identified users will be responsible for the bid solicitation process and the award of individual contracts for requirements not exceeding \$400,000.00 (including applicable taxes) provided that they have delegation of authority.

c) PWGSC will be responsible for the bid solicitation process and the award of individual contracts for requirements exceeding \$400,000.00 (including applicable taxes).

**6.2.4** The following forms must be used for the first page of the bid solicitation document and the first page of the resulting contract document. These forms are available on the Electronic Forms Catalogue ([http://publiservice-app.tpsgc-pwgsc.gc.ca/forms/text/search\\_for\\_forms-e.html](http://publiservice-app.tpsgc-pwgsc.gc.ca/forms/text/search_for_forms-e.html)) website.

PWGSC-TPSGC 9400-3, Bid Solicitation  
PWGSC-TPSGC 9400-4, Contract

## **C. RESULTING CONTRACT CLAUSES**

### **6.1 General**

The conditions of any contract awarded under the Supply Arrangement will be in accordance with the resulting contract clauses of the template used for the bid solicitation.

For any contract to be awarded using the template, general conditions 2010A will apply to the resulting contract.

The latest versions of the template and terms and conditions will be used at time of bid solicitation. A copy is available by contacting the Supply Arrangement Authority specified under part 6A, 6.5 Authorities.

**ANNEX A – SPECIFICATIONS**

**GROUP 1 – LEVEL 1 AND LEVEL 2**

**NETWORKED EVSE**

**Please note that this requirement does not include installation services.**

**1. Definitions:**

**Electric Vehicle Supply Equipment (EVSE):** a complete assembly consisting of conductors, connectors, devices, apparatus, and fittings installed specifically for the purpose of power transfer and information exchange between the branch circuit and an electric vehicle.

**Electric vehicle connector:** a device that, when electrically coupled to a mating device on the electric vehicle, establishes means for power transfer and information exchange between an electric vehicle and electric vehicle supply equipment.

**Networked Station:** An EVSE that has connection to a data network via cellular, Ethernet or Wi-Fi, and can receive commands from the network and transmit usage data such as, but not limited to: power consumption, location, time, length of charging session, payment id, usage and collection of payment.

**Non-networked Station:** An EVSE that can charge electric vehicles but does not transmit data to a network. It cannot be accessed remotely, and is not enabled for payment processing.

**Gateway Charging Station:** A networked charging station that can connect local stations with a remote network. One gateway station can be shared with a number of non- gateway ones to provide a connection to a remote network.

**Non-Gateway Station:** A charging station that can only communicate locally and requires the presence of a gateway station to communicate with a remote network for data transmission.

**Level 1 EVSE:** Electric vehicle supply equipment, which provides 1.4 kW (if supplied by a 15 A breaker) or 1.9 kW (if supplied from a 20 A breaker) power to electric vehicles at 120 V AC. It includes wall or pedestal mounted charging infrastructure with a J1772 cord set.

**Level 2 EVSE:** Electric vehicle supply equipment which provides between 3.3 kW to 19.2 kW of power to electric vehicles at 208 V or 240 V AC via a J1772 cord set. It includes wall or pedestal mounted infrastructure.

**Direct Current (DC) Fast Charging EVSE:** Electric vehicle supply equipment which provides power via direct current (DC) via a CHAdeMO or SAE-J1772 Combined Charging System (CCS) cord sets. It includes wall or pedestal mounted infrastructure and receives 3 phase input power at either 208 V, 480 V, or 600 V. Direct Current Fast Charge stations are able to deliver more power than level 1 or level 2 stations, charging vehicles more quickly. They range from 20 kW to 99 kW, with higher power (DC) Fast Charging EVSE capable of 100 kW and above.

## **2. Mandatory Requirements**

### **2.1 Electric Vehicle Compatibility**

The EVSE's MUST be compatible with all major commercially available electric vehicles sold in Canada.

### **2.2 Level 1 and 2 EVSE**

- a) SAE J1772 compliant connector;
- b) Supply Voltage:
  - i. Level 1: 120V, 60 Hz
  - ii. Level 2: 208V, 240V, 60 Hz
- c) Current:
  - i. Level 1:
    - (1) 12 A;
    - (2) 16 A
  - ii. Level 2:
    - (1) 12 A – 80 A (various options within this range);
- d) Minimum output power:
  - i. Level 1: 1.4 kW;
  - ii. Level 2: 3.3 kW;
- e) Mounting:
  - i. Wall mounted;
  - ii. Pedestal/bollard mounted;
- f) Ports:
  - i. Single port;
  - ii. Dual ports;
- g) Operating temperature range: -30°C to +40°C;
- h) Fixed holster for each connector when not in use;
- i) Housing minimum rating: Type 3R indoor/outdoor rated;
- j) Bilingual (English/French) interface and labeling;
- k) Approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.;
- l) User access control, such as : keypad, key card, key, etc.; and
- m) Metering capabilities must be certified by Measurement Canada and are subject to their oversight and approval. Upon release of Measurement Canada technical standards, new equipment must meet these performance requirements.

### **2.3 Data Tracking**

All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.

### **2.4 Networked EVSE Requirements**

All networked EVSE MUST:

- a) Have a utility/revenue grade metering that meet Measurement Canada requirements; and
- b) Accept payment by major credit cards (Visa, MasterCard) .

### **2.5 Data Collection**

Networked EVSE MUST collect, at a minimum, each of the following data per charging session:

- a) Payment information;

- b) Station identification;
- c) Port number (for dual stations);
- d) Location address;
- e) Usage start and end times (including date);
- f) kWh consumed; and
- g) Cost

Security requirements, if applicable, will be specified in the resulting solicitation documentation.

## **2.6 Data Transmission**

All networked EVSE MUST be able to:

- a) Operate via the Open Charge Point Protocol (OCCP) Version 2.0 or later so that data can be communicated to various network providers. Open Charge Point Protocol Version 1.6 will be accepted only with Version 2.0(.1) security improvements implementation upgrade.
- b) Transmit collected data automatically to a central system via cellular signal (additional connectivity via Ethernet or Wi-Fi optional); and
- c) Store the data for a minimum one month locally in the event of network connection failure until network connectivity is restored transmitting locally stored data.

## **2.7 Data Services**

Data service subscription paid for on a yearly basis or in monthly installments as specified in the resulting solicitation documentation. Services must offer multiple user logins, and allow administrator users to login into a secure web-based portal to:

- a) Remotely configure EVSE options for pricing policies and driver access control of EVSE; and
- b) Review collected data, generate reports and download data.

## **2.8 Customer Service**

The supplier MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English and French to address hardware issues, network/connectivity issues and to support unit commissioning and account activation (if applicable). Request are to be answered within the following time frames:

- a) Email assistance: within 2 business days; and
- b) Real-time assistance: Monday to Friday, 8h to 17h (local time of region where station is installed)

## **2.9 Certification**

All electrical equipment MUST be approved for use in Canada. Each EVSE and its components must be certified for installation by an organization accredited by the Standards Council of Canada in accordance to applicable standards.

## **2.10 Manuals**

The supplier MUST provide the following manuals with each EVSE in both official languages English and French:

- a) Installation manual; and
- b) Operation and maintenance manual

### **2.11 EVSE Installation**

The supplier **MUST**, upon request, have a representative on site during the installation of EVSE to ensure the equipment is installed in accordance with the manufacturer's installation standards.

Security requirements for personnel, if applicable, will be specified in the resulting solicitation documentation.

### **3. Optional Level 1 and Level 2 EVSE requirements**

- a) Level 2: Ability to also operate as a level 1;
- b) Lower operating temperature withstand of -50°C;
- c) Cable retracting system;
- d) Cable lengths to accommodate different configurations;
- e) Mounting infrastructure to accommodate larger vehicles;
- f) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices; and
- g) Gateway charging stations.

## **Appendix A1 – Technical Information Questionnaire**

### **Group 1 – Level 1 and Level 2**

#### **Networked EVSE**

This questionnaire covers technical information, which ***must*** be provided for evaluation of ***each model*** being offered. If more than one model is offered for this Group, a new Technical Information Questionnaire must be filled out.

Where the specification paragraphs below indicate “***Substantial Information***”, the “***Substantial Information***” describing completely and in detail how the requirement is met or addressed ***must*** be supplied for each requirement/specification. Simply repeating the statement contained in the RFSA is not sufficient.

The Supplier is required to indicate the document name/title and page number where the ***Substantial Information*** can be found.

#### **SUPPLIER’S INFORMATION**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Mandatory Technical Criteria	Where in the bid/arrangement the criteria can be found?	
	Document Name	Page No. where it is DEMONSTRATED in the bid
Manufacturer name:		Provide brochure or specification document
Model or product number:		
<b>2.2 Level 1 and 2 EVSE Mandatory Requirements</b>		
a) SAE J1772 compliant connector		
b) Supply Voltage (specify N/A if a level is not applicable):	Specify below for each applicable level (specify N/A if a level is not applicable):	
i. Level 1: 120V, 60 Hz		
ii. Level 2: 208V, 240V, 60 Hz		
c) Current: (specify N/A if a level is not applicable):	Specify below for each applicable level (specify N/A if a level is not applicable):	
i. Level 1:		
1) 12A		
2) 16A		
ii. Level 2:		
1) 12 A – 80 A (various options within this range)		
d) Minimum output power (specify N/A if a level is not applicable):	Specify below for each applicable level (specify N/A if a level is not applicable):	
i. Level 1: 1.4 kW		
ii. Level 2: 3.3 kW		
e) Mounting:	Specify below the applicable mounting (specify N/A if a type of mounting is not applicable):	
i. Wall mounted;		
ii. Pedestal/bollard mounted		
f) Ports:	Specify below the applicable ports (specify N/A if a type of port is not applicable):	
i. Single port;		
ii. Dual ports		
g) Operating temperature range: -30°C to +40°C		

h)	Fixed holster for each connector when not in use		
i)	Housing minimum rating: Type 3R indoor/outdoor rated		
j)	Bilingual (English/French) interface and labeling		
k)	Provide proof of Accreditation to ensure that equipment is approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.		
l)	User access control, such as keypad, key card, key, etc.		
<b>2.3 Data Tracking</b>			
a)	All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.		
<b>2.6 Data Transmission</b>			
a)	Operate via the Open Charge Point Protocol (OCCP) Version 2.0 or later so that data can be communicated to various network providers. Open Charge Point Protocol Version 1.6 will be accepted only with Version 2.0(.1) security improvements implementation upgrade.		
<b>2.8 Customer Service</b>			
	The offeror MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English <u>and</u> French.		
a)	Request are to be answered by email within 2 business days		
b)	Real-time assistance is to be provided from Monday to Friday, 8h to 17h (local time of region where station is installed)		

## APPENDIX A2 - OPTIONAL REQUIREMENTS

### GROUP 1 – LEVEL 1 AND LEVEL 2 NETWORKED EVSE

Instructions:

1. Please fill out the table with the required information per model being offered.
2. If more models are being offered, please complete another table in an additional sheet.

Optional Requirements	Model 1	Model 2	Model 3	Model 4
EVSE Manufacturer :				
EVSE Model Number:				
a) Level 2: Ability to also operate as a level 1. (Answer Yes or No)				
b) Lower operating temperature withstand of -50°C. (Answer Yes or No)				
c) Cable retracting system. (Answer Yes or No)				
d) Cable lengths to accommodate different configurations. (Specify the cable length)				
e) Mounting infrastructure to accommodate larger vehicles. (Answer Yes or No)				
f) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices. (Answer Yes or No)				
g) Gateway charging stations (Answer Yes or No)				

**ANNEX B – SPECIFICATIONS**

**GROUP 2 – LEVEL 1 AND LEVEL 2**

**NON-NETWORKED EVSE**

**Please note that this requirement does not include installation services.**

**1. Definitions:**

**Electric Vehicle Supply Equipment (EVSE):** a complete assembly consisting of conductors, connectors, devices, apparatus, and fittings installed specifically for the purpose of power transfer and information exchange between the branch circuit and an electric vehicle.

**Electric vehicle connector:** a device that, when electrically coupled to a mating device on the electric vehicle, establishes means for power transfer and information exchange between an electric vehicle and electric vehicle supply equipment.

**Networked Station:** An EVSE that has connection to a data network via cellular, Ethernet or Wi-Fi, and can receive commands from the network and transmit usage data such as, but not limited to: power consumption, location, time, length of charging session, payment id, usage and collection of payment.

**Non-networked Station:** An EVSE that can charge electric vehicles but does not transmit data to a network. It cannot be accessed remotely, and is not enabled for payment processing.

**Gateway Charging Station:** A networked charging station that can connect local stations with a remote network. One gateway station can be shared with a number of non- gateway ones to provide a connection to a remote network.

**Non-Gateway Station:** A charging station that can only communicate locally and requires the presence of a gateway station to communicate with a remote network for data transmission.

**Level 1 EVSE:** Electric vehicle supply equipment, which provides 1.4 kW (if supplied by a 15 A breaker) or 1.9 kW (if supplied from a 20 A breaker) power to electric vehicles at 120 V AC. It includes wall or pedestal mounted charging infrastructure with a J1772 cord set.

**Level 2 EVSE:** Electric vehicle supply equipment which provides between 3.3 kW to 19.2 kW of power to electric vehicles at 208 V or 240 V AC via a J1772 cord set. It includes wall or pedestal mounted infrastructure.

**Direct Current (DC) Fast Charging EVSE:** Electric vehicle supply equipment which provides power via direct current (DC) via a CHAdeMO or SAE-J1772 Combined Charging System (CCS) cord sets. It includes wall or pedestal mounted infrastructure and receives 3 phase input power at either 208 V, 480 V, or 600 V. Direct Current Fast Charge stations are able to deliver more power than level 1 or level 2 stations, charging vehicles more quickly. They range from 20 kW to 99 kW, with higher power (DC) Fast Charging EVSE capable of 100 kW and above.

## **2. Mandatory Requirements**

### **2.1 Electric Vehicle Compatibility**

The EVSE's MUST be compatible with all major commercially available electric vehicles sold in Canada.

### **2.2 Level 1 and 2 EVSE**

- a) SAE J1772 compliant connector;
- b) Supply Voltage:
  - i. Level 1: 120V, 60 Hz
  - ii. Level 2: 208V, 240V, 60 Hz
- c) Current:
  - i. Level 1:
    - (1) 12 A;
    - (2) 16 A
  - ii. Level 2:
    - (1) 12 A – 80 A (various options within this range);
- d) Minimum output power:
  - i. Level 1: 1.4 kW;
  - ii. Level 2: 3.3 kW;
- e) Mounting:
  - i. Wall mounted;
  - ii. Pedestal/bollard mounted;
- f) Ports:
  - i. Single port;
  - ii. Dual ports;
- g) Operating temperature range: -30°C to +40°C;
- h) Fixed holster for each connector when not in use;
- i) Housing minimum rating: Type 3R indoor/outdoor rated;
- j) Bilingual (English/French) interface and labeling;
- k) Approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.; and
- l) User access control, such as : keypad, key card, key, etc.

### **2.3 Data Tracking**

All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.

### **2.4 Customer Service**

The supplier MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English and French to address hardware issues, network/connectivity issues and to support unit commissioning and account activation (if applicable). Request are to be answered within the following time frames:

- a) Email assistance: within 2 business days; and
- b) Real-time assistance: Monday to Friday, 8h to 17h (local time of region where station is installed)

### **2.5 Certification**

All electrical equipment MUST be approved for use in Canada. Each EVSE and its components must be certified for installation by an organization accredited by the Standards Council of Canada in accordance to applicable standards.

## **2.6 Manuals**

The supplier MUST provide the following manuals with each EVSE in both official languages English and French:

- a) Installation manual; and
- b) Operation and maintenance manual

## **2.7 EVSE Installation**

The supplier MUST, upon request, have a representative on site during the installation of EVSE to ensure the equipment is installed in accordance with the manufacturer's installation standards.

Security requirements for personnel, if applicable, will be specified in the resulting solicitation documentation.

## **3. Optional Level 1 and Level 2 EVSE requirements**

- a) Level 2: Ability to also operate as a level 1;
- b) Lower operating temperature withstand of -50°C;
- c) Cable retracting system;
- d) Cable lengths to accommodate different configurations;
- e) Mounting infrastructure to accommodate larger vehicles; and
- f) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices.

## **Appendix B1 – Technical Information Questionnaire**

### **Group 2 – Level 1 and Level 2**

#### **Non-Networked EVSE**

This questionnaire covers technical information, which ***must*** be provided for evaluation of ***each model*** being offered. If more than one model is offered for this Group, a new Technical Information Questionnaire must be filled out.

Where the specification paragraphs below indicate “***Substantial Information***”, the “***Substantial Information***” describing completely and in detail how the requirement is met or addressed ***must*** be supplied for each requirement/specification. Simply repeating the statement contained in the RFSA is not sufficient.

The Supplier is required to indicate the document name/title and page number where the ***Substantial Information*** can be found.

#### **SUPPLIER’S INFORMATION**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mandatory Technical Criteria	Where in the bid/arrangement the criteria can be found?	
	Document Name	Page No. where it is DEMONSTRATED in the bid
Manufacturer name:		Provide brochure or specification document
Model or product number:		
<b>2.2 Level 1 and 2 EVSE Mandatory Requirements</b>		
a) SAE J1772 compliant connector		
b) Supply Voltage (specify N/A if a level is not applicable):	Specify below for each applicable level (specify N/A if a level is not applicable):	
i. Level 1: 120V, 60 Hz		
ii. Level 2: 208V, 240V, 60 Hz		
c) Current: (specify N/A if a level is not applicable):	Specify below for each applicable level (specify N/A if a level is not applicable):	
i. Level 1:		
1) 12A		
2) 16A		
ii. Level 2:		
1) 12 A – 80 A (various options within this range)		
d) Minimum output power (specify N/A if a level is not applicable):	Specify below for each applicable level (specify N/A if a level is not applicable):	
i. Level 1: 1.4 kW		
ii. Level 2: 3.3 kW		
e) Mounting:	Specify below the applicable mounting (specify N/A if a type of mounting is not applicable):	
i. Wall mounted;		
ii. Pedestal/bollard mounted		
f) Ports:	Specify below the applicable ports (specify N/A if a type of port is not applicable):	
i. Single port;		
ii. Dual ports		
g) Operating temperature range: -30°C to +40°C		
h) Fixed holster for each connector when not in use		



i)	Housing minimum rating: Type 3R indoor/outdoor rated		
j)	Bilingual (English/French) interface and labeling		
k)	Provide proof of Accreditation to ensure that equipment is approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.		
l)	User access control, such as keypad, key card, key, etc.		
<b>2.3 Data Tracking</b>			
a)	All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.		
<b>2.8 Customer Service</b>			
	The offeror MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English <u>and</u> French.		
a)	Request are to be answered by email within 2 business days		
b)	Real-time assistance is to be provided from Monday to Friday, 8h to 17h (local time of region where station is installed)		

## APPENDIX B2 - OPTIONAL REQUIREMENTS

### GROUP 2 – LEVEL 1 AND LEVEL 2 NON-NETWORKED EVSE

Instructions:

1. Please fill out the table with the required information per model being offered.
2. If more models are being offered, please complete another table in an additional sheet.

Optional Requirements	Model 1	Model 2	Model 3	Model 4
EVSE Manufacturer :				
EVSE Model Number:				
a) Level 2: Ability to also operate as a level 1. (Answer Yes or No)				
b) Lower operating temperature withstand of -50°C. (Answer Yes or No)				
c) Cable retracting system. (Answer Yes or No)				
d) Cable lengths to accommodate different configurations. (Specify the cable length)				
e) Mounting infrastructure to accommodate larger vehicles. (Answer Yes or No)				
f) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices. (Answer Yes or No)				

## **ANNEX C – SPECIFICATIONS**

### **GROUP 3 – DIRECT CURRENT (DC) FAST CHARGING**

#### **NETWORKED EVSE**

**Please note that this requirement does not include installation services.**

#### **1. Definitions:**

**Electric Vehicle Supply Equipment (EVSE):** a complete assembly consisting of conductors, connectors, devices, apparatus, and fittings installed specifically for the purpose of power transfer and information exchange between the branch circuit and an electric vehicle.

**Electric vehicle connector:** a device that, when electrically coupled to a mating device on the electric vehicle, establishes means for power transfer and information exchange between an electric vehicle and electric vehicle supply equipment.

**Networked Station:** An EVSE that has connection to a data network via cellular, Ethernet or Wi-Fi, and can receive commands from the network and transmit usage data such as, but not limited to: power consumption, location, time, length of charging session, payment id, usage and collection of payment.

**Non-networked Station:** An EVSE that can charge electric vehicles but does not transmit data to a network. It cannot be accessed remotely, and is not enabled for payment processing.

**Gateway Charging Station:** A networked charging station that can connect local stations with a remote network. One gateway station can be shared with a number of non- gateway ones to provide a connection to a remote network.

**Non-Gateway Station:** A charging station that can only communicate locally and requires the presence of a gateway station to communicate with a remote network for data transmission.

**Level 1 EVSE:** Electric vehicle supply equipment, which provides 1.4 kW (if supplied by a 15 A breaker) or 1.9 kW (if supplied from a 20 A breaker) power to electric vehicles at 120 V AC. It includes wall or pedestal mounted charging infrastructure with a J1772 cord set.

**Level 2 EVSE:** Electric vehicle supply equipment which provides between 3.3 kW to 19.2 kW of power to electric vehicles at 208 V or 240 V AC via a J1772 cord set. It includes wall or pedestal mounted infrastructure.

**Direct Current (DC) Fast Charging EVSE:** Electric vehicle supply equipment which provides power via direct current (DC) via a CHAdeMO or SAE-J1772 Combined Charging System (CCS) cord sets. It includes wall or pedestal mounted infrastructure and receives 3 phase input power at either 208 V, 480 V, or 600 V. Direct Current Fast Charge stations are able to deliver more power than level 1 or level 2 stations, charging vehicles more quickly. They range from 20 kW to 99 kW, with higher power (DC) Fast Charging EVSE capable of 100 kW and above.

## **2. Mandatory Requirements**

### **2.1 Electric Vehicle Compatibility**

The EVSE's MUST be compatible with all major commercially available electric vehicles sold in Canada.

### **2.2 DC Fast Charging EVSE**

- a) Connectors: CHAdeMO **and** SAE-J1772 Combined Charging System (CCS);
- b) Input voltage:
  - i. 600 V, 60 Hz,
  - ii. 208 V, 60 Hz;
  - iii. If submitting equipment which requires any other input voltage (such as 480 V), the vendor must indicate and provide a compatible transformer necessary for operation with either 600 V or 208 V supply. The cost for the transformer MUST be included in the unit price of the charger offered;
- c) Minimum output power: 24 kW;
- d) Efficiency: Minimum 95%;
- e) Power factor: Minimum 98%;
- f) Mounting:
  - i. Wall mounted;
  - ii. Pedestal/bollard mounted;
- g) Ports:
  - i. Single port;
  - ii. Dual ports;
- h) Operating temperature -30°C to +40°C;
- i) Fixed holster for each connector when not in use;
- j) Housing minimum rating: Type 3R indoor/outdoor rated;
- k) Bilingual (English/French) interface and labeling;
- l) Approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.;
- m) User access control, such as : keypad, key card, key, etc.; and
- n) Metering capabilities must be certified by Measurement Canada and are subject to their oversight and approval. Upon release of Measurement Canada technical standards, new equipment must meet these performance requirements.

### **2.3 Data Tracking**

All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.

### **2.4 Networked EVSE Requirements**

All networked EVSE MUST:

- a) Have a utility/revenue grade metering that meet Measurement Canada requirements; and
- b) Accept payment by major credit cards (Visa, MasterCard) .

### **2.5 Data Collection**

Networked EVSE MUST collect, at a minimum, each of the following data per charging session:

- a) Payment information;
- b) Station identification;
- c) Port number (for dual stations);

- d) Location address;
- e) Usage start and end times (including date);
- f) kWh consumed; and
- g) Cost

Security requirements, if applicable, will be specified in the resulting solicitation documentation.

## **2.6 Data Transmission**

All networked EVSE MUST be able to:

- a) Operate via the Open Charge Point Protocol (OCCP) Version 2.0 or later so that data can be communicated to various network providers. Open Charge Point Protocol Version 1.6 will be accepted only with Version 2.0(.1) security improvements implementation upgrade.
- b) Transmit collected data automatically to a central system via cellular signal (additional connectivity via Ethernet or Wi-Fi optional); and
- c) Store the data for a minimum one month locally in the event of network connection failure until network connectivity is restored transmitting locally stored data.

## **2.7 Data Services**

Data service subscription paid for on a yearly basis or in monthly installments as specified in the resulting solicitation documentation. Services must offer multiple user logins, and allow administrator users to login into a secure web-based portal to:

- a) Remotely configure EVSE options for pricing policies and driver access control of EVSE; and
- b) Review collected data, generate reports and download data.

## **2.8 Customer Service**

The supplier MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English and French to address hardware issues, network/connectivity issues and to support unit commissioning and account activation (if applicable). Request are to be answered within the following time frames:

- a) Email assistance: within 2 business days; and
- b) Real-time assistance: Monday to Friday, 8h to 17h (local time of region where station is installed)

## **2.9 Certification**

All electrical equipment MUST be approved for use in Canada. Each EVSE and its components must be certified for installation by an organization accredited by the Standards Council of Canada in accordance to applicable standards.

## **2.10 Manuals**

The supplier MUST provide the following manuals with each EVSE in both official languages English and French:

- a) Installation manual; and
- b) Operation and maintenance manual

### **2.11 EVSE Installation**

The supplier MUST, upon request, have a representative on site during the installation of EVSE to ensure the equipment is installed in accordance with the manufacturer's installation standards.

Security requirements for personnel, if applicable, will be specified in the resulting solicitation documentation.

### **3. Optional DC Fast Charging EVSE requirements**

- a) Lower operating temperature withstand of -50°C;
- b) Cable retracting system;
- c) Cable length options to accommodate different installation configurations;
- d) Mounting infrastructure to accommodate larger vehicles;
- e) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices; and
- f) Gateway charging stations.

## **Appendix C1 – Technical Information Questionnaire**

### **Group 3 – Direct Current (DC)**

#### **Fast Charging Networked EVSE**

This questionnaire covers technical information, which ***must*** be provided for evaluation of ***each model*** being offered. If more than one model is offered for this Group, a new Technical Information Questionnaire must be filled out.

Where the specification paragraphs below indicate “***Substantial Information***”, the “***Substantial Information***” describing completely and in detail how the requirement is met or addressed ***must*** be supplied for each requirement/specification. Simply repeating the statement contained in the RFSA is not sufficient.

The Supplier is required to indicate the document name/title and page number where the ***Substantial Information*** can be found.

#### **SUPPLIER’S INFORMATION**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mandatory Technical Criteria	Where in the bid/arrangement the criteria can be found?	
	Document Name	Page No. where it is DEMONSTRATED in the bid
Manufacturer name:		Provide brochure or specification document
Model or product number:		
<b>2.2 DC Fast Charging EVSE Mandatory Requirements</b>		
a) Connectors: CHAdeMO <u>and</u> SAE-J1772 Combined Charging System (CCS)		
b) Input voltage:	Specify below for applicable input voltage (specify N/A if a type is not applicable):	
i. 600 V, 60 Hz		
ii. 208 V, 60 Hz		
iii. If submitting equipment which requires any other input voltage (such as 480 V), the vendor must indicate and provide a compatible transformer necessary for operation with either 600 V or 208 V supply. The cost for the transformer MUST be included in the unit price of the charger offered.		
c) Minimum output power: 24 kW		
d) Efficiency: Minimum 95%		
e) Power factor: Minimum 98%		
f) Mounting:	Specify below the applicable mounting (specify N/A if a type of mounting is not applicable):	
i. Wall mounted;		
ii. Pedestal/bollard mounted		
g) Ports:	Specify below the applicable ports (specify N/A if a type of port is not applicable):	
i. Single port;		
ii. Dual ports		



h)	Operating temperature range: -30°C to +40°C		
i)	Fixed holster for each connector when not in use		
j)	Housing minimum rating: Type 3R indoor/outdoor rated		
k)	Bilingual (English/French) interface and labeling		
l)	Provide proof of Accreditation to ensure that equipment is approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.		
m)	User access control, such as keypad, key card, key, etc.		
<b>2.3 Data Tracking</b>			
a)	All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.		
<b>2.6 Data Transmission</b>			
a)	Operate via the Open Charge Point Protocol (OCCP) Version 2.0 or later so that data can be communicated to various network providers. Open Charge Point Protocol Version 1.6 will be accepted only with Version 2.0(.1) security improvements implementation upgrade.		
<b>2.8 Customer Service</b>			
	The offeror MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English <u>and</u> French.		
a)	Request are to be answered by email within 2 business days		
b)	Real-time assistance is to be provided from Monday to Friday, 8h to 17h (local time of region where station is installed)		

## APPENDIX C2 - OPTIONAL REQUIREMENTS

### GROUP 3 – DIRECT CURRENT (DC) FAST CHARGING NETWORKED EVSE

Instructions:

1. Please fill out the table with the required information per model being offered.
2. If more models are being offered, please complete another table in an additional sheet.

Optional Requirements	Model 1	Model 2	Model 3	Model 4
EVSE Manufacturer :				
EVSE Model Number:				
a) Lower operating temperature withstand of -50°C. (Answer Yes or No)				
b) Cable retracting system. (Answer Yes or No)				
c) Cable lengths to accommodate different configurations. (Specify the cable length)				
d) Mounting infrastructure to accommodate larger vehicles. (Answer Yes or No)				
e) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices. (Answer Yes or No)				
f) Gateway charging stations (Answer Yes or No)				

## **ANNEX D – SPECIFICATIONS**

### **GROUP 4 – DIRECT CURRENT (DC) FAST CHARGING**

#### **NON-NETWORKED EVSE**

**Please note that this requirement does not include installation services.**

#### **1. Definitions:**

**Electric Vehicle Supply Equipment (EVSE):** a complete assembly consisting of conductors, connectors, devices, apparatus, and fittings installed specifically for the purpose of power transfer and information exchange between the branch circuit and an electric vehicle.

**Electric vehicle connector:** a device that, when electrically coupled to a mating device on the electric vehicle, establishes means for power transfer and information exchange between an electric vehicle and electric vehicle supply equipment.

**Networked Station:** An EVSE that has connection to a data network via cellular, Ethernet or Wi-Fi, and can receive commands from the network and transmit usage data such as, but not limited to: power consumption, location, time, length of charging session, payment id, usage and collection of payment.

**Non-networked Station:** An EVSE that can charge electric vehicles but does not transmit data to a network. It cannot be accessed remotely, and is not enabled for payment processing.

**Gateway Charging Station:** A networked charging station that can connect local stations with a remote network. One gateway station can be shared with a number of non- gateway ones to provide a connection to a remote network.

**Non-Gateway Station:** A charging station that can only communicate locally and requires the presence of a gateway station to communicate with a remote network for data transmission.

**Level 1 EVSE:** Electric vehicle supply equipment, which provides 1.4 kW (if supplied by a 15 A breaker) or 1.9 kW (if supplied from a 20 A breaker) power to electric vehicles at 120 V AC. It includes wall or pedestal mounted charging infrastructure with a J1772 cord set.

**Level 2 EVSE:** Electric vehicle supply equipment which provides between 3.3 kW to 19.2 kW of power to electric vehicles at 208 V or 240 V AC via a J1772 cord set. It includes wall or pedestal mounted infrastructure.

**Direct Current (DC) Fast Charging EVSE:** Electric vehicle supply equipment which provides power via direct current (DC) via a CHAdeMO or SAE-J1772 Combined Charging System (CCS) cord sets. It includes wall or pedestal mounted infrastructure and receives 3 phase input power at either 208 V, 480 V, or 600 V. Direct Current Fast Charge stations are able to deliver more power than level 1 or level 2 stations, charging vehicles more quickly. They range from 20 kW to 99 kW, with higher power (DC) Fast Charging EVSE capable of 100 kW and above.

## **2. Mandatory Requirements**

### **2.1 Electric Vehicle Compatibility**

The EVSE's MUST be compatible with all major commercially available electric vehicles sold in Canada.

### **2.2 DC Fast Charging EVSE**

- a) Connectors: CHAdeMO **and** SAE-J1772 Combined Charging System (CCS);
- b) Input voltage:
  - i. 600 V, 60 Hz,
  - ii. 208 V, 60 Hz;
  - iii. If submitting equipment which requires any other input voltage (such as 480 V), the vendor must indicate and provide a compatible transformer necessary for operation with either 600 V or 208 V supply. The cost for the transformer MUST be included in the unit price of the charger offered;
- c) Minimum output power: 24 kW;
- d) Efficiency: Minimum 95%;
- e) Power factor: Minimum 98%;
- f) Mounting:
  - i. Wall mounted;
  - ii. Pedestal/bollard mounted;
- g) Ports:
  - i. Single port;
  - ii. Dual ports;
- h) Operating temperature -30°C to +40°C;
- i) Fixed holster for each connector when not in use;
- j) Housing minimum rating: Type 3R indoor/outdoor rated;
- k) Bilingual (English/French) interface and labeling;
- l) Approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.; and
- m) User access control, such as : keypad, key card, key, etc.

### **2.3 Data Tracking**

All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.

### **2.4 Customer Service**

The supplier MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English and French to address hardware issues, network/connectivity issues and to support unit commissioning and account activation (if applicable). Request are to be answered within the following time frames:

- a) Email assistance: within 2 business days; and
- b) Real-time assistance: Monday to Friday, 8h to 17h (local time of region where station is installed)

### **2.5 Certification**

All electrical equipment MUST be approved for use in Canada. Each EVSE and its components must be certified for installation by an organization accredited by the Standards Council of Canada in accordance to applicable standards.

## **2.6 Manuals**

The supplier **MUST** provide the following manuals with each EVSE in both official languages English and French:

- a) Installation manual; and
- b) Operation and maintenance manual

## **2.7 EVSE Installation**

The supplier **MUST**, upon request, have a representative on site during the installation of EVSE to ensure the equipment is installed in accordance with the manufacturer's installation standards.

Security requirements for personnel, if applicable, will be specified in the resulting solicitation documentation.

## **3. Optional DC Fast Charging EVSE requirements**

- a) Lower operating temperature withstand of -50°C;
- b) Cable retracting system;
- c) Cable length options to accommodate different installation configurations;
- d) Mounting infrastructure to accommodate larger vehicles; and
- e) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices.

## **Appendix D1 – Technical Information Questionnaire**

### **Group 4 – Direct Current (DC) Fast Charging**

#### **Non-Networked EVSE**

This questionnaire covers technical information, which ***must*** be provided for evaluation of ***each model*** being offered. If more than one model is offered for this Group, a new Technical Information Questionnaire must be filled out.

Where the specification paragraphs below indicate “***Substantial Information***”, the “***Substantial Information***” describing completely and in detail how the requirement is met or addressed ***must*** be supplied for each requirement/specification. Simply repeating the statement contained in the RFSA is not sufficient.

The Supplier is required to indicate the document name/title and page number where the ***Substantial Information*** can be found.

#### **SUPPLIER’S INFORMATION**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mandatory Technical Criteria	Where in the bid/arrangement the criteria can be found?	
	Document Name	Page No. where it is DEMONSTRATED in the bid
Manufacturer name:		Provide brochure or specification document
Model or product number:		
2.2 DC Fast Charging EVSE Mandatory Requirements		
a) Connectors: CHAdeMO <u>and</u> SAE-J1772 Combined Charging System (CCS)		
b) Input voltage:	Specify below for applicable input voltage (specify N/A if a type is not applicable):	
i. 600 V, 60 Hz		
ii. 208 V, 60 Hz		
iii. If submitting equipment which requires any other input voltage (such as 480 V), the vendor must indicate and provide a compatible transformer necessary for operation with either 600 V or 208 V supply. The cost for the transformer MUST be included in the unit price of the charger offered.		
c) Minimum output power: 24 kW		
d) Efficiency: Minimum 95%		
e) Power factor: Minimum 98%		
f) Mounting:	Specify below the applicable mounting (specify N/A if a type of mounting is not applicable):	
i. Wall mounted;		
ii. Pedestal/bollard mounted		
g) Ports:	Specify below the applicable ports (specify N/A if a type of port is not applicable):	
i. Single port;		
ii. Dual ports		
h) Operating temperature range: -30°C to +40°C		

i)	Fixed holster for each connector when not in use		
j)	Housing minimum rating: Type 3R indoor/outdoor rated		
k)	Bilingual (English/French) interface and labeling		
l)	Provide proof of Accreditation to ensure that equipment is approved for use in Canada, meaning equipment has been certified by a certification organization accredited by the Standards Council of Canada in accordance with the applicable standards ex: CSA, cUL, cETL etc.		
m)	User access control, such as keypad, key card, key, etc.		
<b>2.3 Data Tracking</b>			
a)	All EVSE (networked and non-networked) MUST be capable of tracking kWh usage for a minimum of one month for reporting purposes.		
<b>2.8 Customer Service</b>			
	The offeror MUST provide access to customer service via e-mail and via real time assistance over a toll free number in English <u>and</u> French.		
a)	Request are to be answered by email within 2 business days		
b)	Real-time assistance is to be provided from Monday to Friday, 8h to 17h (local time of region where station is installed)		



## APPENDIX D2 - OPTIONAL REQUIREMENTS

### GROUP 4 – DIRECT CURRENT (DC) FAST CHARGING NON-NETWORKED EVSE

Instructions:

1. Please fill out the table with the required information per model being offered.
2. If more models are being offered, please complete another table in an additional sheet.

Optional Requirements	Model 1	Model 2	Model 3	Model 4
EVSE Manufacturer :				
EVSE Model Number:				
a) Lower operating temperature withstand of -50°C. (Answer Yes or No)				
b) Cable retracting system. (Answer Yes or No)				
c) Cable lengths to accommodate different configurations. (Specify the cable length)				
d) Mounting infrastructure to accommodate larger vehicles. (Answer Yes or No)				
e) Reach range to satisfy the latest applicable version of CAN/CSA-B651.2 Accessible Design for Self-Service Interactive Devices. (Answer Yes or No)				

## **ANNEX E – MANUFACTURER'S AUTHORIZATION LETTER TEMPLATE**

**Reference: E60HN-21EVSE/B**

**Date:**

Public Works and Government Services Canada  
Acquisitions Branch  
HN Division  
140 O'Connor Street  
Ottawa, ON, K1A 0S5  
Canada

Attention: Veronica Vallejo

This letter certifies that **(insert Supplier's Company Name)** is an authorized dealer of **(insert Manufacturer's Company Name)** products and is approved to supply the Government of Canada with Electric Vehicle Supply Equipment (EVSE) through the Request for Supply Arrangements E60HN-21EVSE/B.

The Supplier named above is authorized to sell, deliver and provide post-sales service support for the above named manufacturer's products across Canada under the following Group (s). **(select one or more groups as applicable)**

Group 1 – Level 1 and Level 2 Networked EVSE

Group 2 – Level 1 and Level 2 Non-Networked EVSE

Group 3 – Direct Current (DC) Fast Charging Networked EVSE

Group 4 – Direct Current (DC) Fast Charging Non-networked EVSE

Sincerely,

**[Signature]**

Name of Manufacturer's Authorized Representative:	
Title:	
Phone number:	
E-mail address:	