# Technical Application Form

Below is the Technical Application Form. Applicants should complete all information.

**Note: All submitted PDF files shall be searchable. Any application that contains a PDF that is obfuscated may be deemed non-responsive.**

| 1.
 | Applicant Information |
| --- | --- |
|  | Federal Tax ID Number: |  |
|  | Applicant Business Name: |  |
|  | Applicant ND Business License Number: |  |
|  | Unique Entity Identifier (UEI): |  |
|  | Mailing Address: |  |
|  | City |  |
|  | Contact Person Name (Authorized agent for all application and communication purposes): |  |
|  | Title: |  |
|  | Telephone Number: |  |
|  | Email Address: |  |

|  | Proposed Site Location Details |
| --- | --- |
|  | Distance to AFC and nearest interstate interchange (provide measurements with a resolution of 0.01 mile), as defined in Attachment 1, Technical Requirements  |  |
|  | Interstate interchange number |  |
|  | Latitude: |  |
|  | Longitude:  |  |
| Note: The coordinates above shall indicate the location of the driving point of entry (curb cut) to the charging station, as defined in 23 CFR 680.104  |
|  | Provide the parcel number for the charging station:  |  |
|  | Site Name:  |  |
|  | Physical Address:  |  |
|  | City:  |  |
|  | County:  |  |
|  | Zip Code: |  |

|  | Site Host Information |
| --- | --- |
|  | Site owner (Entity) legal name and d/b/a:  |  |
|  | Is the site owner the same as the site host? (Yes or No) |  |
|  | Site host (Entity) legal name and d/b/a:(If the site host is different than the site owner)  |  |

|  |  |
| --- | --- |
|  | Applicant Background, Experience, and Team Organization   |
| Applicant Team Organization: Complete the chart below, providing a description of the proposed team structure for the project. At a minimum, the roles identified below MUST have a responsible team member and organization identified and their experience and qualifications to hold that role MUST be detailed. Additional rows may be added for any additional roles the Applicant wants to identify. NOTE: If awarded, staff listed below are required to work on the project in the roles identified. NDDOT must be notified of any changes to staff. |
| Role  | Responsible Team Member | Organization Name  | Experience and Qualifications |
| Site Host | N/A |  |  |
| Property Owner | N/A |  |  |
| EVSE Station Operator and owner | N/A |  |  |
| Hardware Supplier | N/A |  |  |
| Network Operator | N/A |  |  |
| Site Design | N/A |  |  |
| Site Construction | N/A |  |  |
| O&M | N/A |  |  |
| Customer Service Line | N/A |  |  |
| Project Manager for Construction |  |  |  |
| Project Manager for O&M |  |  |  |
| Coordination with Utilities |  |  |  |
| Obtaining Permits |  |  |  |
| Coordination and Submittal of all Deliverables Outlined in Scope of Work  |  |  |  |
| Davis Bacon Act Compliance |  |  |  |
| Build America, Buy America Act Compliance |  |  |  |
| NEVI Reporting to EV-ChART |  |  |  |
| Financial Oversight of Project |  |  |  |
| Coordination of NEPA Clearance  |  |  |  |

|  |  |
| --- | --- |
|  | Any additional team information: |
|  | Has the Applicant, or any team member, had experience with other Title 23 funding and federal programs?☐ Yes ☐ No*If yes, provide additional detail demonstrating experience (required):* |
|  | Has the Applicant, or any team member, had experience with Davis-Bacon Act compliance?☐ Yes ☐ No*If yes, provide additional detail demonstrating experience (required):*  |
|  | Has the Applicant, or any team member, had experience with Build America, Buy America Act compliance?☐ Yes ☐ No*If yes, provide additional detail demonstrating experience (required):* |
|  | Has the Applicant, or any team member, had experience with State Funded Government Projects?☐ Yes ☐ No*If yes, provide additional detail demonstrating experience (required):* |

|  | APPROACH TO PROJECT MANAGEMENT |
| --- | --- |
| Describe the approach to the project management in the areas below. |
|  | Change and Risk Management: |
|  | Schedule Management:  |
|  | Customer Service: |
|  | Safety and Reporting: |
|  | Any additional project management information: |

|  | Prior Experience and Performance  |
| --- | --- |
| Complete the following table with prior experience of all team members related to EV charging sites that have 50 kW or higher ports. Charger up‑time per port shall be computed using the formula defined in 23 CRF 680.116(b)(3) and provided as a combined average for all ports per location. Additional lines may be added to the table. |
| Team Member | Street Address, City, State, ZIP | Publicly Accessible(Y/N) | EVSE Operational Start Date(MM/YYYY) | Power Level (kW) | Number of Ports | Charger Up- Time (%)in Previous 12 Months |
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|  | GENERAL PROJECT APPROACH AND UNDERSTANDING |
| --- | --- |
| Describe the general project approach and understanding in the areas described below. |
|  | Describe how the applicant plans to maintain compliance with requirements, including reporting: |
|  | Provide an estimated project schedule: |
|  | Describe the proposed EVSE, including the proposed warranties and parts replacement program. Describe how NACS connectors will be incorporated into the project. In addition, attach specification cut sheets for EVSE that clearly identifies the following information per port: power, output current, output voltage, ambient operating temperature, and enclosure environmental rating. The cut sheets will not count toward the page limit.  |
|  | Provide a diagram of the proposed EV charging equipment and electrical connections including equipment power and/or energy ratings, as applicable. Include the utility transformer, charging cabinet(s), dispensers, connectors, batteries, solar panel(s), and any other proposed electrical equipment in the diagram, as applicable. The diagram should clearly indicate any power sharing arrangement between ports such that the power available per port can be determined based on the number of ports in use. The definition of charger, charging port, and connector shall be as defined in 23 CFR 680.104. |
|  | Any additional information on project approach and understanding: |
|  | What is the planned grid capacity in kW?Are you using a Battery Energy Storage System?☐ Yes ☐ No If Yes:Is the battery shared among all ports?☐ Yes ☐ No What is the size of the battery per port in kWh?What is the overall size of the battery in kWh?Does the above comply with Technical Requirement 2.8 as detailed in Attachment 1 – Technical Requirements?☐ Yes ☐ No  |

|  | APPROACH TO PERMITTING AND UTILITY COORDINATION |
| --- | --- |
| Describe the proposed approach to permitting and utility coordination in the areas described below. |
|  | Describe approach to permitting and the anticipated permits required: |
|  | Describe approach to coordinating with utilities:Has utility confirmed it will provide service? ☐ Yes ☐ No |
|  | Information on grid capacity (e.g., verified circuit capacity from utility): |
|  | Power availability location (on-site or off-site) and type of service (3-Phase or Single Phase): |
|  | Expected utility upgrades required: |
|  | Any additional information on approach to permitting and utility coordination: |

|  | APPROACH TO OPERATIONS AND MAINTENANCE |
| --- | --- |
| Describe the proposed approach to operations and maintenance in the areas described below. |
|  | Describe approach to O&M:  |
|  | Describe how EV charging prices will be established, taking NEVI requirements into account: |
|  | Describe approach to O&M beyond year 5, after the NEVI program concludes: |
|  | Describe approach to snow removal: |
|  | Any additional information on approach to operations and maintenance: |

|  | APPROACH TO CYBERSECURITY AND DATA MANAGEMENT |
| --- | --- |
| Describe the proposed approach to cybersecurity and data management in the areas described below. |
|  | Describe approach to cybersecurity and data management, ensuring compliance with the agreement: |
|  | Any additional information on approach to cybersecurity and data management: |

|  | PROPOSED SITE DETAILS, DESIGN, AND LAYOUT |
| --- | --- |
| Describe the approach to each item below and clearly identify each item in a preliminary site design and layout attached to this application. The preliminary site design and layout shall be clear and legible and must include a 1,000-foot walking radius centered at the charging ports. All items must be within 1,000-foot walking distance. |
|  | Vehicular Access Area (must be identified on both area map and proposed layout)☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Site upgrades required to meet compliance with requirements☐ Existing ☐ Proposed/Modifications*Provide additional detail (required):* |
|  | EV charging designated charging spaces☐ Existing ☐ Proposed/Modifications*Provide additional detail (required):* |
|  | ADA-compliant EV charging parking spaces☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | EV Charge Ports (using the definitons in 23 CFR 680.104)☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Electrical Infrastructure☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Restrooms☐ Existing ☐ Proposed/Modifications Hours of availability:*Provide additional detail (required):* |
|  | Lighting☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Trash Receptacles☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Site Signage (must be identified on both area map and proposed layout)☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Cell Phone Service Coverage ☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required):* |
|  | Physical Security☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required):* |
|  | Emergency Shut Off☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required):* |
|  | Snow Removal☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required):* |
|  | Any additional information on proposed site design and layout, including any additional amenities not already outlined: |

|  | AREA MAP |
| --- | --- |
| Describe the approach to each item below and clearly identify each item in an area map attached to this application. The area map shall be clear and legible and include details that show the site location in relation to the AFC, indicating the distance from the interchange to the site as defined in the NOFO. |
|  | Vehicular Access Area (must be identified on both area map and proposed layout)☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |
|  | Site Signage (must be identified on both area map and proposed layout)☐ Existing ☐ Proposed/Modifications *Provide additional detail (required):* |

|  | PRIMARY AMENITIES |
| --- | --- |
| If included in the proposal, describe the approach to each item below and clearly identify each item in the preliminary site design and layout attached to this application. Amenities must be within 1,000-foot walking distance. |
|  | 24/7 Access to Restroom ☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Access to Food and Drink Hours of availability:☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | On-Site Retail ☐ Existing ☐ Proposed ☐ N/AHours of availability:*Provide additional detail (required if existing or proposed):* |
|  | Canopy Above Chargers ☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Space for Pull-through Passenger Trucks Pulling Trailers☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |

|  | ADDITIONAL AMENITIES |
| --- | --- |
| If included in the proposal, describe the approach to each item below and clearly identify each item in the preliminary site design and layout attached to this application. Amenities must be within 1,000-foot walking distance. |
|  | Playground Area ☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Seating/benches☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Additional Parking Spaces for Overflow ☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |

|  | Approach to Site Resiliency |
| --- | --- |
| If included in the proposal, describe the approach to each item below and clearly identify each item in the preliminary site design and layout attached to this application. |
|  | Back-up Power☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Underground Lines/Conduits on Utility Feed☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Energy Storage ☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Future Proofing (must include construction of element to support future proofing)☐ Existing ☐ Proposed ☐ N/A*Provide additional detail (required if existing or proposed):* |
|  | Any additional information on approach to site resiliency: |

|  | APPROACH TO INNOVATION |
| --- | --- |
|  | If included in the proposal, describe your proposed approach to site innovation, including innovations that may reduce costs or bring additional value to EV drivers and the project: |
|  | Provide the supported output voltage range of the EV charging equipment:Minimum voltage supported:Maximum voltage supported: |
|  | Provide the supported operating ambient temperature range in degrees Fahrenheit.Minimum ambient temperature supported:Maximum ambient temperature supported: |

|  | Approach to Workforce, Equity, and Rural Considerations |
| --- | --- |
| Describe the proposed approach to workforce, equity, and rural considerations in the areas described below. |
|  | Describe approach to recruiting, training, and maintaining a qualified workforce, per the requirements of the NOFO: |
|  | Project is located in a Justice 40 (J40) or Disadvantaged Community (DAC): ☐Yes ☐ No*Provide additional detail (required):* |
|  | Describe approach to equity and DAC considerations including any current or future engagement and outreach efforts that include the groups and individuals identified as a DAC: |
|  | Describe approach to rural considerations, including any mitigation to known rural risks and challenges to implementing charging infrastructure for this project:  |
|  | Any additional information on workforce, equity, and rural considerations:  |

|  | Administrative RESPONSIVENESS CHECK |
| --- | --- |
| Requirement | **Requirement Met (Applicant to Complete)** | **Document and application page where confirmation of requirement can be found** |
|  | Application is submitted by the application deadline and in the format outlined by the NOFO | ☐ Yes  ☐ No |  |
|  | Application includes a completed letter from the site owner, as defined | ☐ Yes  ☐ No |  |
|  | Application includes an organizational chart, as defined | ☐ Yes  ☐ No |  |
|  | Application includes specification cut sheets for all proposed EV charging equipment | ☐ Yes  ☐ No |  |
|  | Application includes a preliminary site design and layout, as defined | ☐ Yes  ☐ No |  |
|  | Application includes an Area Map, as defined | ☐ Yes  ☐ No |  |
|  | Application includes signed Federal Form 1273 | ☐ Yes  ☐ No |  |
|  | Application includes acknowledgement of all issued addendums | ☐ Yes  ☐ No |  |
|  | All sections of Attachment 3, Technical Application Form, are completed | ☐ Yes  ☐ No |  |
|  | All inputs required in Attachment 4, Cost Proposal Form, are provided | ☐ Yes  ☐ No |  |
|  | Applicant does not appear on any list of suspended or debarred individuals or entities, as defined by the state of North Dakota | ☐ Yes  ☐ No | NA |
|  | Applicant is not barred or suspended from consideration for work with the federal government and does not appear on the Federal Excluded Parties List | ☐ Yes  ☐ No | NA |
|  | Applicant is registered to do business in the state of North Dakota and has provided Applicants Federal Tax ID Number within the application | ☐ Yes  ☐ No |  |
|  | Applicant has provided Applicant’s unique entity identifier within the application  | ☐ Yes  ☐ No |  |
|  | At least 20 percent non-federal match is provided by other sources | ☐ Yes  ☐ No |  |

|  | Technical Responsiveness Check |
| --- | --- |
| Requirement | **Requirement Met (Applicant to Complete)** | **Document and application page where confirmation of requirement can be found** |
| SITE REQUIREMENTS |
|  | The EV charging site is within 1.0 mile of driving distance between the end of at least one off-ramp at the AFC interchange and the entrance to the charging station | ☐ Yes  ☐ No |  |
|  | Charging is publicly available 24 hours a day, 365 days a year | ☐ Yes  ☐ No |  |
|  | Site includes at least one ADA-compliant parking space with access to the EV charging infrastructure | ☐ Yes  ☐ No |  |
|  | Site includes ADA-accessible restrooms, per technical requirements | ☐ Yes  ☐ No |  |
| EV Charger REQUIREMENTS |
|  | EVSE supports at least 150 kW per port simultaneously across all ports for continuous charging and has minimum station power capability at 600 kW, or above if more than four ports are proposed (the definitions of ports and connectors shall be the same as 23 CFR 680.104) | ☐ Yes  ☐ No | NA |
|  | EVSE has minimum of four direct current fast charging (DCFC) ports (the definition of ports shall be the same as 23 CFR 680.104) | ☐ Yes  ☐ No | NA |
|  | EVSE has the capacity to deliver direct current (DC) output up to at least 350 amps (ADC) | ☐ Yes  ☐ No |  |
|  | EVSE is capable of operating at an ambient temperature range of minus 22 degrees to 122 degrees Fahrenheit | ☐ Yes  ☐ No |  |
|  | EVSE enclosures have a minimum rating of IP54 or equivalent | ☐ Yes  ☐ No |  |
|  | EVSE has the ability to provide DC output voltages somewhere within the range of 250–920 volts (VDC) | ☐ Yes  ☐ No |  |
|  | All EVSE includes combined charging system (CCS1) connectors capable of simultaneously DC fast charging all ports continuously  | ☐ Yes  ☐ No |  |
|  | Proposal includes assurances that Applicant will include North American Charging Standard (NACS) connectors, per technical requirements | ☐ Yes  ☐ No |  |
|  | EVSE has been certified by an OSHA NRTL to the appropriate UL standards.  | ☐ Yes  ☐ No |  |
|  | EVSE meet the Minimum Power Supply and Battery Energy Storage System Requirements per Attachment 1 | ☐ Yes  ☐ No |  |
| Miscellaneous REQUIREMENTS |
|  | EVSE site meet all requirements of the NOFO and 23 CFR 680 | ☐ Yes  ☐ No |  |

# CERTIFICATION

Before certifying the accuracy of this application, please review the entire NOFO and attachments, as well as all required documentation and narrative information below. In addition, all Applicants must include acknowledgement of all issued addendums, per the instructions detailed in the addendum. Ensure all required submittals have been completed prior to emailing your submission to *dotnevi@nd.gov* by August 9th, 2025, 5pm Central Time.

## Required Documentation and Narrative Information

1. Attachment 3, Technical Application Form (PDF format) with all parts completed
	* Organizational chart
	* EVSE cut sheets
	* EV charging equipment connection diagram
	* Preliminary site design and layout
	* Area map
2. Attachment 4, Cost Proposal Form (Excel format) with all parts completed
3. Letter from the site host
4. Acknowledgement of FHWA Form 1273
5. Acknowledgement of all issued addenda

The undersigned is an official authorized to represent the applying organization. The person signing this document must have the authority to contractually bind the organization or be the designated fiscal agent.

## Certification

I certify that if awarded, all proposed activities will be carried out, that all money received will be utilized solely for the purposes for which it is intended, that records documenting the planning process and implementation will be maintained and submitted when requested, and NDDOT is hereby granted access to inspect project sites and/or records.

I acknowledge I have thoroughly examined the Request for Proposals and, to the best of my knowledge and belief, all information included in this application is true and accurate, including the commitment of all physical and financial resources. This application has been duly authorized by the applying organization. I understand that intentionally providing false information in this application may result in criminal prosecution and may be a reason to reject my application.

If funding is awarded for the project described in this application, I understand that an executed agreement between the Applicant and NDDOT is required before the project can be started, costs incurred, or such funding authorized for use in implementing the project.

I certify under penalty of perjury and pursuant to the laws of the state of North Dakota that the preceding is true and correct.

Applicant (Legally Responsible Entity): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Authorized Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name/Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_