

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



INSTRUCTIONS

Fill out form completely and sign. Please submit one electronic copy of the completed application including required attachments to ndeq.vwsettlement@nebraska.gov. While electronic submissions are preferred, paper applications may be submitted to:

Nebraska Diesel Emission Mitigation Program
 Nebraska Department of Environment and Energy
 P.O. Box 98922
 Lincoln, NE 68509-8992

Applications must be received by the Department on or before 5:00 pm Friday, November 15. Late applications will not be accepted.

More information is provided in the Program Description, available at: <http://dee.ne.gov/NDEQProg.nsf/OnWeb/AirVW>.

Please direct questions to Randy Smith: randy.smith@nebraska.gov, or 402-471-4272.

NOTE: Applications for this program will be available for public examination through the State of Nebraska Public Records Search.

APPLICANT INFORMATION			
Business or Organization Name		Eligible Applicant Type:	
Project Manager		<input type="checkbox"/> Business <input type="checkbox"/> Nonprofit Organization <input type="checkbox"/> Government (Federal, State, Local, Tribal) <input type="checkbox"/> Public Utility <input type="checkbox"/> Metropolitan Transportation Planning Org.	
Applicant Street/Mailing Address	City/Town	State	Zip
Applicant E-mail Address		Applicant Phone Number	

PROJECT SUMMARY			
Project Name			
Brief Project Description			
Charging Station Type: <input type="checkbox"/> DC Fast Charging <input type="checkbox"/> Level 2 Only	Total Project Cost	NDEE Funding Requested	Applicant's Match Amount

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
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PROPOSED CHARGING SITE
 Copy and fill out this form for each separate charging station location covered by the application.

Site Name			
Site Street Address	City/Town	State NE	
Name of Site Owner			
Site Owner Street Address	City/Town	State	Zip
Type of Charging Station Location (check all that apply)			
<input type="checkbox"/> Highway Corridor U.S./State Highway Number: _____ Driving Distance from site to highway: _____ miles <input type="checkbox"/> Hotel/Motel <input type="checkbox"/> Public Community/Retail Site <input type="checkbox"/> Tourist Destination <input type="checkbox"/> Workplace			
Number of Chargers to be Installed at Site:			
_____ DC Fast Chargers with modular power source		Charger Power _____ kW	
_____ DC Fast Chargers without modular power source		Charger Power _____ kW	
_____ Level 2 Chargers with Single Charging Connector		_____ Level 2 Chargers with Two Charging Connectors	
Additional Infrastructure Planned:			
<input type="checkbox"/> Battery storage <input type="checkbox"/> Solar-voltaic power system <input type="checkbox"/> Level 2: electrical infrastructure allowing future installation of additional charger			
For Public Charging Sites: _____ Num. of Hours Per Day Site Accessible to Public		For Workplace Charging Sites: _____ Num. of Chargers Accessible to the Public at least 8 Hrs per Day	
List Nearby Public Amenities (e.g. restaurants, retail businesses, tourist destinations) and Distances from Charging Site:			
List Any Community or Private Partners:		Electric Utility Serving Charging Site:	
For this site attach the following:			
<input type="checkbox"/> Local map or aerial photo annotated to show charging site and locations of amenities <input type="checkbox"/> For Highway Corridor Site, map showing charging site and route/distance to the highway <input type="checkbox"/> Electric utility assessment of required service upgrades and/or changes to lines or transformers <input type="checkbox"/> If applicant is not the site owner, signed Letter from site owner approving application			

**2019 ELECTRIC VEHICLE
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CHARGING EQUIPMENT BIDS/QUOTES

Provide a summary of bids/quotes from three vendors for the charging equipment, data network plans, and warranty/maintenance plans in the table below in order of aggregate cost. Indicate which bid has been chosen. Attach copies of the bids/quotes to the application.

Lowest Bid Vendor Name: _____

Item	Model #	Cost
List Charging Equipment:		
List 5-Year Data Network Plan(s):		
List 5-Year Warranty/Maintenance Plan(s):		
Is this the chosen bid? <input type="checkbox"/> Yes <input type="checkbox"/> No	TOTAL COST:	

2nd Lowest Bid Vendor Name: _____

Item	Model #	Cost
List Charging Equipment:		
List 5-Year Data Network Plan(s):		
List 5-Year Warranty/Maintenance Plan(s):		
Is this the chosen bid? <input type="checkbox"/> Yes <input type="checkbox"/> No	TOTAL COST:	

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



CHARGING EQUIPMENT BIDS/QUOTES (CONTINUED)		
Highest Bid Vendor Name:		
Item	Model #	Cost
List Charging Equipment:		
List 5-Year Data Network Plan(s):		
List 5-Year Warranty/Maintenance Plan(s):		
Is this the chosen bid? <input type="checkbox"/> Yes <input type="checkbox"/> No	TOTAL COST:	
Reimbursement will be based on the lowest bid/quote. If the lowest bid/quote was not chosen, please explain why:		
If three bids/quotes were not obtained, please explain why:		

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



BIDS/QUOTES FOR CHARGING EQUIPMENT INSTALLATION

Provide a summary of bids/quotes from three licensed electrical contractors for installation of the electric vehicle charging equipment, in order of aggregate cost. Indicate which bid has been chosen. Attach copies of the bids/quotes to the application.

Lowest Bid Vendor Name: _____

Item	Cost

Is this the chosen bid? Yes No **TOTAL COST:** _____

2nd Lowest Bid Vendor Name: _____

Item	Cost

Is this the chosen bid? Yes No **TOTAL COST:** _____

Highest Bid Vendor Name: _____

Item	Cost

Is this the chosen bid? Yes No **TOTAL COST:** _____

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



BIDS/QUOTES FOR CHARGING EQUIPMENT INSTALLATION (CONTINUED)

Reimbursement will be based on the lowest bid/quote. If the lowest bid/quote was not chosen, please explain why:

If three bids/quotes were not obtained, please explain why:

BIDS/QUOTES FOR SIGNS AND PAVEMENT PAINT/STENCILING

Provide a summary of bids/quotes from three vendors for installation of EV charging signs and EV parking space paint/stenciling, if not included in the work by the electrical contractor above.

Lowest Bid Vendor Name: _____

Item	Cost

Is this the chosen bid? Yes No TOTAL COST: _____

2nd Lowest Bid Vendor Name: _____

Item	Cost

Is this the chosen bid? Yes No TOTAL COST: _____

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



BIDS/QUOTES FOR SIGNS AND PAVEMENT PAINT/STENCILING (CONTINUED)

Highest Bid Vendor Name:		
Item	Cost	
Is this the chosen bid? <input type="checkbox"/> Yes <input type="checkbox"/> No	TOTAL COST:	
Reimbursement will be based on the lowest bid/quote. If the lowest bid/quote was not chosen, please explain why:		
If three bids/quotes were not obtained, please explain why:		

COSTS FOR ELECTRIC SERVICE UPGRADES

Provide a list of electric utility service upgrades required to service the installed charger(s), with their estimated costs.

Item	Cost
TOTAL COST:	

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



BUDGET SUMMARY		
Enter amounts for eligible project costs from selected vendors and contractors for each type of planned charging site.		
Budget Category	Costs for DC Fast Charging Site (including Level 2 chargers at same site)	Costs for Level 2 Charging Site
EV Charging Equipment including 5-year data network and warranty/service plans		
Charging Equipment Installation by Licensed Electrical Contractor		
Signs and Pavement Paint/Stenciling (if not included with Equipment Installation)		
Electric Utility Service Upgrades		
TOTAL DIRECT COSTS		
Administrative Costs (maximum 5% of Total Direct Costs)		
TOTAL ELIGIBLE PROJECT COSTS		
Minimum Required Applicant Match Amount:	20% of Total Project Costs:	50% of Total Project Costs:
Proposed Applicant Match Amount:		
Funds Requested from NDEE by Site Type:		
TOTAL FUNDS REQUESTED FROM NDEE		
Please describe the source(s) and amounts of funds providing the applicant match:		

**2019 ELECTRIC VEHICLE
CHARGING REBATE PROGRAM
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ACKNOWLEDGEMENT OF GENERAL PROJECT REQUIREMENTS

Check the boxes below to acknowledge that you have read and understand the general requirements for EV charging equipment projects as set forth by the Nebraska Department of Environment and Energy (NDEE).

- Applicants must submit at least three dated, written cost estimates/bids for any equipment, contractual services, or purchases of supply items costing \$2,000 or more.
- If the application is approved, the rebate amount will be based on the lowest-cost estimate/bid submitted.
- Recipients may select a higher cost estimate/bid, but reimbursement will be for the lowest cost estimate/bid submitted.
- Successful applicants must sign a Project Agreement with NDEE.
- Upon receipt of the signed Project Agreement, NDEE will issue a Commence Work Notification.
- Expenses incurred prior to issuance of the Commence Work Notification will not be eligible for reimbursement.
- Recipients will have up to two years from the date of the Commence Work Notification to complete the project.
- The rebate recipient will pay all project costs as they are incurred.
- Upon completion of the project, the recipient will submit a reimbursement request to the Department including proof that project invoices have been paid and project work has been completed.
- Rebate payments will be made after the work is completed, verified, and approved. Verification may occur through a site visit by NDEE staff to test the equipment and photograph the completed installation.
- NDEE will maintain an ownership interest in the charging equipment for a period of 5 years after payment of the rebate. The recipient will gain unrestricted ownership after this period expires unless the recipient was required to surrender the equipment.

ACKNOWLEDGEMENT OF SITE REQUIREMENTS

Check the boxes below to acknowledge that you have read and understand the site requirements for EV charging equipment projects as set forth by the Nebraska Department of Environment and Energy (NDEE).

- Charging sites must be located within the State of Nebraska to be eligible for a rebate.
- Site development, equipment installation, and maintenance shall be done in compliance with all applicable laws, ordinances, regulations, and standards including, but not limited to, the Americans with Disabilities Act (ADA).
- All electrical work must be performed by electrical contractors licensed in the state of Nebraska.
- If the property/site is not owned by the applicant, the applicant must provide a signed letter from the landowner indicating approval of the project.

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



- Successful applicants must obtain a site host agreement signed by the site owner assuring that the charging station will remain at the site and have the opportunity to remain operational for a minimum of 5 years. The Department will not issue a Commence Work Notification until a site host agreement is received for each site in the application.
- Public access sites must be easily accessible 24 hours per day and 7 days per week and adequately lit from dusk to dawn.
- Public access sites must be clearly identified by signage that directs users to the site and appropriate parking spaces.
- Sites must include at least one designated parking stall for each charger (or one parking stall per charging connector for dual-connector Level 2 chargers).
- Each charger parking stall must have “Electric Vehicle Charging Only” signs on either side of the charger.
- Each charger parking stall must have pavement stripes and “Electric Vehicle Charging Only” stenciled on the pavement.
- The site owner must make reasonable efforts to ensure that the charger parking stalls are only utilized by EVs being charged.
- Upon completion of the project, the recipient must register each charging site location with the Alternative Fuels Data Center Station Locator tool at <https://afdc.energy.gov>.

ACKNOWLEDGEMENT OF GENERAL CHARGING EQUIPMENT REQUIREMENTS

Check the boxes below to acknowledge that you have read and understand the general requirements for EV charging equipment as set forth by the Nebraska Department of Environment and Energy (NDEE).

- Networking:** Charging equipment must be connected to a network by Wi-Fi or cellular connection. Recipients must maintain appropriate charging network service that includes capabilities for remote diagnostics, remote start of the equipment, and collecting and reporting usage data.
- Certification:** Charging equipment must be certified through one of the following options:
 - Underwriter’s Laboratories UL 2594 (Standard for Electric Vehicle Supply Equipment). DC fast charging equipment must be certified (listed and labeled) to UL 2202 (Standard for Electric Vehicle Charging System Equipment).
 - International Electrotechnical Commission (IEC) 61851 (Electric Vehicle Conductive Charging System) and IEC 62196 (Plugs, Socket-outlets, Vehicle Connectors, and Vehicle Inlets – Conductive Charging of Electric Vehicles).
- Enclosure:** The charging equipment enclosure must be constructed for use outdoors in accordance with UL 50E Standard for Safety for Enclosures for Electrical Equipment.

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



- Cord Management:** Charging equipment must include a cord management system to eliminate potential for cord entanglement, user injury, or connector damage from cords lying on the ground.
- Environmental:** The charging equipment must be capable of operating without any decrease in performance over an ambient temperature range of -22 to +122 degrees Fahrenheit with a relative humidity of up to 95%.
- Warranty:** All charging equipment must have a minimum 5-year warranty and maintenance plan and be kept in full working order at least 95% of each year. Should repair be necessary, charging units must be fully operational within 72 hours of equipment issue/breakdown.
- Insurance:** After installation, the recipient must provide the Department with proof that the charging equipment is covered by an insurance policy for damage, vandalism, and theft.

ACKNOWLEDGEMENT OF LEVEL 2 CHARGING EQUIPMENT REQUIREMENTS

Check the boxes below to acknowledge that you have read and understand the requirements for Level 2 EV charging equipment as set forth by the Nebraska Department of Environment and Energy (NDEE).

- Level 2 charging equipment must have a charging amperage from 16 to 80 amps and must be capable of providing electric power at each plug at a minimum 7.2 kW (240V @ 30 amps).
- Equipment must meet the Society of Automotive Engineers (SAE) J-1772 standard for EV charging plug connector and operational requirements.
- Optional: Level 2 chargers with dual ports to serve two parking spaces will earn additional points during the scoring process.
- Optional: Installation of conduit and an electrical service box of adequate size and disconnect capacity to allow electrical cable to be run for the future installation of an additional Level 2 charger will earn additional points during scoring.

ACKNOWLEDGEMENT OF DC FAST CHARGING EQUIPMENT REQUIREMENTS (if applicable)

Check the boxes below to acknowledge that you have read and understand the requirements for DC fast EV charging equipment as set forth by the Nebraska Department of Environment and Energy (NDEE).

- DC fast chargers must have dual connectors: one SAE Combined Charging System (CCS) Type 1 connector and one CHAdeMO connector.
- DC charging equipment must be capable of providing a minimum 50 kW charge.
- Recipients must install conduit and an electrical service box of adequate size and disconnect capacity to allow electrical cable to be run for the future installation of at least one additional DC fast charger at the site and/or for upgrade of the power of the charger.
- Optional: DC fast chargers with modular power sources to enable easy future power increases will earn additional points during the scoring process.

**2019 ELECTRIC VEHICLE
 CHARGING REBATE PROGRAM
 APPLICATION**



ACKNOWLEDGEMENT OF CHARGING SERVICE REQUIREMENTS

Check the boxes below to acknowledge that you have read and understand the requirements for DC fast EV charging equipment as set forth by the Nebraska Department of Environment and Energy (NDEE).

- Customer Service:** Charging sites must include a clearly posted customer service support telephone number available 24 hours per day, 7 days per week.
- Payment Options:** If the charging station is not provided as a free service, then the charging equipment must be Payment Card Industry compliant to allow use of a credit or debit card for payment without incurring additional fees. Stations may also offer additional payment options including subscription methods, smart cards, or smart phone applications.
- Charging Fee Structure:** Note that under Nebraska state law, only Public Utilities may charge for use of electricity by the kilowatt-hour.

ACKNOWLEDGEMENT OF REPORTING REQUIREMENTS

Check the box below to acknowledge that you have read and understand the reporting requirements for EV charging equipment as set forth by the Nebraska Department of Environment and Energy (NDEE).

- All recipients must submit annual station utilization data to NDEE for 5 years after project completion. The following information shall be submitted annually for each charger installed:
 - Number of charging events
 - Number of unique vehicles connected (i.e., repeat usage by the same vehicle not counted)
 - Total kWh dispensed
 - Average kWh per charging event
 - Average peak power (kW) per event
 - Peak power demand by month
 - Average duration of charging events
 - Percent charger downtime

APPLICANT CERTIFICATION AND SIGNATURE

I, the undersigned, certify that to the best of my knowledge that the information contained in this application is true and correct and that I am authorized to commit my organization to this proposal.

Printed Name and Title of Authorized Representative

Signature

Date