

# New Hampshire EV Infrastructure

Phase 1 RFP

Webinar

Oct. 23, 2023



# National Electric Vehicle Infrastructure (NEVI) RFP DOT 2024-06

# Accessing RFP

- RFP located on NH Department of Administrative Services Webpage
- <https://apps.das.nh.gov/bidscontracts/>

an official NEW HAMPSHIRE government website

Department of Administrative Services  
Procurement and Support Services | Statewide Bids and Proposals

Dept. of Administrative Services | Procurement and Support Services | Contact Us

[View Contracts](#)

BIDS are currently available for Download via pdf file PDF format and *Require Adobe Acrobat Reader 5.0 or higher* go to the [NH.gov Portable Document Format \(PDF\) Readers](#) page for assistance in obtaining the Adobe Acrobat Free Reader.

Click the Bid # to view the bid details.

Click the contact name to email the contact.

Bid Results are currently available for Download when they have been awarded.

Please click the "Awarded Bid" link under the "Status/Bid Results" column to view the bid results.

[Submitting A Bid](#)

Search by Bid#:

Use any one or combination of these search options to search for contracts by:

Bid description contains:

Status/Bid Results:

Closing Between Start:  End:

Contact:

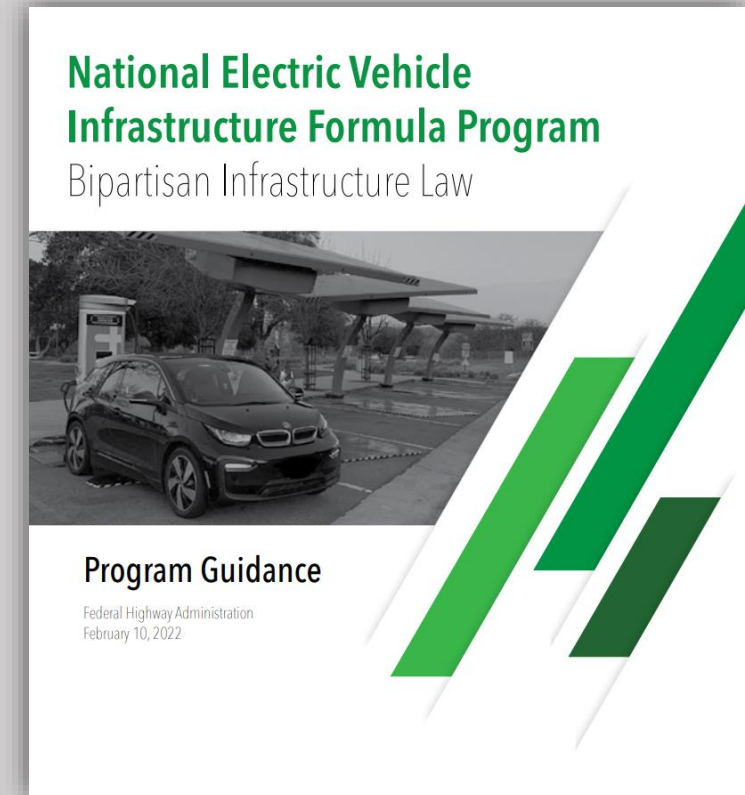
Commodity Category contains:

# NEVI Program

# BIL: EV Infrastructure Programs

\$5 billion NEVI formula funding (\$1B per year over five years)

- DCFC every 50 miles and within 1 travel mile from the highway
- $\geq$  four 150 kW DC output fast chargers with CCS ports capable of simultaneously charging four EVs
  - NHDOT considering NACS ports as well
- NH 5-year formula funding = \$17,271,581
  - **FY 22 formula funding = \$2,556,450**
  - **FY 23 formula funding = \$3,678,760**
  - **FY 24 formula funding = \$3,678,760**
  - NH FY 25-26 formula funding = ~\$3.68M (ant.)
- Cost-share: 80% federal – 20% private funds



# NEVI Plan

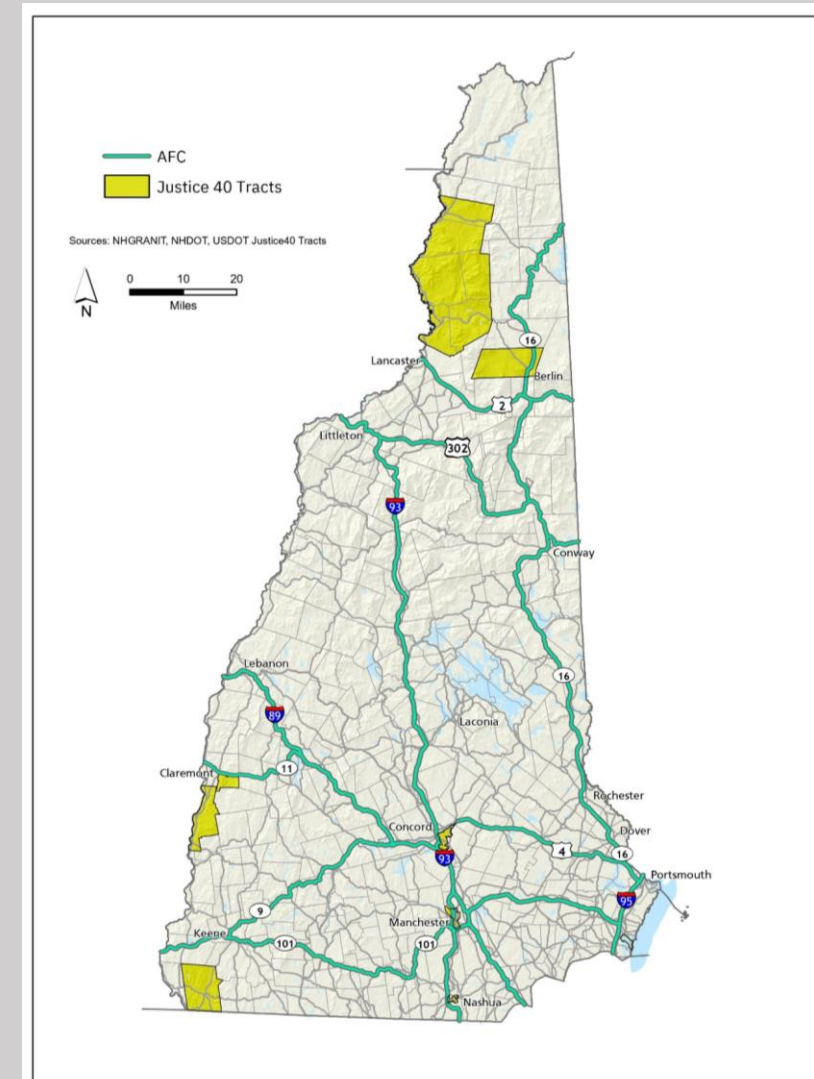
- Updated Plan Submitted on August 1, 2023
- Approved on September 29, 2023
- 23 CFR 680 Final Rule and Buy America Waiver provided on February 15, 2023
- **Plan Vision:** “Strategically deploy an interconnected and equitable network of public electric vehicle charging infrastructure to encourage electric vehicle travel, maintain economic competitiveness, and stimulate public-private sector collaboration in the State of New Hampshire.”
- <https://www.dot.nh.gov/sites/g/files/ehbemt811/files/inline-documents/updated-nevi-plan-8-1-2023.pdf>



# NEVI Plan – Alternative Fuel Corridors

- NH AFCs:

- **I-89 (Entirety)**
- **I-93 (Entirety)**
- I-95 (Entirety)
- US-2 (Entirety)
- **NH-16 (Entirety)**
- Everett Turnpike (Entirety)
- US-4 (I-393 in Pembroke to NH-16 in Dover)
- US-302 (I-93 in Bethlehem to ME Border)
- **NH-9 (VT Border to I-89)**
- NH-11 (NH-12 to I-89 New London)
- NH-12 (VT Border to NH-11)
- NH-101 (Western Terminus to I-95 in Hampton)



# NHDOT NEVI RFP



# Contents



Section 1 – Request for Proposals – Information and Instructions

Section 2 – Background Information

Section 3 – Station Requirements and Scope of Work

Section 4 – Eligible Project Locations

Section 5 – Proposal Requirements

Section 6 – Proposal Evaluation and Award

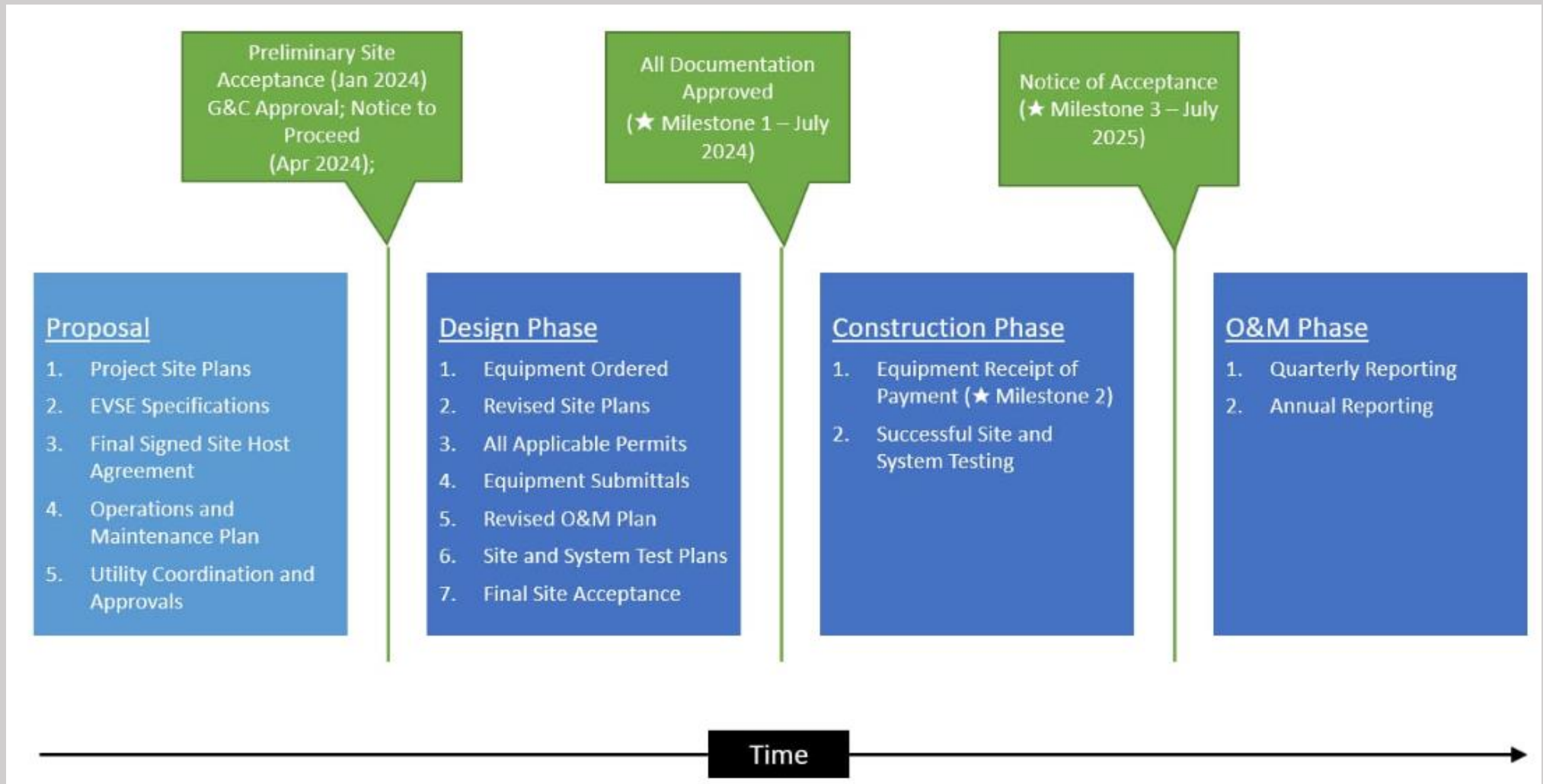
Section 7 – General Conditions

Section 8 - Attachments

# Anticipated Schedule – Phase 1 RFP

|                            |                    |
|----------------------------|--------------------|
| Pre-Release Webinar        | September 11, 2023 |
| Pre-Release Questions Due  | September 14, 2023 |
| Pre-Release Responses      | September 21, 2023 |
| Release of RFP             | October 13, 2023   |
| Pre-Bid Webinar            | October 23, 2023   |
| Pre-Bid Questions Due      | October 30, 2023   |
| Pre-Bid Responses          | November 6, 2023   |
| Proposal Due               | December 15, 2023  |
| Anticipated Selections     | January 2024       |
| Anticipated Contract Award | April 2024         |

# Phase 1 Timeline (Section 1.3)



# Payments and Withholding (Section 1.12)

*Table 2: Payment Categories and Amounts*

| Contract Amount Categories   | Payment Amount                     |
|------------------------------|------------------------------------|
| Withholding                  | 10% of Total Contract Value        |
| Design & Construction Amount | Total Contract Value - Withholding |

*Table 3: Payment Milestones*

| Milestone  | Payment Amount  |
|--|---|
| Milestone 1 – Final Permitting, MOU Signed, Design Documentation Complete, Design Plans Complete | 10% of Design & Construction Amount                                 |
| Milestone 2 – Equipment receipt of payment   | Equipment Cost from the Design & Construction Amount                |
| Milestone 3 – Notice of Acceptance Received  | Remainder of Design & Construction Amount                           |
| Milestone 4 – O&M (5 years)  | 2% of contract value <u>yearly</u> when uptime requirements are met |

# Eligible Costs (Section 2.4)

- i. Costs for **pre-construction activities** like environmental documents and studies, preliminary engineering, and related work **after notice to proceed**;
- ii. Costs for **DCFC units (including CCS and NACS ports for each unit)**, power conversion hardware, and associated equipment;
- iii. Costs for **Construction** (as defined under 12 U.S.C. 101(a)(4)), including site restoration after installation, directly related to the EV charging station;
- iv. Costs for **planning, permitting, acquisition, and installation of on-site distribution energy resource equipment** (e.g., solar arrays or stationary batteries);
- v. Costs to **acquire and install on-site electric service equipment** (e.g., power meter, transformer, and switch gear);
- vi. Costs to install **signage** at site that is compliant with the MUTCD and 23 CFR Part 750;
- vii. Costs to **procure and install, repair, upgrade, and/or replace existing EVSE to meet NEVI minimum requirements**;
- viii. Costs to **procure and setup EVSE related hardware and software**;
- ix. Costs to **upgrade existing EV charging stations to meet Americans with Disabilities Act (ADA) requirements**;
- x. Costs for **extended warranties or maintenance contracts** for a period not to exceed five years;
- xi. Costs for EV charging infrastructure **data sharing** as defined in this RFP; and
- xii. Costs for **administrative and overhead/indirect fees** (excluding project-specific labor).

# Ineligible Costs (Section 2.4)

- i. Costs not approved by the State, including costs incurred prior to receiving a written notice to proceed;
- ii. Costs to purchase, lease, or real-estate rental;
- iii. Costs not directly related to charging of vehicles.
- iv. Costs for general operation and maintenance of the site on which the EVSE is located, including but not limited to electricity bills, management and legal costs, insurance, and snow removal;
- v. Costs for electric utility infrastructure needed to connect and serve new EVSE. This may include traditional distribution infrastructure such as step-down transformers, overhead service lines, and improvements to off-site power generation;
- vi. Costs for non-compliant EVSE;
- vii. Taxes;
- viii. Internet connection and/or cell service, or improvements thereto;
- ix. Costs for studies or research projects;
- x. Costs for project equipment costs beyond the four required NEVI-compliant plugs;
- xi. Costs for any project costs covered by the utility, including utility service upgrade costs;
- xii. Costs for existing site connections; and
- xiii. Cost for utility “demand charges”.

# Station Requirements

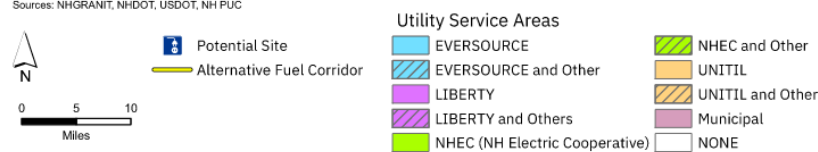
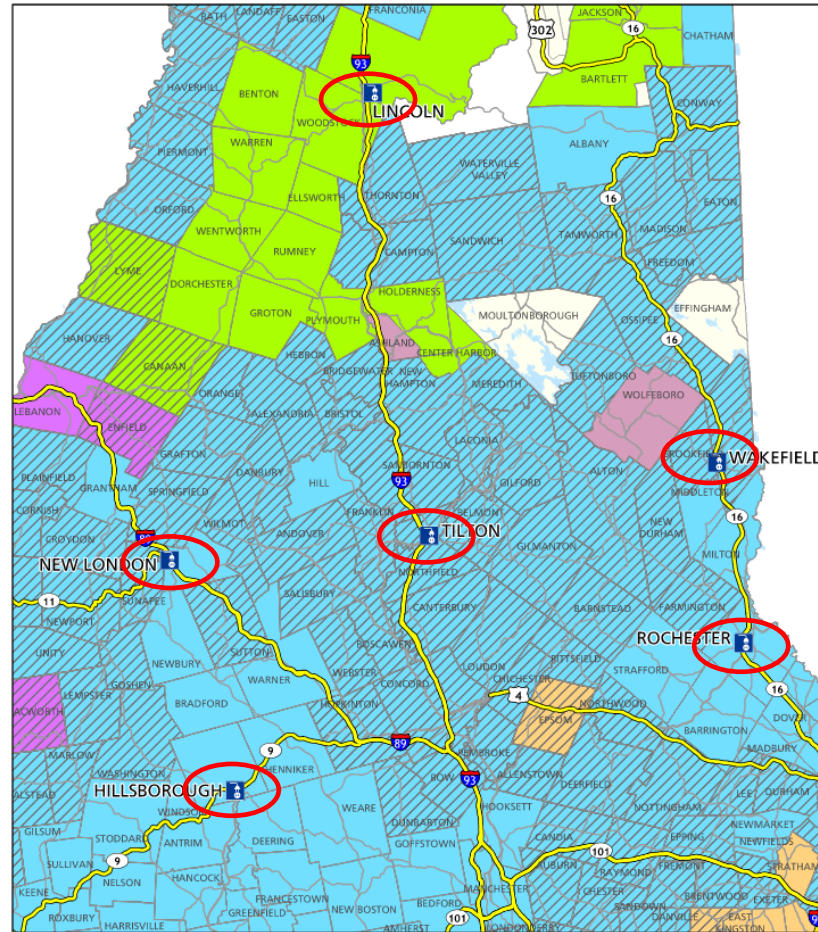
- Site-Host Agreements (Section 3.1) needed before G&C
  - Sample Agreement if not finalized prior to Proposal Submission
- Station Requirements (Section 3.2)
  - Adequate electrical capacity to charge DCFC
  - Able to charge four vehicles at 150 kW simultaneously
  - CCS and NACs Plugs at each DCFC
  - Networking that meets Section 680.108 requirements
  - Publicly accessible 24/7/365
  - Minimum uptime of 97%
  - Customer service plan
  - Futureproofing for future expansion
- Operation and Maintenance (Section 3.3)
  - 5-years of O&M
  - Data capture requirements detailed in Section 680.112 (a), (b), and (c)

# Station Requirements (Cont'd)

- EV Station Installation, Construction, and O&M (Section 3.6)
  - Phase is beyond Milestone 1 (Post G&C)
  - NHDOT will handle NEPA with assistance from the Proposer
  - Utility Coordination (Proposal and Design Phase)
  - Design Phase Requirements/Deliverables
  - Construction Phase Requirements/Deliverables
  - O&M Deliverables



# Potential Station Locations – Phase 1 RFP (Section 4 and Attachment E)



# Proposal Requirements (Section 5)

- Format requirements
- Content and Organization Requirements
- Project Overview and Partners
- Past Experience
- Conceptual Site Plans
- Team Quals
- Staffing (Org Chart and Resumes)
- Bid Bond
  - Covers construction
- Performance Bond
  - Covers O&M
- Cost Proposal
- Attachments

# Scoring (Section 6.1)

- Pass/Fail Criteria
- Technical Criteria – 70 points
- Price – 30 points
- Bonus – 3 points

|            |                             |   |  |      |      |
|------------|-----------------------------|---|--|------|------|
| 5.3.4 (ii) | Project Implementation Plan | <p>Are each requirements met adequately as listed in Section 3 and Section 5 and narrative provides a clear narrative to clearly describe the solution proposed</p> <p>- Describe the team's approach</p> | <p>Opts: Poor project approach and/or limited planning</p> <p>1-5pts: Based on quality of project approach elements and realistic plan</p> <p>Bonus 1 point: Ease of Implementation. Low risk, low site issues (Ex: grading, curb and gutter removal, tree removal etc.)</p> | 5.00 | 1.00 |
|------------|-----------------------------|---|--|------|------|

# Available Resources

- [Home Page · Joint Office of Energy and Transportation \(driveelectric.gov\)](#)
- [Federal Register :: National Electric Vehicle Infrastructure Standards and Requirements](#)
- [National Electric Vehicle Infrastructure \(NEVI\) Formula Program Q&A \(dot.gov\)](#)
- [Federal Register :: Waiver of Buy America Requirements for Electric Vehicle Chargers](#)

Questions?

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