



INDOT Electric Vehicle Infrastructure Program

Notice of Funding Opportunity (NOFO) Informational Meeting

September 12, 2023



Introductions



Speakers:

- Nathan Sturdevant, INDOT
 - o Connected and Automated Vehicle Director
 - o NSturdevant@indot.IN.gov
- Diane Newton, HNTB
 - o Consultant Program Manager
 - o dnewton@hntb.com

Q&A:

- Nicolette Mendenhall, INDOT
 - o Attorney (Contracts)
 - o nmendenhall@indot.in.gov
- Chris Serak, INDOT
 - o Prequalification Director and Committee Chair
 - o chserak@indot.IN.gov
- Derrick Casson, INDOT
 - o INDOT Equity Initiative Services
 - o dcasson@indot.in.gov
- Andrew Conley, HNTB
 - o NEVI SME
 - o aconley@hntb.com
- Kerri Garvin, Greater Indiana Clean Cities, Inc.
 - o kerri@greaterindiana.com



AGENDA

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- NEVI Background
 - NEVI Program Overview and Key Requirements
 - Indiana's EV Implementation Plan
- Procurement Goals and Approach
- NOFO Schedule and Logistics
- NOFO Overview:
 - Feedback Received
 - Format
 - Evaluation Criteria
- Award and Contracting
- Next Steps
- Q&A



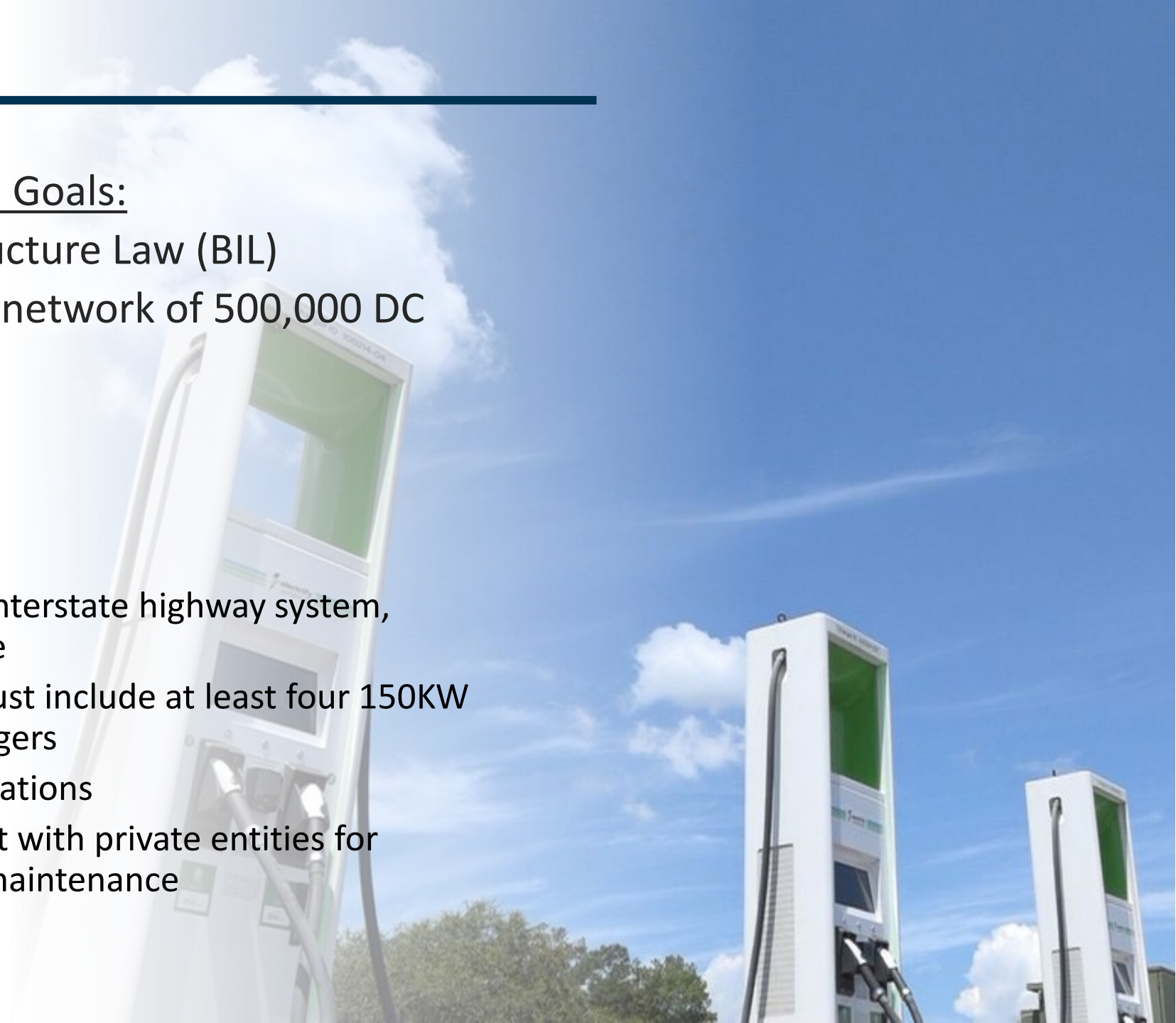
NEVI Background

INDOT Electric Vehicle Infrastructure Plan



Key Requirements

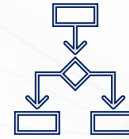
- NEVI Program Overview and Goals:
 - 2021 Bipartisan Infrastructure Law (BIL)
 - Goal: create nationwide network of 500,000 DC Fast chargers by 2030
 - Funding:
 - **Indiana = \$99,605,738**
- Key Requirements:
 - Every 50 miles along State's interstate highway system, within 1 mile of the Interstate
 - EV charging infrastructure must include at least four 150KW Direct Current (DC) Fast Chargers
 - Rest areas are not eligible locations
 - States are allowed to contract with private entities for installation, operations and maintenance



INDOT's Implementation Approach



INDOT will not own or operate the EV chargers



Enable competitive, qual based selection of proposers



Multiple sites selected through one or more competitive procurement(s)



Prioritize sites that are ready



Clear, competitive, replicable process



80% Funding from NEVI
20% Funding from Applicant

Indiana EV Implementation Plan (2023): <https://www.in.gov/indot/files/INDOT-EV-Deployment-Plan-2023.pdf>



Current Site Locations



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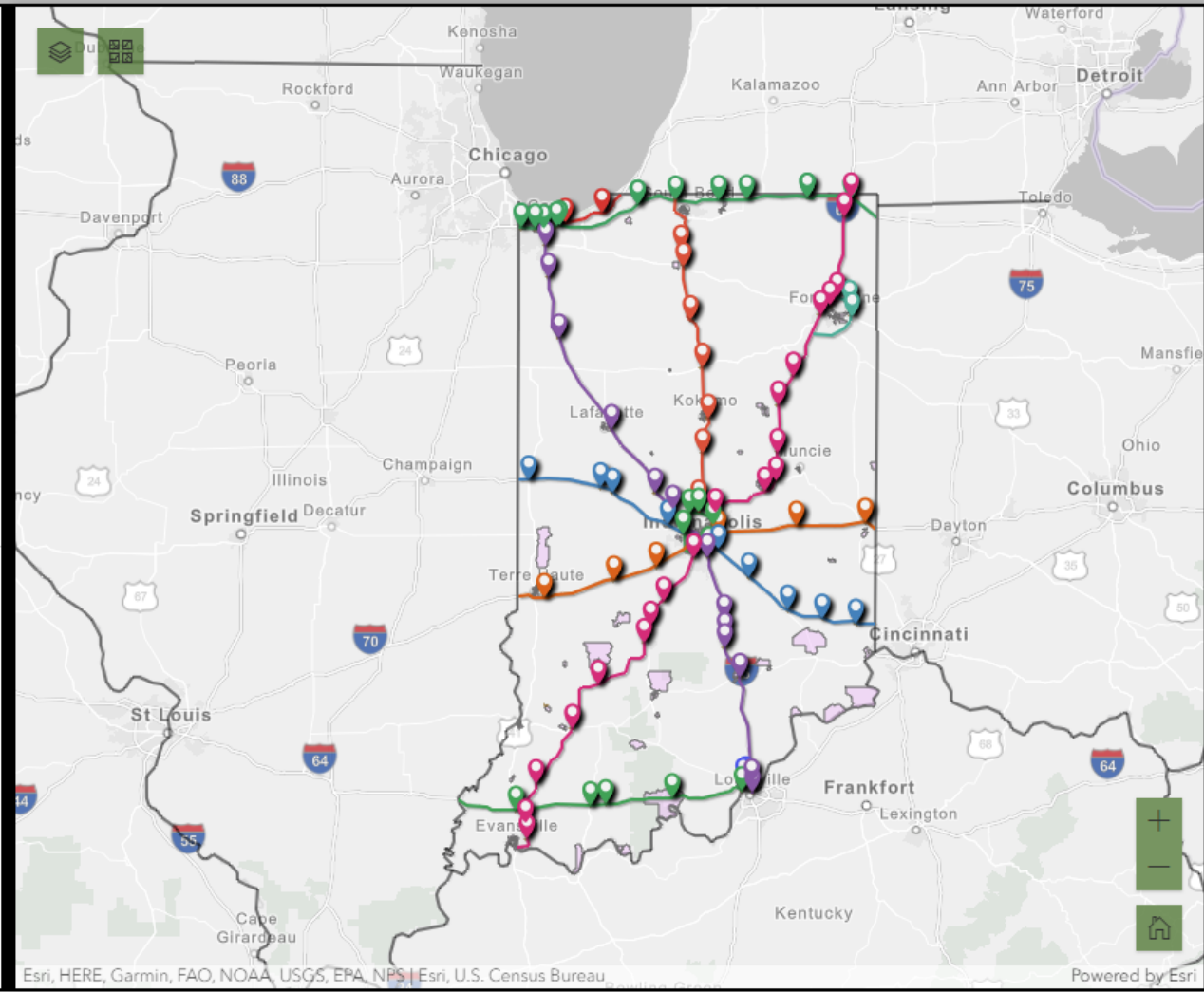
- 6 sites added
- 2 sites adjusted
- ***New interpretation of FHWA rule has extended the 1-mile radius around interchanges***

[Interactive Map - INDOT NEVI Electric Vehicle Infrastructure Plan](#)



- Candidate Charging Station Locations**
- I-69
 - I-80
 - I-65
 - I-74
 - I-465
 - US-31
 - I-70
 - I-64
 - I-469
 - I-94
 - I-265

- Indiana Electric Vehicle Corridor**
- I-69
 - I-70
 - I-74
 - I-65
 - I-80
 - I-465
 - I-469
 - I-64
 - US-31
 - I-94



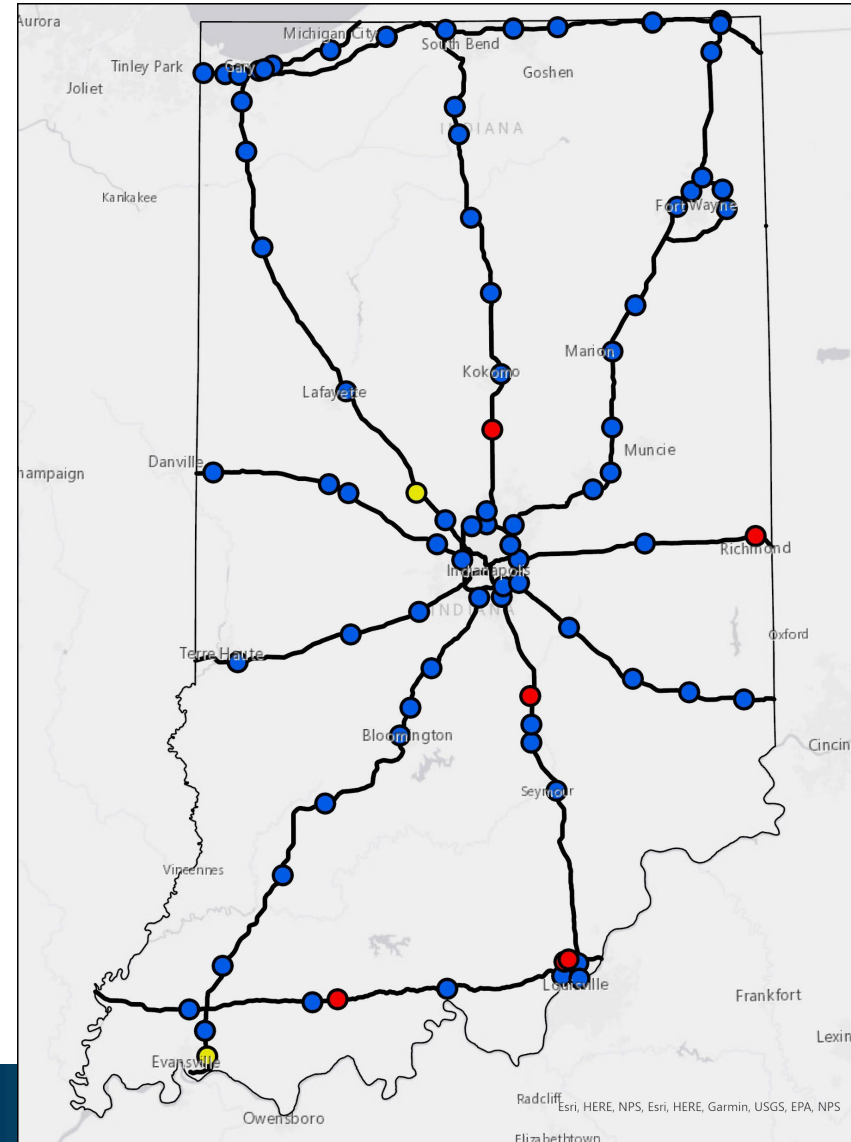
Click below to view map by corridor(s).

- I-64
- I-65
- I-69
- I-70
- I-74
- I-80
- I-94
- I-465
- I-469
- US-31
- I-265

Public Comments on Sites



Site	Action
I-64 Exit 63 (SR 162)	Added
I-65 Exit 76 (US 31)	Added
I-70 Exit 151 (US 27)	Added
I-265 Exit 3 (Grant Line Rd)	Added
I-265 Exit 4 (Charlestown Rd)	Added
US 31 Exit 148 (SR 38)	Added
I-69 Exit 9 (SR 62)	Changed from Exit 3 (S Green River Rd)
I-65 Exit 140 (SR 32)	Changed from Exit 139 (SR 39)



- Site Unchanged
- Site Moved
- Site Added



Procurement Goals

INDOT Electric Vehicle Infrastructure Plan



Procurement Goals

- Turn-key deployment
 - Procure as many stations as possible
-
- Reliability
 - Equity
 - Sustainability



Indiana's Formula Funding



- 86 candidate sites: 4
 - 44 will fill the 5-mile gaps along CURRENT AFCs
- FY 22, 23 and 24 funding will be available through this procurement*
- No minimum or maximum award size
 - Total awards may be limited so that no one applicant receives more than 25% of available funding
- 2nd procurement possible:
 - Nominated AFCs
 - Insufficient qualified bids for existing AFCs

Year	Indiana's Funding
FFY 22	\$14,473,125
FFY 23	\$21,215,523
FFY 24	\$21,215,670
FFY 25	\$21,215,688
FFY 25	\$21,215,732
Total Federal Funds	\$99,605,738



Connecting Primes and Subs - Vendor Registry



Table Filters:

EV Corridor: 0 Selected | Roadway: 0 Selected | Exit: 0 Selected

Map filters:

I-64 | I-65 | I-69 | I-70 | I-74 | I-80 | I-94 | I-465

Stakeholder Registry List

Exit	Please select ty...	Email Address	Name
Exit 59	Utility Provider	dolmstead@hendrickspo...	Dave Olmstead
Exit 164	MPO	dshuey@oki.org	David Shuey
Exit 64	Other	cory.j.fowler@gmail.com	Cory Fowler
Exit 139	Public Site Host	tculbertson@gpminvestm...	Thomas Culbertson
Exit 50	Other	mchesser@greatscottindia...	Michael Chesser
Exit 123	MPO	andrew.magee@indympo...	Andrew Magee
Exit 103	EVSE Vendor	CHIPPARSLEY@POYNTERI...	Chip Parsley
Exit 68	EVSE Vendor	CHIPPARSLEY@POYNTERI...	Chip Parsley
Exit 64	EVSE Vendor	CHIPPARSLEY@POYNTERI...	Chip Parsley
Exit 50	EVSE Vendor	CHIPPARSLEY@POYNTERI...	Chip Parsley
Exit 5	EVSE Vendor	CHIPPARSLEY@POYNTERI...	Chip Parsley
Exit 2	EVSE Vendor	chipparsley@poynterinc.c...	Chip Parsley
Exit 25	EVSE Vendor	chipparsley@poynterinc.c...	Chip Parsley



[Access the Public Vendor Registry](#)



NOFO Schedule and Logistics

INDOT Electric Vehicle Infrastructure Plan



Key Dates



Milestone	Date
<i>Draft NOFO released for public comment</i>	6/1/23
<i>Pre-application webinar</i>	6/20/23
<i>NOFO Release</i>	8/31/23
Pre-Bid Webinar	9/12/23
Questions Due	9/19/23
Responses to Questions	9/26/23
XBE Networking Event (Virtual)	9/29/23
Applications Due	11/22/23
Selection	January 2024
Contingent Award(s)	TBD
Final Award(s)	TBD



Submission Logistics

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Online portal submission

<https://indotmajorprojects.sharepoint.com/sites/NEVIProcurementAdministration>

Public page

Private page for each applicant



Primes request access

NO LATER THAN NOVEMBER 1, 2023.

No access will be granted after this date.



Please email nevi@indot.in.gov with the following information:

Company name

Contact name, telephone and email address



NOFO Overview

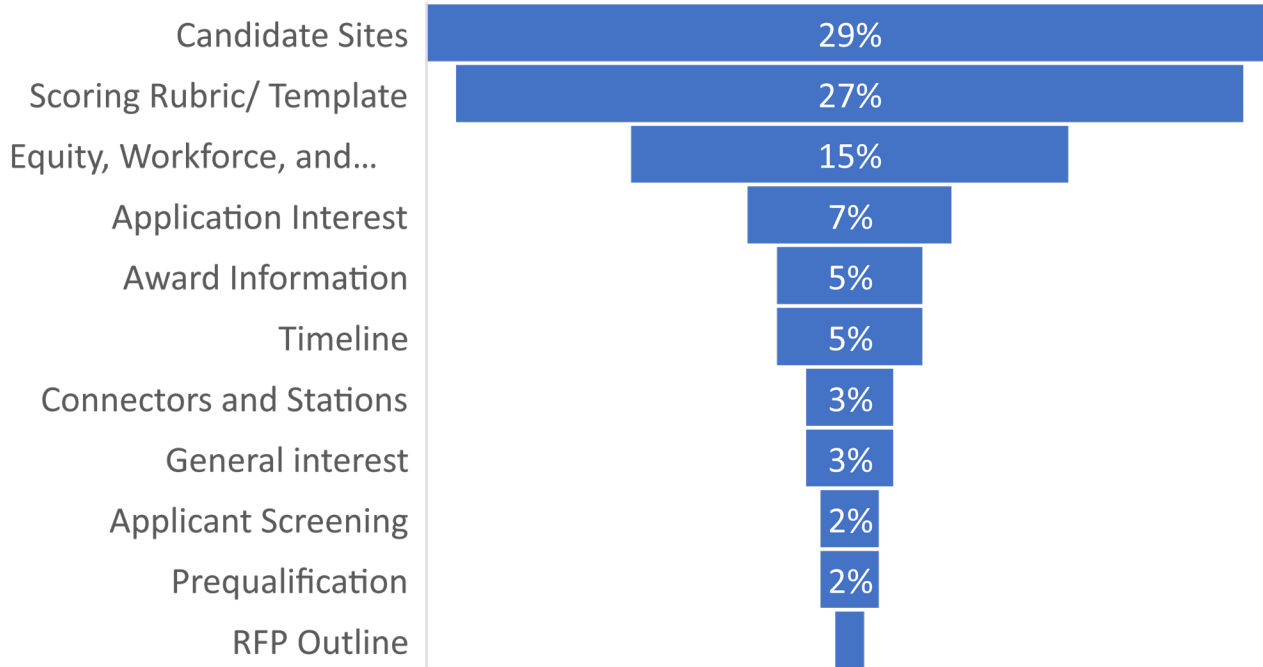
INDOT Electric Vehicle Infrastructure Plan



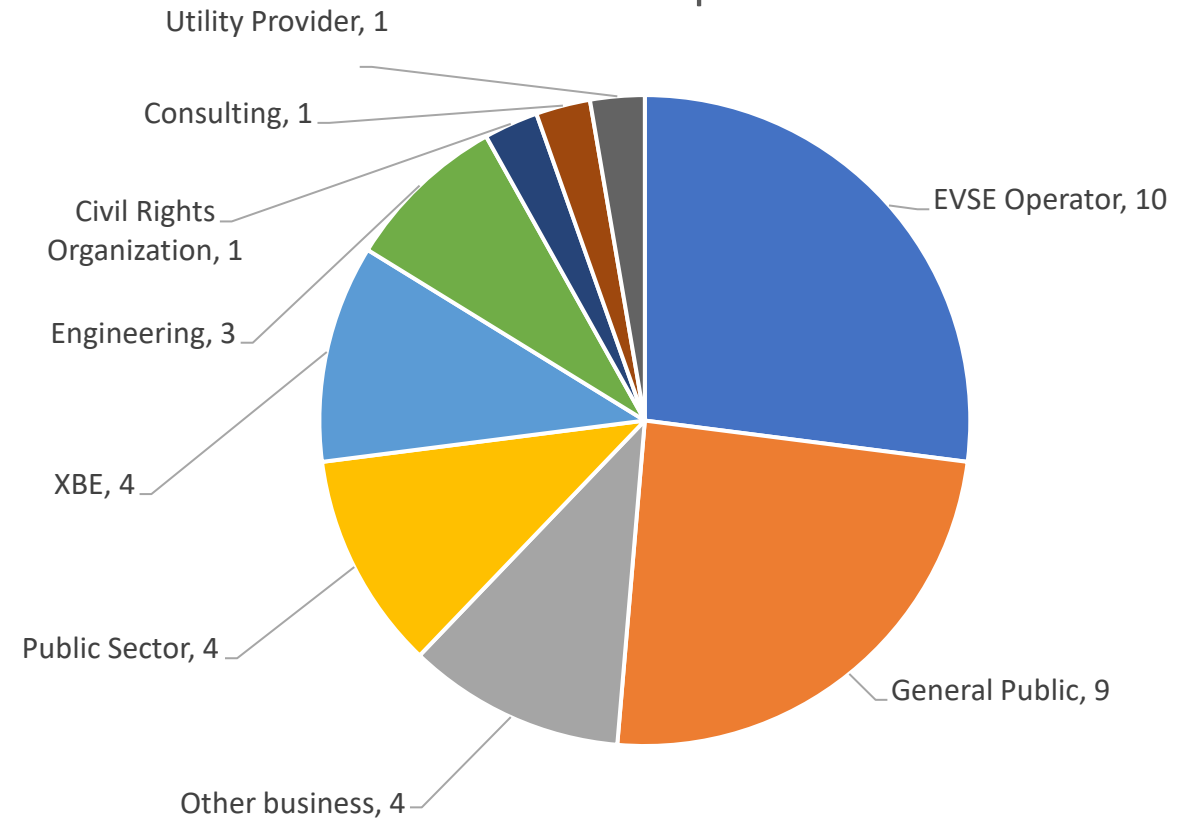
Summary of comments received



Public Comment Breakdown



Stakeholder Representation



Proposal Format



- Part A: Administrative (3 pages)
 - Checklist
 - Compliance with NEVI program requirements (Appendix C)
 - **NEW: Proof of financial viability**
 - **Prequalification NO LONGER REQUIRED**



Pass/Fail

One per proposer

- Part B: Experience (5 pages)
 - Experience
 - Qualifications
 - Technical approach
 - Cost information
 - **Rubric updated**

250 Points Possible

One per proposer

- Part C: Site Proposal (4 pages)
 - Site information
 - Site schematic
 - Site readiness
 - Future proofing
 - Equity, workforce and economic development
 - **Rubric updated**

250 Points Possible

One per site

Items above minimum requirements are considered commitments



Proof of Financial Viability

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- Replaced prequalification
- Letter or documentation from a surety
 - Demonstrate ability to provide performance, payment, and maintenance bonds
 - Any limits on the surety bond amounts that will exist
 - Letter must be submitted with Part A
- Prime applicant must demonstrate bond(s) equal to the estimated cost per site
- If applying for multiple sites, surety must equal estimated total cost



Part B - Experience



- GOAL: turn-key team and project(s)

Team Partners	Possible Roles/Responsibilities
Project Owner	<ul style="list-style-type: none"> • Project lead • Other roles
Site Host	<ul style="list-style-type: none"> • Property owner/operator
EVSE Supplier	<ul style="list-style-type: none"> • Provide necessary equipment
EVSE Installer/ Contractor	<ul style="list-style-type: none"> • Installation of EVSE • Must be EVITP certified (*NEVI)
Operator	<ul style="list-style-type: none"> • Online connection, payment, real-time state • Data collection and reporting
Maintainer	<ul style="list-style-type: none"> • Team Performing O&M for life of equipment
Utility Provider	<ul style="list-style-type: none"> • Provide power to station
Subcontractors	<ul style="list-style-type: none"> • On Site Amenities • Outreach, engagement, education
Consultants (if any)	<ul style="list-style-type: none"> • Site design



Part B Contents

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- Experience – 75 points
 - Projects
 - References
- Qualifications – 75 points
 - List of team members
 - Key staff
 - Identify roles for each team member
- Approach – 75 points
 - Operations and maintenance O&M commitment
 - Approach to maintaining up time
 - Data sharing
 - **Physical Security** + Cybersecurity
 - Safety and training
 - Approach to rates and billing
- Project Cost Information – 25 points
 - Cost share offered
 - Description of ownership model



Part C Site Proposal

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- **Site Information – 90 points**
 - 5 multiple choice questions
 - Narrative response to necessary utility improvements
 - Multiple choice and narrative option to enhancements beyond basic NEVI requirements
- **Site Schematic – 20 points**
 - One page
 - Identifies site layout
- **Site Readiness – 60 points**
 - 8 multiple choice questions with opportunities for additional narrative comments
- **Future Proofing – 40 points**
 - How does the site scale for future growth and sustainability?
 - 4 multiple choice questions with option for comments
 - Narrative response for any innovative/scalable infrastructure beyond requirements
- **Equity, Workforce and Economic Development – 60 points**
 - Narrative answering 5 questions



Equity, Workforce and Economic Development - UPDATED

Approach to INDOT plan equity goals – 20 points

Engagement w/ XBE during application – 10 points

- Networking events
- One-on-one meetings (documentation required)

Use of XBE, small/local business on application team – 10 points

Approach to workforce development (training) – 10 points

Commitment and approach to EVSE education/awareness – 10 points



Equity, Workforce and Economic Development - UPDATED

Approach to INDOT plan equity goals – 20 points

Engagement w/ XBE during application – 10 points

Use of XBE, small/local business on application team – 10 points

- Points rewarded based percentage of project scope going to XBE
- Any 3rd party certification

Approach to workforce development (training) – 10 points

Commitment and approach to EVSE education/awareness – 10 points



Evaluation Criteria



Part	Title	Contents	Points
A	Administrative	Checklist	Y/N
		Minimum NEVI requirements	Pass/Fail
		Financial Viability	Pass/Fail
	<i>Administrative Subtotal</i>		Pass/Fail
B	Experience	Experience (past EVSE projects)	75
		Qualifications (list firms, role, key staff)	75
		Project Approach	75
		Project Cost Information	25
	<i>Experience Subtotal</i>		250
C	Site Proposal	Site Information	70
		Site Schematic	20
		Site Readiness	60
		Future Proofing	40
		Equity, Workforce and Economic Development	60
	<i>Site Proposal Subtotal</i>		250
TOTAL POINTS POSSIBLE			500



File Naming Convention

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- Part A:
 - Prime Applicant Name_INDOT NEVI NOFO_Part A
- Part B:
 - Prime Applicant Name_INDOT NEVI NOFO_Part B
- Part C:
 - Prime Applicant Name_INDOT NEVI_NOFO_Part C_Corridor Number_Exit Number
 - For example: “Applicant A_INDOT NEVI NOFO_Part C_65 Exit 172”



Appendices

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- A. Site List and Map
- B. *NEW: Discretionary Exception Request Template***
- C. NEVI Requirements
- D. Response Template
- E. Application Checklist
- F. Scoring Rubric
- G. Utility Contact Information and Questionnaire
 - Does not count towards page limit
- H. Draft Contract Terms and Conditions

- Appendices **D and G** are required for submittal
- Appendix **B** is required if applying for a discretionary exception
- Other appendices are provided for reference



Discretionary Exceptions (NEW)

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- FHWA-required form for any sites > 1 mile from interchanges
- *Exceptions must be approved by FHWA*
- Valid reasons for exceptions:
 - **Grid capacity:** Delivering sufficient power to the charging site requires major upgrades to existing infrastructure
 - **Geography:** Lack of necessary services or access to the site significantly compromise accessibility and/or functionality (e.g., roadway exits, necessary amenities)
 - **Equity:** An alternate location that would still service travelers on the Interstate or Alternative Fuel Corridor would better support providing benefits to a disadvantaged community
 - **Extraordinary Cost:** Costs to locate and operate a station at given site prevent its economic viability even with federal funding through NEVI or other sources



Award and Contracting

INDOT Electric Vehicle Infrastructure Plan



Evaluation Process

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- Initial Evaluation: Part A, adherence to NOFO guidelines
 - Pass / Fail
- Technical Evaluation: Parts B and C
- Final Selection: Sites and Estimated cost
 - Number and location of site(s)
 - Estimated per site and per project cost



Award Process and Project Milestones

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1

Contingent Award

- Final number of sites
- Final site host agreement
- Final site design
- Estimated project cost
- Bonding requirements

2

Final Award

- NEPA
- Lease agreement
- Site permits
- Utility coordination
- Final project cost

3

Construction

- Commissioning, construction, installation complete
- Site verification

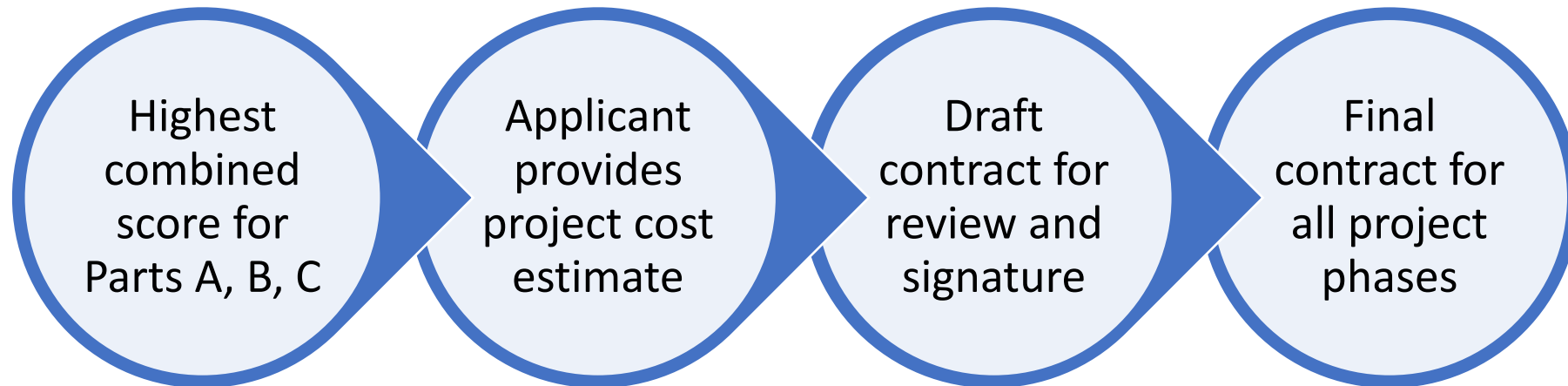
4

Operations and Maintenance

- 5-year O&M
- Reporting following NEVI requirements
- Performance audit

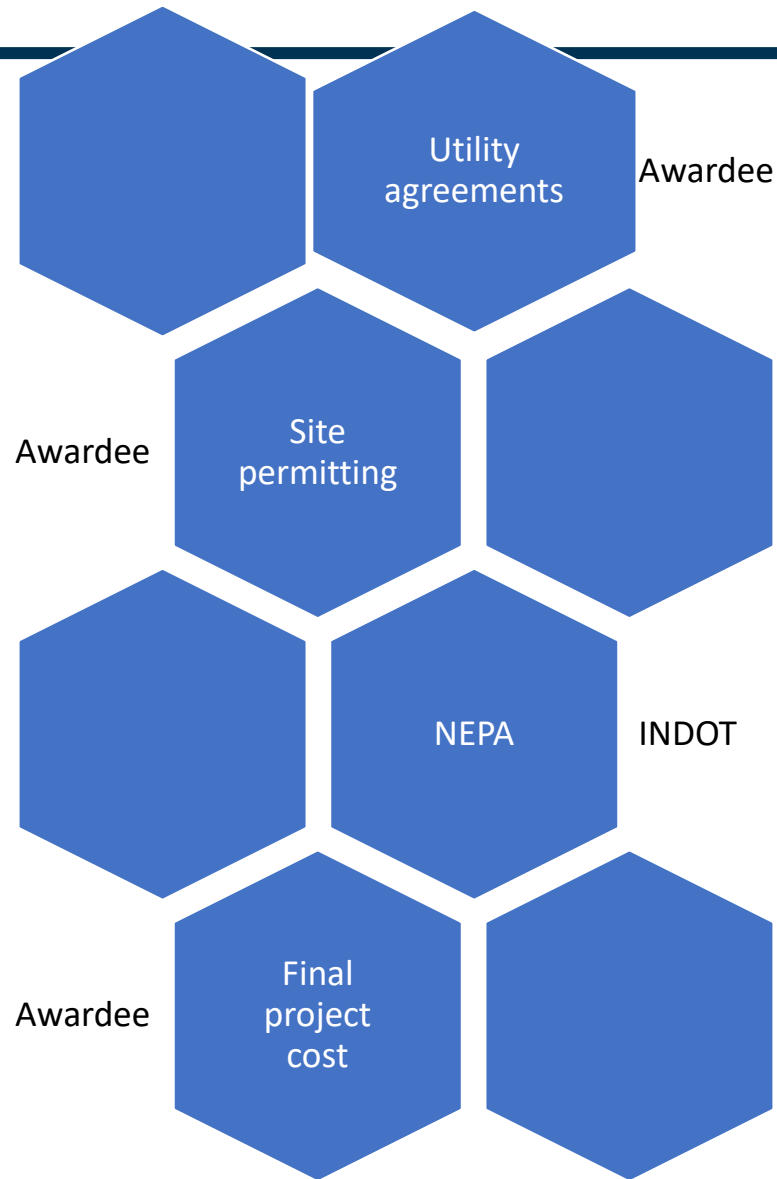


Contingent Award



Final Award

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Milestones



Phase	Milestone	Payment
Phase 1 – Contingent Award and Pre-construction	High level project cost estimate and notice to proceed	5%
	Final site host agreement(s) and executed purchase order from EVSE manufacturer	10%
Phase 2 – Final Award and Design	NEPA clearance, permits, and utility work request executed; all utility easements (if any) executed	10%
Phase 3 – Construction	Commissioning completed	20%
	Inspection and verification (final completion)	25%
Phase 4 – Operations and Maintenance	Capital payments paid quarterly during operational period	20%
	Performance audit at 50% completion of operations and maintenance period	10%



Next Steps



INDOT NEVI XBE Networking Event



- September 29, 2023 9 a.m. to 12 p.m.
- Email nevi@indot.in.gov to ensure you receive the latest news on NEVI-related events
- Registration link:
- <https://www.accelevents.com/e/hntb-contractordbe-meet-greet>
- EVENT DETAILS BEING ADDED



INDOT NEVI Networking

HNTB

📅 Friday, September 29

🕒 9:00 AM - 1:00 PM (EDT)

Buy Tickets

Already registered? Sign In

Sponsors Speakers Exhibitors

Next Steps

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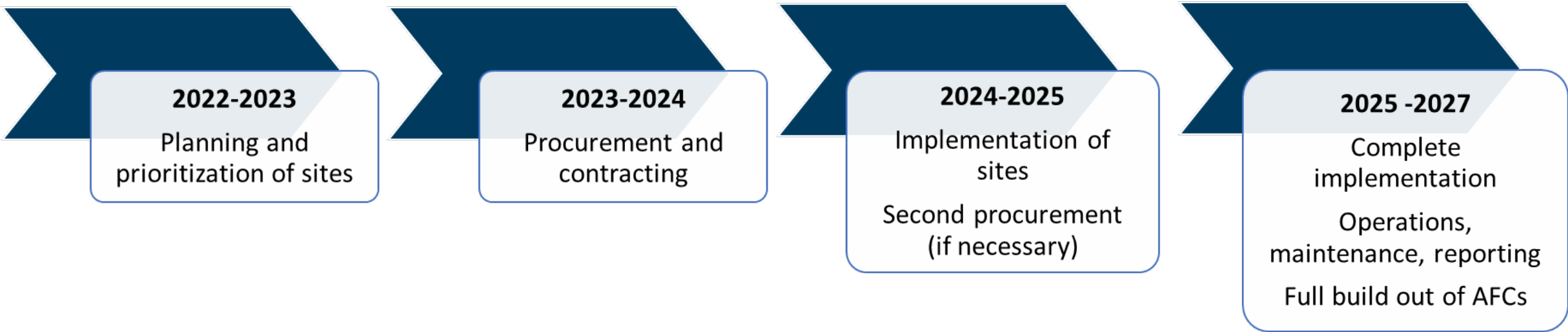


- **INDOT:**
 - Question responses – **9/26/23**
 - XBE Networking Event – **9/29/23**
 - Finalize contract terms and conditions – Jan 2024
 - Develop NEPA process for sites – by NTP
- **Applicants:**
 - Email nevi@indot.in.gov with required information for submission portal (prime applicant name, contact name, telephone and email) – **ASAP**
 - Submit questions on NOFO – **9/19/23**
 - XBE Networking Event – **9/29/23**
 - Check out candidate sites
 - Contact utilities
 - Connect with potential partners
 - Engage in the community
 - Submit application – **11/22/23**



Timeline

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Timeline



Questions

HNTB



- Nathan Sturdevant
 - NSturdevant@indot.IN.gov
- Diane Newton:
 - dnewton@hntb.com
- https://pima.indot.in.gov/public/comment/project-comment-dynamic?project_id=109
- INDOT NEVI Web Page: <https://www.in.gov/indot/current-programs/innovative-programs/electric-vehicle-charging-infrastructure-network/>





Thank you!

