



Vehicles-for-Hire Electric Vehicle Charging Solutions Webinar

August 6, 2024



MassCEC funds climate solution innovation to meet Massachusetts' emission reduction goals while growing the state's clean energy economy.

OUR FOCUS

MassCEC funds climate solution innovation to meet Massachusetts emission reduction goals while growing the state's clean energy economy.



**High-Performance
Buildings**



Net-Zero Grid



Clean Transportation



Offshore Wind

Background

- ▶ The Electric Vehicle Infrastructure Coordinating Council (EVICC) awarded MassCEC American Rescue Plan Act (ARPA) funding in 2024 to increase access to charging infrastructure for various sectors
- ▶ Recipients of ARPA funding must
 - Allocate and contract the funds by December 31st, 2024; and
 - Expend all funds awarded by December 31st, 2026
- ▶ In April 2024, MassCEC released a Notice of Intent (NOI) to solicit feedback from key stakeholders to inform program design

PRESS RELEASE

Healey-Driscoll Administration Announces \$50 Million Investment in Electric Vehicle Charging Infrastructure



Commonwealth of Massachusetts

**Electric Vehicle Infrastructure
Coordinating Council**

Initial Assessment to the General Court
August 11, 2023

Upcoming Programming

- ▶ MassCEC received \$38 million in January 2024 to run 4 programs

ON-STREET CHARGING SOLUTIONS

Can include pole-mounted chargers, street light chargers, and curbside charging



VEHICLES-FOR-HIRE EV CHARGING SOLUTIONS

Deploying DCFC charging stations for Transportation Network Company (TNC) and taxi drivers



MEDIUM- AND HEAVY-DUTY MOBILE CHARGING

Deploying mobile charging stations for medium- and heavy-duty fleets



VEHICLE-TO-EVERYTHING DEMONSTRATIONS

Deploying bidirectional chargers to reduce grid load



Vehicles-for-Hire EV Charging RFP Overview

➤ The Problem

- The EVICC Report found that cars driven by VFH drivers are more likely to be:
 - driven by low-income residents and residents of color;
 - Public facing; &
 - High mileage.
- Access to fast, reliable, convenient charging has not been widely available in MA despite the need for these technologies



Pages
1 & 4
of the RFP

➤ Program Overview

- MassCEC is seeking qualified consultants or professionals with experience in clean transportation, vehicle-for-hire markets, EV charging, and coordinating with Transportation Network Companies, taxi companies and drivers, and utilities to serve as a Technical Consultant and project manager under MassCEC's Vehicles-for-Hire EV Charging Program
 - **Funding: \$7,200,000**
 - **Program Term: 2 Years**
- This Program aims to provide support for the deployment of EV chargers, with a focus on direct current fast chargers (“DCFCs”) and level 2 chargers, for VFH drivers across Massachusetts to support the electrification of this sector

Program Goals

➤ This program will seek to:

- Increase access to EV charging and reduce barriers to EV adoptions for TNC and taxi drivers in MA;
- Pilot VFH charging models that can be replicated and scaled across the Commonwealth;
- Develop resources for site hosts in MA to implement VFH charging solutions independently; and
- Ensure that small and diverse MA-businesses are included in the Program and meaningfully compensated to foster MA workforce development.



Reporting and Program Design

SCOPE 1: PROGRAM MANAGEMENT AND REPORTING

- ▶ Conduct ongoing program management throughout the Program in conjunction with other Tasks
- ▶ Primary Tasks
 - Develop a Data Collection Plan
 - Submit Quarterly Reports
 - Submit a Final Report



Pages
5 & 6
of the RFP

SCOPE 2: DEVELOP A DCFC PROGRAM OR DEMONSTRATION PROGRAMS

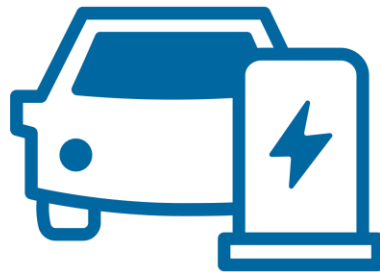
- ▶ Design a Selection Process to award site-hosts as recommended charging station locations
- ▶ Primary Tasks
 - Develop a Site host Selection Process
 - Identify and solicit a cohort of entities to be site-hosts for or owners of EVSE
 - Finalize agreements with entities and allocate funding



Implementation and Siting Strategy

SCOPE 3: TNC AND TAXI DCFC PROJECT IMPLEMENTATION

- ▶ Provide technical assistance, oversight, and project management throughout the implementation and deployment process for selected entities
- ▶ Primary Tasks
 - Support the site host with Permitting Approvals and assist with Procurement
 - Provide deployment and operational support through 6 months of operation
 - Conduct Community Outreach and Education
 - Develop a Maintenance and Operations Plan for site hosts



SCOPE 4: DEVELOP A CHARGING STATION SITING STRATEGY

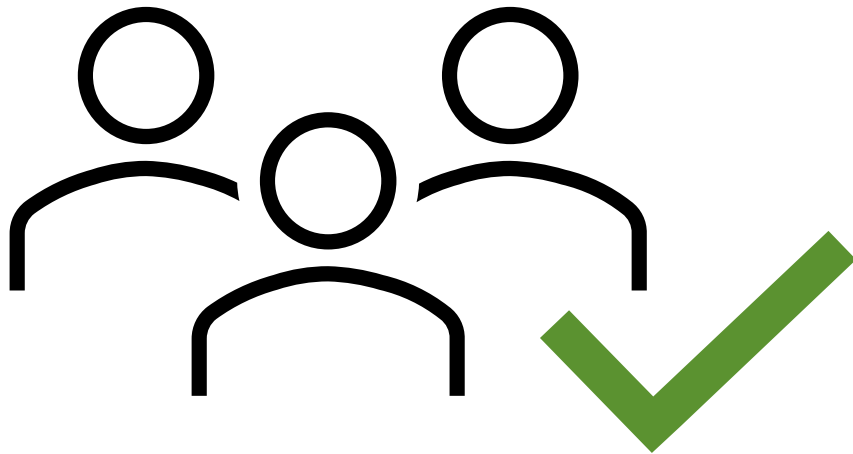
- ▶ Develop a comprehensive Charging Station Siting Strategy to identify charging station locations that are easily accessible to VFH drivers
- ▶ Primary Tasks
 - Conduct information gathering on the driving patterns of TNC and taxi drivers in MA
 - Conduct outreach and engagement with key stakeholders
 - Delivery a Preliminary Assessment based on research and stakeholder engagement
 - Submit a comprehensive Charging Station Siting Strategy



Pages
7 & 9
of the RFP

► Eligible Applicants

- Applicants are encouraged to form teams comprised of multiple entities
 - Will work together on a proposed project with one entity designated as the Lead Applicant



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of the RFP

► Supplier Diversity Guidelines

- Applicants are strongly encouraged to include Diverse Suppliers and MA-based vendors and small businesses
- See more about MA's Diverse and Small Business Program Policies for Goods and Services Procurements for additional guidance [here](#).





➤ Application Details


- Submit a completed proposal, not including recommendation letters. The submission must be in electronic form (one PDF), including all relevant attachments, submitted via email to CleanTransportation@MassCEC.com
- "VFH EV Charging Solutions Application" must appear in the e-mail subject line.

➤ Submission Packages

- Applicant's Signature and Acceptance Form (Attachment A)
- Sample Contract Redline, if Applicant has edits to Sample Contract (Attachment B)
- Proposal (see outline of Proposal Requirements below)
 - Team Member Resumes (as an appendix)
- Budget Spreadsheet (Attachment D)
- Standard Contract Form (Attachment E)
- Commonwealth Terms and Agreements (Attachment F)

Application Materials

 [RFP - Vehicles-for-Hire EV Charging Solutions.pdf](#)

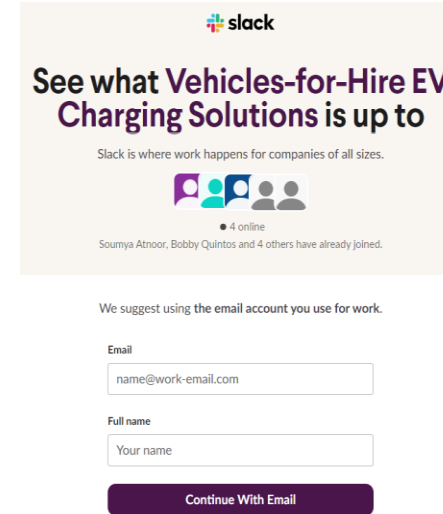
 [Attachment D - Vehicle-for-Hire Electric Vehicle Charging Solutions Budget Workplan](#)

 [Attachment E - Standard Form Contract](#)

 [Attachment F - Commonwealth Terms and Conditions](#)

Resources Available

- ▶ Join our Vehicles-for-Hire EV Charging Solutions [Slack Channel](#)
 - Intended to provide prospective applicants with a forum to share ideas and form partnerships
 - MassCEC will post updates and announcements in the Slack Channel
 - Feel free to ask questions and collaborate with others who join
- ▶ Send questions to cleantransportation@masscec.com
 - Questions can be sent in until **August 23, 2024 at 4:00 PM ET**
 - Answers to questions will be posted to the RFP Website on a rolling basis until **August 27th**
- ▶ Please visit the MassCEC VFH EV Charging Solutions [Webpage](#) for more information regarding the program
 - Join our [mailing list](#) to be notified of other opportunities
 - A recording of the webinar and these slides will be posted to the webpage following the event



REQUEST FOR PROPOSALS: VEHICLES-FOR-HIRE ELECTRIC VEHICLE CHARGING SOLUTIONS

Through this Request for Proposals the Massachusetts Clean Energy Center is seeking qualified consultants or professionals with experience in clean transportation to serve as a technical consultant and project manager under MassCEC's VFH Electrification Charging Solutions Program. The selected consultant will provide funding and technical assistance to carry out targeted charging station deployment projects.

About the VFH Electrification Charging Solutions Program

In January 2024, the Healey-Driscoll administration provided American Rescue Plan Act (ARPA) funds to MassCEC to develop a program that will improve access EV charging for taxi and TNC drivers. This Program aims to electrify a high-mileage transportation sector, which may help support the deployment of electric vehicles in rural communities and Environmental Justice Communities. In addition to increasing EV adoption for these drivers, MassCEC plans to pilot EVSE charging station hubs for TNC and taxi fleets. Access to fast, reliable, accessible charging has not been widely available in MA despite the need for these technologies. Through this Program, MassCEC intends to demonstrate successful deployments of innovative charging station hubs in order to promote wide-scale adoption of EVs across the Commonwealth.

Status

Open

Award Potential

\$7,200,000

Application Deadline

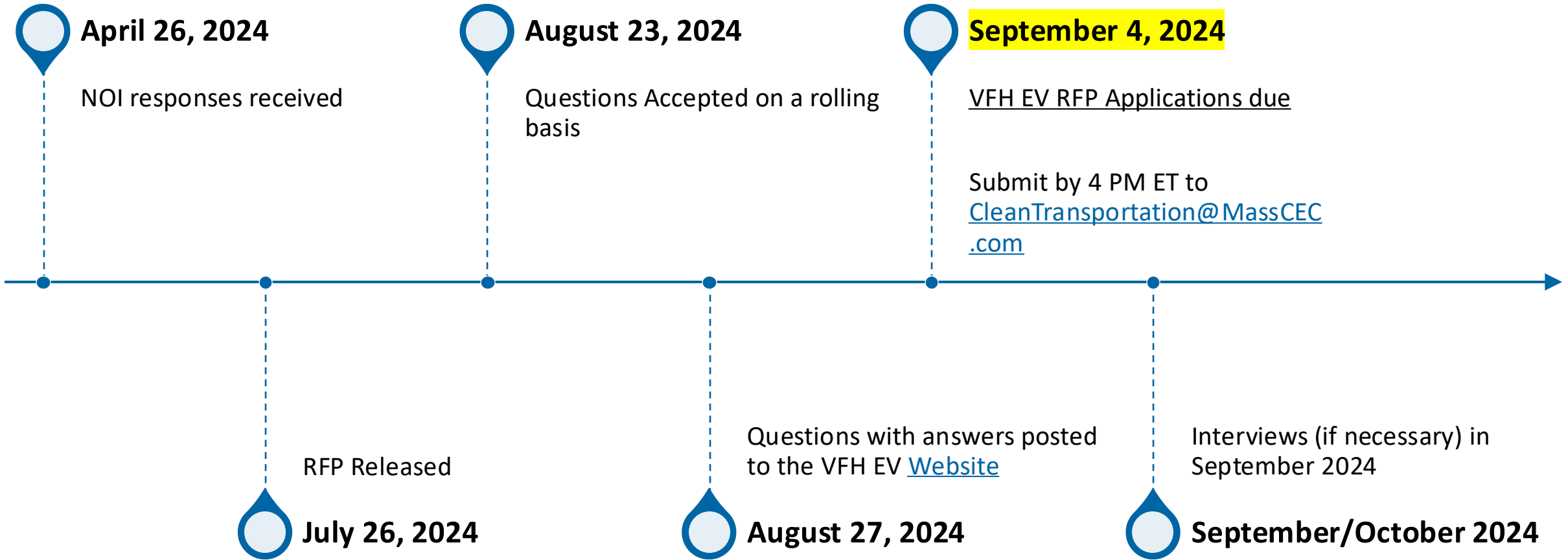
September 4, 2024 by 4 PM ET

Apply

Questions?

Contact

Timeline



Anticipated Questions

▶ **May entities be part of more than one Applicant Team?**

- Yes, Applicants may participate in multiple Applicant Teams.

▶ **How can I submit an application?**

- Applications should be emailed to cleantransportation@masscec.com no later than September 4th at 4 PM ET

▶ **Who should be part of an Applicant Team?**

- MassCEC is open to a variety of applicant teams. We encourage applicant teams to have expertise in engaging with program audiences and installing relevant infrastructure.

▶ **Can I apply if my Applicant Team is not all MA-based?**

- Yes, but MA-based teams are strongly encouraged.

▶ **Can I apply if I do not meet the suggested Supplier Diversity quota?**

- While MassCEC strongly encourages applicants to meet the 25% rule, applicants who make their best efforts are still encouraged to apply.

▶ **What is the term length of the program?**

- Funds will be allocated by December 31, 2024 and work is expected to begin January 2025
- All funds will be paid to the Technical Consultant by December 31, 2026



Thank you for joining us!



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