Electrification of Transportation Systems (ETS)

Pre-Application Conference 2

Forrest Watkins
ELECTRIFICATION OF TRANSPORTATION SYSTEMS
GRANTS MANAGER
04/16/2020
Please Note

1. This webinar will be recorded for future reference
2. Please use the chat box to submit questions during the webinar
3. All answers will be posted in writing to the program website at https://commerce.wa.gov/ets
4. The ETS Request for Applications has been revised. Please check the program website for the most up to date Request for Applications (RFA)
Agenda

1. ETS Program Overview & Objectives
2. Funding Information
3. Minimum Qualifications
4. Application Basics
5. Program Timeline (Revised)
6. Resources
7. Participant Q&A
Program Overview & Objectives

- ETS established for the “continued beneficial transformation of electric transportation markets in Washington State”
- Specifically, ETS funds Electric Vehicle Supply Equipment (EVSE) to support distributed, accessible, and reliable charging of battery EVs
Program Overview & Objectives

ETS will fund Electric Vehicle Supply Equipment that:

- Will operate for a minimum of five years,
- Are expected to be utilized upon installation, and
- Reflect community needs and experience, specifically highly impacted and vulnerable communities
Program Overview & Objectives

- Commerce electrification policy priorities:
  - Local government fleet electrification,
  - Multiple end-uses or users, and
  - Direct or indirect benefits to highly impacted and vulnerable communities.
Program Overview & Objectives

• ETS priority areas for innovation
  • Charging infrastructure technology,
  • Load management strategies,
  • Implementation or deployment strategies that overcome known or anticipated barriers to project implementation (For example: project financing), and
  • Meeting highly impacted and vulnerable community needs.
Funding

• Up to $10,670,000 available
• Funds from Washington State Capital Budget (state funds) and U.S. Department of Energy American Recovery and Reinvestment Act (federal funds)
• Award size: $25,000-$2,500,000
• Performance Based Awards – no up front payments
• 1:1 Match required, except if eligible for reduced match
• List of eligible and ineligible costs available in RFA SECTION 1.2
Funding

• Reduced Match Eligibility
  • Two options for reduced match eligibility
  • Either Option 1 OR Option 2 = 1:5 match requirement
  • BOTH Option 1 AND Option 2 = 1:10 match requirement
  • All sites must meet eligibility criterion for a project to be eligible for reduced match
Funding

- Reduced Match Eligibility Option 1:
  All project sites are located in cities or towns, or in absence of city/town-level data, in counties, that have a Median Household Income below $57,234 per year
Funding

Reduced Match Eligibility Option 2:
All project sites are located in census tracts that have a Washington Tracking Network’s “Environmental Health Disparities V 1.1” rank of “8” or above
Minimum Qualifications – Eligible Applicants

- Local Governments, Federally Recognized Tribal Governments, and Retail Electric Utilities – as defined in RFA
- Licensed to do business in the State of Washington – see RFA for alternatives
- In good standing with all applicable federal, state, and local laws and requirements, including with COMMERCE
- Responsive to communications from COMMERCE.
Minimum Qualifications - Projects

- Minimum of one, dual-plug connector EVSE*
- Located in Washington
- Includes outreach/education component
- Credit, debit, and prepaid cards must be accepted via onsite card reader (if there is a fee to charge)

- Projects must serve a minimum of one of the following (as defined in SECTION 1.7):
  - Public Transportation
  - Local or Tribal Government Fleet Vehicles
  - Workplace Charging
  - Multi-Unit Dwelling (MUD) Resident Charging
  - Public Charging
  - Port – Marine or Aircraft

*Unless Applicant can demonstrate no EVSE available can serve the purpose of the project while meeting this requirement; see RFA.
Minimum Qualifications - Equipment

- Open charge point protocol (OCPP) 1.6 compliant*
- Certified by Underwriters Laboratories, Inc., ETL listed or equivalent certification
- Certified to operate outdoors and in extreme weather conditions
- Level 2 charging: Society of Automotive Engineers (SAE) J-1772 standard
- Level 3 charging serving “Public Charging” end use: compatible with both CHAdeMO and CCS charging ports
- Commercially available in Washington State
- Minimum lifespan: 5 years
- Minimum warranty: 3 years*
- Must be able to accurately produce and record data as described in RFA SECTION 1.3*

*Unless Applicant can demonstrate no EVSE available can serve the purpose of the project while meeting this requirement; see RFA.
Application Basics

- Letter of Intent (LOI) (was due 3/5 for Local Governments and Retail Electric Utilities, will be due 5/29 for Federally Recognized Tribal Governments) – required to be eligible to submit corresponding Application. Uploaded under “Attachments” in ZoomGrants. Not scored.
- Application (due 6/1 for Local Governments and Retail Electric Utilities, 7/30 for Federally Recognized Tribal Governments) = Pre-Application + Full Application. Scored.
  - Pre-Application and Full Application due on same date, Pre-Application is evaluated first as stage gate
- LOI & Application submitted via ZoomGrants platform (link in RFA SECTION 2.1)
  - Application instructions including document templates available via ZoomGrants and RFA
Application Basics

• More information on application contents and scoring can be found in sections 3, 4.1, and 4.2 of the RFA
• Site information will be incorporated into scoring and match requirements
• Use layperson’s terms and remember that less is more – don’t bury the reviewer in attachments
## Program Timeline

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
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<tbody>
<tr>
<td>Question &amp; answer period (LGs &amp; Utilities)</td>
<td>02/05/2020-05/26/2020</td>
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<tr>
<td>Question &amp; answer period (Federally Recognized Tribal Governments)</td>
<td>04/06/2020-07/24/2020</td>
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<td>Letters of Intent due (LGs &amp; Utilities)</td>
<td>03/05/2020, 3 PM PT</td>
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<tr>
<td>Letters of Intent due (Federally Recognized Tribal Governments)</td>
<td>05/29/2020, 3 PM PT</td>
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<tr>
<td>Applications due (LGs &amp; Utilities)</td>
<td>06/01/2020, 3 PM PT</td>
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<tr>
<td>Applications due (Federally Recognized Tribal Governments)</td>
<td>07/30/2020, 3 PM PT</td>
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<td>Announce “Apparent Successful Grantee”</td>
<td>12/09/2020</td>
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<td>Hold debriefing conferences (if requested)</td>
<td>12/24/2020</td>
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<td>Negotiate contract</td>
<td>12/26/2020-5/25/2021</td>
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<tr>
<td>Begin contract work</td>
<td>No later than 05/26/2021</td>
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Key Resources

• When in doubt, refer back to these resources:
  • Request for Applications (RFA)
  • Applicant Q&A – updated weekly on program website
  • Webinar Recording – will be posted to program website soon.
  • Online Application at website listed in RFA SECTION 2.1
  • ZoomGrants technical support, if needed – questions@ZoomGrants.com
Questions?

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Thank you!

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