



Pre-Application Workshop for the Electric Vehicle Charging Infrastructure Solicitation

PON-13-606

California Energy Commission

Hearing Room A

November 22, 2013

Lindsee Tanimoto

Emerging Fuels & Technologies Office

Fuels and Transportation Division



Workshop Introduction

- Welcome
- Housekeeping/Logistics
- Agenda Review



Agenda

- Overview of the Solicitation
- Application Format and Required Documents
- Evaluation Process and Criteria
- Questions and Answers
- Adjourn



Solicitation Purpose

This is a competitive grant solicitation. The purpose of this solicitation is to fund electric vehicle charging infrastructure under four categories. The resulting projects will support the growth of electric vehicles as a conventional method of transportation and speed up the adoption of plug-in electric vehicles over a wide range of California's population and socio-economic classes.



Key Activities and Dates

ACTIVITY	ACTION DATE
Solicitation Release	November 8, 2013
Deadline for Written Questions*	November 22, 2013
Pre-Application Workshop*	November 22, 2013
Distribute Questions/Answers and Addenda (if any) to solicitation	November 27, 2013
Deadline to Submit Applications by 3:00 p.m.*	January 28, 2014
Anticipated Notice of Proposed Award Posting Date	March 2014
Anticipated Commission Business Meeting Date	May 2014
Anticipated Agreement Start Date	June 2014



Available Funding How Award is Determined

- Up to \$6.0 million total available.
- Four categories
- Minimum Requested Amount
- Maximum Award



Competitive Solicitation

- Applicants compete based on selection criteria and are scored and ranked based on those criteria.
- Highest scoring passing Applicants receive funding.
- The Energy Commission reserves the right to reduce the Agreement amount to an amount deemed appropriate in the event the budgeted funds do not provide full funding of Energy Commission Agreements.



Maximum Award Amount and Funding Cap

Category Number	Categories	Minimum Requested Amount	Maximum Award	Total Funding Available
I	Any single or combination of: Destination Charging Corridor Charging Workplace Charging with Public Access	\$50,000 per <u>Application</u>	\$500,000 per <u>Applicant</u>	\$4 million
II	Workplace Charging without Public Access	\$50,000 per <u>Application</u>	\$200,000 per <u>Applicant</u>	\$1 million
III	Rental MUDs	\$10,000 per <u>Application</u>	\$50,000 per <u>Applicant</u>	\$100,000
IV	Occupant Owned MUDs	\$50,000 per <u>Application</u>	\$300,000 per <u>Applicant</u>	\$900,000

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Eligible Applicants

- Private entities (including non-profit organizations and private universities).
- Public entities that can meet the requirements of this solicitation.
- Must have a business presence in California.
- All corporations, limited liability companies (LLCs) and limited partnerships (LPs) are required to register and be in good standing with the California Secretary of State to enter into an agreement with the Energy Commission.



Eligible Applicant (cont'd.)

Category Number	Categories	Eligible Applicants
I	Any single or combination of: <ul style="list-style-type: none"> • Destination Charging • Corridor Charging • Workplaces (Charging with Public Access) 	Non-profit Organizations and Public Agencies ONLY
II	Workplaces (Charging without Public Access)	No restrictions
III	Rental MUDs	No restrictions
IV	Occupant Owned MUDs	No restrictions



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Eligible Projects

The project must be located in California.

The project must fall under one of the four categories.



Category I Requirements

Destination Charging

Corridor Charging

Workplaces (Charging with Public Access)



Category I Requirements Destination Charging

- Public or non-profit agency
- Charging at any combination of Level 2, DCFC
- Public access
- Outreach to local PEV Coordinating Council
- Allow safe ingress and egress
- Include a maintenance plan
- EVSE at minimum accept credit cards
- EVSE not require subscription fee or membership
- EVSE use open source protocol
- Plan to optimize use of site for more than one PEV



Category I Requirements

Destination Charging

Corridor Charging

Workplaces (Charging with Public Access)



Category I Requirements

Corridor Charging

- Public or non-profit agency
- **Charging at DCFC**
- Public access
- **Site located within 1-mile of highway/freeway**
- Outreach to local PEV Coordinating Council
- **Document value to PEV drivers**
- Allow safe ingress and egress
- Include a maintenance plan
- EVSE at minimum accept credit cards
- EVSE not require subscription fee or membership
- EVSE use open source protocol
- **Site have adequate power and transformer capacity**



Category I Requirements

Destination Charging

Corridor Charging

Workplaces (Charging with Public Access)



Category I Requirements

Workplaces (charging with public access)

- Public or non-profit agency
- **Site within 50-mile concentric ring from major urban area**
- **Site located at non-residential place of business**
- **Provide letter of commitment of the business**
- Charging at any combination of Level 2, DCFC
- EVSE use open source protocol
- Public access



Category II Requirements

Workplaces (Charging without Public Access)

- Site within 50-mile concentric ring from major urban area
- Site located at non-residential place of business
- Provide letter of commitment of the business
- Charging at any combination of Level 2, DCFC
- EVSE use open source protocol



Category III Requirements

Rental MUDs

- Unassigned parking
- Established units
- Applicant is MUD owners or property management association
- EVSE use open source protocol
- Charging at any combination of Level 1, 2, DCFC
- Include a case study



Category IV Requirements

Occupant Owned MUDs

- Unassigned parking
- Established units
- Applicant is MUD owners or property management association
- EVSE use open source protocol
- Charging at any combination of Level 1, 2, DCFC
- Include a case study



Match Funding Requirements

Category Number	Categories	Match Funding Required
I	Any single or combination of: <ul style="list-style-type: none"> • Destination Charging • Corridor Charging • Workplaces (Charging with Public Access) 	Match must be at least 25% of requested funding or at least 20% of total budget identified in the application.
II	Workplaces (Charging without Public Access)	Match must be at least equal to requested funding or at least 50% of total budget identified in the application.
III	Rental MUDs (DEFINED AS OWNED BY SINGLE ENTITY)	Match must be at least 10% of requested funding.
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Application Format

- Typed or printed, 11-point font, single-spaced, and a blank line between paragraphs.
- Original and 6 copies of the Application.
- Electronic files of the Application on CD ROM or USB stick; files in Microsoft Word XP (.doc format) and Excel Office Suite formats.



Packaging and Labeling

Applicant's Name

Street Address

City, State, Zip Code

FAX #

California Energy Commission
Contracts, Grants & Loans Office
Attn: PON-13-606
1516 Ninth Street, MS-18
Sacramento, CA 95814



Preferred Method For Delivery

- U.S. Mail
- In Person
- Courier Service



Organization of Application

- Proposal Cover Page
- Table of Contents
- Application Form (Attachment 1)
- Project Narrative
- Scope of Work (Attachment 2)
- Schedule of Products and Due Dates (Attachment 4)
- Project Team
- Budget Forms (Attachment 5)
- Contacts (Attachment 6)
- CEQA Compliance Form (Attachment 7)



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Evaluation Process

- Stage One: Screening Criteria
 - Administrative Screening
 - Technical Screening
- Stage Two: Technical Evaluation
 - Total score average of the combined scores.
 - Minimum passing score is 70%.
 - Applications recommended for funding beginning with the highest ranked, until available funding is exhausted.



Evaluation Process

- **Stage One: Screening Criteria**
 - **Administrative Screening**
 - **Technical Screening**
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Evaluation Process

Grounds to Reject an Application

False or intentionally misleading statements or references

Erroneously and fallaciously mislead the State in its evaluation

Does not comply or contain caveats conflicting with solicitation



Evaluation Process

- Stage One: Screening Criteria
 - Administrative Screening
 - Technical Screening
- **Stage Two: Technical Evaluation of Application**
 - Total score average of the combined scores.
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 - Applications recommended for funding beginning with the highest ranked, until available funding is exhausted.



Evaluation Criteria

1. Application narrative
2. Appropriateness of equipment location and type
3. Team experience, qualifications, and organizational structure
4. Project implementation
5. Project benefits
6. Project budget and economic benefits
7. Innovation and sustainability



Evaluation Criteria

- 1. Application narrative (15 points)**
 - a) Minimum requirements
 - b) Project eligibility
 - c) Demonstrates clear market vision

- 2. Appropriateness of equipment location and type**
- 3. Team experience, qualifications, and organizational structure**
- 4. Project implementation**
- 5. Project benefits**
- 6. Project budget and economic benefits**
- 7. Innovation and sustainability**



Evaluation Criteria

1. **Application narrative**
2. **Appropriateness of equipment location and type (15 points)**
 - a) Site is compelling and justified
 - b) EVSE is justified for use
 - c) EVSE is appropriate for demand
 - d) Site characteristics
3. **Team experience, qualifications, and organizational structure**
4. **Project implementation**
5. **Project benefits**
6. **Project budget and economic benefits**
7. **Innovation and sustainability**



Evaluation Criteria

1. **Application narrative**
2. **Appropriateness of equipment location and type**
3. **Team experience, qualifications, and organizational structure (15 points)**
 - a) Qualifications of team
 - b) Organizational structure
 - c) Team member roles
 - d) Relevant completed work
4. **Project implementation**
5. **Project benefits**
6. **Project budget and economic benefits**
7. **Innovation and sustainability**



Evaluation Criteria

4. Project implementation (15 points)

- a) Realistic schedule
- b) Completion on time
- c) Site owner commitment
- d) Coordination with regional PEV council
- e) Site integration into Statewide network
- f) Plan for continuous improvement to consumer needs
- g) Charge fee and adequate signage



Evaluation Criteria

1. **Application narrative**
2. **Appropriateness of equipment location and type**
3. **Team experience, qualifications, and organizational structure**
4. **Project implementation**
5. **Project benefits (20 points)**
 - a) Site meets future needs
 - b) Station will be used
 - c) Prospective drivers will invest in PEV
 - d) Reduce future cost of charging station
 - e) Estimates are reasonable, appropriate, and documented



Evaluation Criteria

- 6. Project budget and economic benefits (10 points)**
 - a) Benefit-Cost number of GHG emissions
 - b) Costs are reasonable and justified
 - c) Need for State funding
 - d) Match funding is committed
 - e) Direct and indirect economic benefits
 - f) Estimates are reasonable, appropriate, and documented



Evaluation Criteria

7. Innovation and sustainability (10 points)

- a) Innovative or advanced features
- b) Expectation of GHG and air quality
- c) Benefits to economically disadvantaged communities
- d) Estimates are reasonable, appropriate, and documented



Notice of Proposed Award

- Results
- Final amount of funds awarded.
- Provide partial funding (agreement on a reduced scope of work).
- Debriefing after the release of the NOPA.



Confidential Information

- Applications marked confidential will not be accepted.
- Applications from receipt to NOPA are confidential.



Modifying or Withdrawal of Application



Resources

<http://www.energy.ca.gov/contracts/transportation.html#PON-13-606>

Statewide and Regional PEV Readiness Reports

<http://www/pevcollaborative.org/pev-readiness-reports>

PEV Readiness Toolkit

<http://www/pevcollaborative.org/toolkit>

ZEVs in California: Community Readiness Guidebook

<http://opr.ca.gov/>



Questions and Answers

- Accepting oral questions during this workshop.
- Accepting written questions until November 22, 2013.
- Please send your questions to:

Tatyana Yakshina, Commission Agreement Officer

California Energy Commission

1516 Ninth Street, MS-18

Sacramento, California 95814

Telephone: (916) 654-4204

FAX: (916) 654-4423

E-mail: **Tatyana.Yakshina@energy.ca.gov**



Questions and Answers



Adjourn

Thank you for your participation in
today's workshop.