Advanced Vehicle Technology Manufacturing

Pre-Application Workshop
(PON-14-604)

Darren Nguyen
September 19, 2014
Agenda

Welcome and Introductions

Solicitation Overview

Questions and Answers
Alternative and Renewable Fuels and Vehicle Technology Program (ARFVTP)

- **AB 8 (Perea, Chapter 401, Statutes of 2013)** extends ARFVTP through January 1, 2024.

- Receives up to $100 million per year to:
  - Transform California's transportation market into a diverse collection of alternative fuels and technologies and reduce California’s dependence on petroleum.
  - Develop and deploy innovative technologies that transform California's fuel and vehicle types to help attain the state’s climate change policies.
Solicitation Purpose

- Cost-share the development of manufacturing and/or assembly facilities in California that produce alternative fuel vehicles, advanced technology vehicles, and/or eligible vehicle components.

- Encourage investment in California-based manufacturing facilities that produce alternative fuel vehicles and/or eligible components that help the State meet greenhouse gas emissions and petroleum fuel demand reduction goals.
Funding

• Competitive grant solicitation

• $10 million is the total funding available for this solicitation

• $3 million is the maximum funding request per application

• $1 million is the minimum funding request per application

• 50% non-state match share including cash, or cash and in-kind

• CEC reserves the rights to increase/decrease funding amount
Eligible Applicants

• Open to business entities, vehicle and technology entities, and public-private partnerships

• Business presence in California.

• Registered and in good standing with the California Secretary of State
Eligible Projects

Manufacturing of complete alternative fuel vehicles or alternative fuel vehicle components (drivetrain, powertrain, or alternative fuel system) including:

- Pilot manufacturing lines
- Manufacturing line retooling
- Expansion of existing manufacturing lines
- Addition of a new manufacturing line
Definitions

“Manufacturing” means the manufacture, assembly, or production of product(s).

“Eligible vehicle” means a two- or four-wheel passenger or commercial light-duty vehicle, a medium- or heavy-duty truck, buses, or non-road vehicles. Eligible vehicles must use an electric or hybrid-electric propulsion system, electric battery or hybrid-electric storage systems, or an alternative fuel propulsion system.

“Eligible component” means a manufactured component whose use is specifically integrated into the drive train or power train or alternative fuel system of an alternative fuel vehicle.
Projects Not Eligible

- Paper studies (e.g., funding feasibility, engineering studies)
- Surveys
- Research
- Prototype testing to meet certification protocol
Project Selection and Award

- Competitive grant application process.
- Must pass Screening Criteria and Scoring Criteria.
- Must achieve a score of at least 70% (21 of 30 points) under the Business Plan scoring criterion.
- Must achieve an overall score of at least 70% to be considered for funding.
Project Selection and Award

- Proposals ranked and recommended for funding according to overall score.
- Results released through a published Notice of Proposed Award (NOPA).
- Energy Commission will finalize agreement documents.
- Agreement presented at a Business Meeting for approval.
California Environmental Quality Act (CEQA)

- All projects are subject to CEQA review
- Applicants are strongly encouraged to identify the appropriate Lead Agency with authority to determine CEQA compliance.
- Applicants must comply with CEQA within 6 months of NOPA release.
- The extent of CEQA compliance will be evaluated in technical scoring criteria
- No project can be approved at an Energy Commission Business Meeting without documented CEQA compliance.
Application Requirements

- **Proposal Cover Page:** Must include a complete and signed cover page shown in Attachment 1.

- **Executive Summary:** Must include project description, project goals, projected costs and yields, and any other quantitative and measurable objectives to be achieved (1 page limit).

- **Project Narrative:** Detailed description of the proposed project, including the entity that will own and operate the proposed project, and operational goals and objectives. Includes responses to scoring criteria. (20 Page limit)
Application Requirements

- **Scope of Work and Schedule:** Attachments 2 and 4. All work must be scheduled for completion by **March 31, 2019**.

- **Project Team:** Identify all personnel assigned to the project and their areas of responsibility. Include resumes of key personnel. Provide letters of commitment from project partners.

- **Budget:** Complete budget forms contained in attachment 5, major subcontractor(s) required to complete attachment 5 separate from the Recipient.
Application Requirements

- **CEQA Compliance Form:** Must complete Attachment L. The Energy Commission requires this information to assist its own determination under the California Environmental Quality Act.

- **Local Health Impacts Information:** Must complete Attachment 8. The Energy Commission requires this information to comply with the Air Quality Guidelines for the ARFVT Program.
Applications **WILL** be Rejected if...

- Application not received by the Energy Commission’s Grants and Loans Office by the specified due date and time.
- Cover Page not signed by authorized representative.
- Minimum 50% non-state match funding not in budget.
- Source of match funding not disclosed or the application does not provide verification and documentation for the match funding, including letters of commitment from project partners.
- Project partners are not identified or documentation confirming their participation is not provided.
- Project is not an Eligible Project (Section II).
- Application contains confidential information.
Applications **MAY** be Rejected if…

- Any Application Requirement (Section III) item listed is missing or incomplete.

- Budget (Attachment 5) or Scope of Work (Attachment 2) forms are missing or incomplete.

*Read the complete Program Opportunity Notice for full application requirements.*
Scoring Criteria

1. Qualifications of the Project Team: 10 points
2. Business Plan: 30 points
3. Project Implementation: 10 points
4. Project Budget: 20 points
5. Benefits: 30 points

Total: 100 points
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Solicitation Release</td>
<td>September 9, 2014</td>
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<td>Proposal Workshop</td>
<td>September 19, 2014</td>
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<td>Deadline to Submit Questions</td>
<td>September 22, 2014</td>
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<td>Post Answers</td>
<td>~ October 10, 2014</td>
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<td><strong>Application Deadline</strong></td>
<td><strong>November 7, 2014, 3 pm</strong></td>
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<tr>
<td>Post Notice of Proposed Awards</td>
<td>~ January 9, 2015</td>
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<tr>
<td>Commission Business Meeting</td>
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Questions

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Recommend all questions be submitted in writing and emailed.