



# California Energy Commission

RFP-24-601: Technical Assistance for Medium- and Heavy-Duty (MDHD) Zero-Emission Vehicle (ZEV) Infrastructure Blueprint Development

August 7, 2024



# Meeting Agenda

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- Welcome and Housekeeping
- Request for Proposal (RFP) Overview
- Questions and Answers
- Conclusion



# Housekeeping

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- Workshop is being recorded
- Virtual participation possible through Zoom
  - Raise your hand or use the Q&A feature
  - Telephone participants dial \*9 to raise their hands and \*6 to unmute
- Written questions to the Commission Agreement Officer (CAO):
  - Lisa Linares, [Lisa.Linares@energy.ca.gov](mailto:Lisa.Linares@energy.ca.gov)
  - Subject: Technical Assistance for Medium- and Heavy-Duty (MDHD) Zero-Emission Vehicle (ZEV) Infrastructure Blueprint Development



# Purpose

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- Select a single, experienced Prime Contractor to lead a team of professional engineering, design, and environmental professionals to support the Clean Transportation Program (CTP).
- Provide technical support for and to develop planning “blueprint” documents.
  - Identify actions and milestones needed for implementation of MDHD ZEVs and infrastructure.
    - Accelerate deployment of MDHD ZEVs and ZEV infrastructure





# Scope of Work

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- Task 1: Agreement Management
- Task 2: Outreach
- Task 3: Preliminary Site Assessment of Applicant Site Location
- Task 4: Blueprint



# Task 1: Agreement Management

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- Sub-Tasks
  - Attend Kick-Off Meeting
  - Invoices
  - Management of Work Authorizations
  - Manage Subcontractors
  - Monthly Calls
  - Quarterly Progress Reports
  - Final Report
  - Final Meeting



# Task 2: Outreach

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- Contractor duties:
  - Outreach plan to solicit MDHD applicants
  - Coordinate and hold public workshops
  - Education and Outreach Materials
  - Development of a Preliminary Site Assessment Template
  - Development of a Blueprint Template
- Commission Agreement Manager (CAM) duties:
  - Workshop notices, links, workshop recordings
  - Solicit and collect Blueprint applications



# Task 3: Preliminary Site Assessment

- Preliminary Site Assessment for each approved blueprint project to understand prior work completed and current operations and operational needs.
  - Preliminary Site Assessment Activities:
    - List of prior work completed for Blueprint Applicant's site location
    - Interviewing site personnel
    - Reviewing site location's latest utility data and other operating data
    - Conducting walk-through survey of the site location (virtual or on-site) being planned for ZEV infrastructure installation





# Task 4: Blueprint

- Develop planning “blueprint” documents for each CEC-approved Blueprint Applicant that will provide a detailed outline and plan for transition to ZEV technology.
  - Comprehensive and implementable Blueprint to assist Blueprint Applicant and fleet in complete transition of identified site to zero-emission and ensure capability of infrastructure
  - Blueprint shall include:
    - Actions and milestones needed for implementation of MDHD ZEVs and zero-emission charging or refueling infrastructure
    - Summary of engagement with stakeholders
    - Summary of MDHD electric vehicle charging and/or hydrogen refueling options
    - Projections of emission reductions



# Task 4: Blueprint (Continued)

- Other items to be included in the Blueprint:
  - If MDHD electric vehicle charging infrastructure is chosen for this blueprint, the blueprint shall include:
    - The ability to support emerging connectors and/or interfaces for heavy-duty vehicles, open standards-based network communications, the inclusion of appropriate VGI standards, and/or other methods for enhancing grid-reliability by providing data to utilities to predict charging behavior and associated impacts on the grid
    - How the project integrates energy storage for the electricity grid or uses curtailed or dedicated renewable energy as a source for renewable hydrogen
    - The use of interoperable MDHD charging connectors and/or charging interfaces compatible with MDHD vehicles sold by multiple original automotive equipment manufacturers for widespread use across California and North America
    - Other methods for enhancing grid-reliability by providing data to utilities to predict charging behavior and associated impacts on the grid



# Task 4: Blueprint (Continued)

- Blueprint should also include:
  - Analysis of the combination of fueling technologies and systems
  - Documentation of actions or steps already adopted
  - Identification of steps already taken or that will need to be taken in order to ensure a safety plan is in place for needed hydrogen refueling infrastructure
  - Identification of analytical tools, software applications, and data needed to improve future MDHD ZEV infrastructure planning activities
  - Identification of new skills or knowledge necessary to support MDHD ZEV infrastructure
  - Summary of outreach to community colleges, community-based organizations, and community leaders



# Task 4: Blueprint (Continued)

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- Blueprint should also include:
  - Local job creation
  - Benefits that would accrue to disadvantaged communities, low-income communities, priority populations, and/or tribal lands to the maximum extent possible



# Eligibility

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- Bidders must meet all solicitation requirements
- Open solicitation for public and private entities
- Must be able to work throughout California without jurisdiction limits
- Standard Terms and Conditions (Attachment 9)
- Dept. of General Services Lab Terms
- CA Secretary of State Registration



# Proposal Requirements

## Section 1: Administrative Response

- Cover Letter
- Table of Contents
- Contractor Status Form
- Darfur Contracting Act Form
- Small Business Certification (*if applicable*)
- Disabled Veteran Business Enterprise Form
- Bidder Declaration form GSPD-05-105
- Contractor Certification Clauses
- TACPA Forms (*if applicable*)
- Iran Contracting Act Form
- CA Civil Rights Laws Certification
- GenAI Reporting & Factsheet Form

## Section 2: Technical Response and Cost Proposal

- Approach to Tasks in Scope of Work
- Organizational Structure
- Relevant Experience and Qualifications
- Labor Hours by Personnel and Task
- Narrative Budget Questions
- Client Reference Forms
- Past Performance Reference Form
- Budget Forms
- Hypothetical Questions





# Evaluation Process

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- Stage One: Administrative and Completeness Screening
- Stage Two: Technical and Cost Evaluation of Proposals
  - Maximum Points Available under this RFP are 150
  - Minimum Passing Score is 70% or 105 points



# Scoring

Technical Response	Possible Points
Approach to Tasks in Scope of Work	15
Organizational Structure	15
Relevant Experience and Qualifications	30
Narrative Budget Questions	15
Client Reference Form(s)	10
Hypothetical Questions	20
<b>Total</b>	<b>105</b>

Cost Criteria	Possible Points
Total Expected Labor Cost (Cost Points)	30
Cost Justification (Cost Points)	15
<b>Total</b>	<b>45</b>



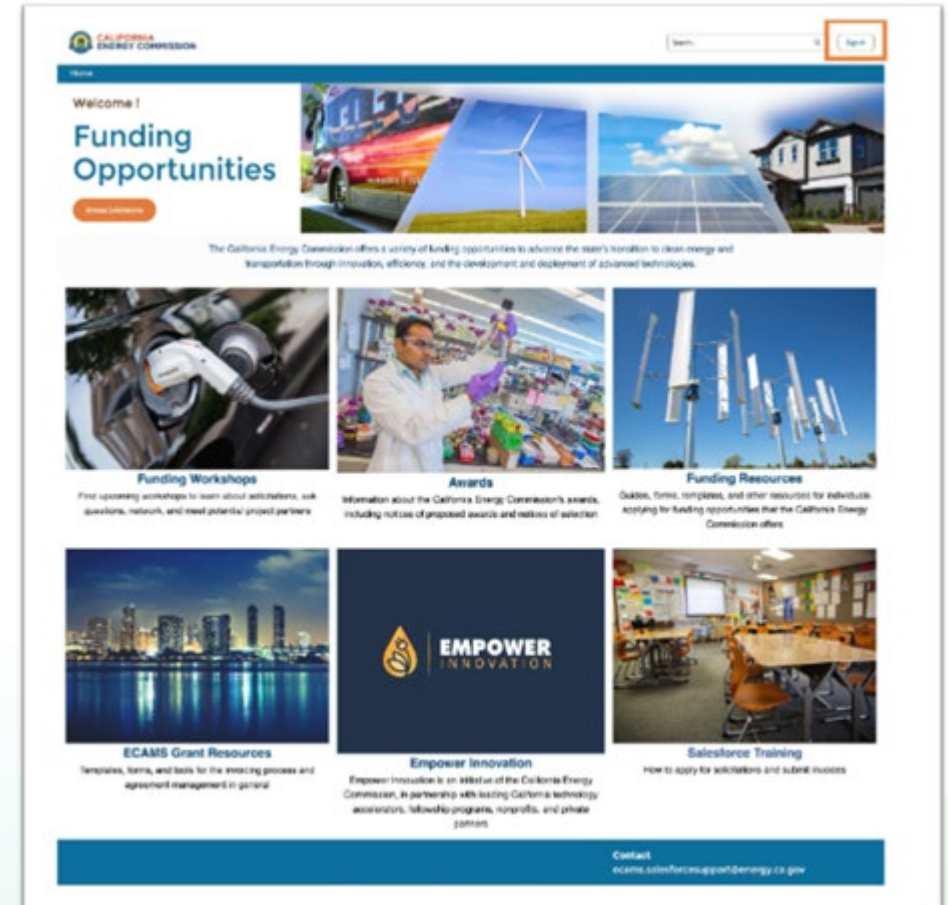
# Disabled Veteran Business Enterprise (DVBE) Requirements

- This RFP is subject to mandatory certified DVBE participation of at least three percent (3%).
- Two Methods to Meet DVBE Participation Requirements
  1. If Bidder is a DVBE, then Bidder has satisfied the participation requirements if it commits to performing at least 3% of the contract with the Bidder's firm, or in combination with other DVBE(s).
  2. If Bidder is not a DVBE, Bidder can satisfy the requirement by committing to use certified DVBE Subcontractors for at least 3% of the contract.



# How To Submit The Proposals

- Applications will be submitted through the Energy Commission Agreement Management System (ECAMS), available at: <https://ecams.energy.ca.gov/>
- **Applicants must have or create a user account to apply for this solicitation.** To create an account, please see the guidance document titled [User Registration Instructions](#)
- Note: One account manager per organization, but users can be added by account manager





# RFP Submission Resources

- For detailed instructions on how to submit an application, please see the [Applying for a Solicitation](#) guidance document
- Guidance documents are available at <https://www.energy.ca.gov/funding-opportunities/funding-resources> under *General Funding Information*
- Questions about the ECAMS system can be sent to: [ECAMS.SalesforceSupport@Energy.ca.gov](mailto:ECAMS.SalesforceSupport@Energy.ca.gov)





# ECAMS Screenshots

[Home](#)[Solicitations](#)[My Proposals](#)[Agreements](#)[Invoices](#)

[Details](#)[Attachments](#)[Past Agreements](#)[Budget Summary](#)[Direct Labor](#)[Fringe Benefits](#)[Travel](#)[Equipment](#)[Materials & Miscellaneous](#)[Sub-Contractors](#)[Indirect Costs](#)[Profit](#)

Solicitation Files (24)

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DOCUMENT TYPE	DOCUMENT NAME	FILE EXTENSION	DOWNLOAD TEMPLATE	SUBMISSION	
O-00 Solicitation Manual	00 Solicitation Manual	docx	Download	No response needed	<a href="#">Upload File</a>
O-00 Standard Agreement Example	00 Standard Agreement Example	pdf	Download	No response needed	<a href="#">Upload File</a>
O-00 Standard Work Authorization Example	00 Standard Work Authorization Example	docx	Download	No response needed	<a href="#">Upload File</a>
O-01 Cover Letter	01 Cover Letter	docx	Download	Required	<a href="#">Upload File</a>
O-02 Table of Contents	02 Table of Contents	docx	Download	Required	<a href="#">Upload File</a>
O-03 Contractor Status Form	03 Contractor Status Form	docx	Download	Required	<a href="#">Upload File</a>
O-04 Darfur Contracting Act Form	04 Darfur Contracting Act Form	docx	Download	Required	<a href="#">Upload File</a>
O-05 Small Business Certification	05 Small Business Certification	docx	Download	Optional	<a href="#">Upload File</a>
O-06 Completed Disabled Veteran Business Enterprise form	06 Completed Disabled Veteran Business Enterprise form	pdf	Download	Required	<a href="#">Upload File</a>
O-07 Bidder Declaration form GSPD-05-105	07 Bidder Declaration form GSPD-05-105	pdf	Download	Required	<a href="#">Upload File</a>

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# ECAMS Screenshot – Page Size



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Energy Commission Agreement Management System

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Pilot Testing/Demonstration/Deployment Site

Edit Application

Submit Application

Details   **Attachments**   Past Agreements   Budget Summary   Direct Labor   Fringe Benefits   Travel   Equipment   Materials & Miscellaneous   Sub-Contractors   Indirect Costs   Profit

Solicitation Files (24)



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O-00 Solicitation Manual	00 Solicitation Manual	docx	Download	No response needed <a href="#">Upload File</a>
O-00 Standard Agreement Example	00 Standard Agreement Example	pdf	Download	No response needed <a href="#">Upload File</a>
O-00 Standard Work Authorization Example	00 Standard Work Authorization Example	docx	Download	No response needed <a href="#">Upload File</a>
O-01 Cover Letter	01 Cover Letter	docx	Download	Required <a href="#">Upload File</a>
O-02 Table of Contents	02 Table of Contents	docx	Download	Required <a href="#">Upload File</a>
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Upload Non-required Docs



# Uploading Required Documents

Home   Solicitations   My Proposals   Agreements   Invoices						
Details <b>Attachments</b> Past Agreements   Budget Summary   Direct Labor   Fringe Benefits   Travel   Equipment   Materials & Miscellaneous   Sub-Contractors   Indirect Costs   Profit						
Solicitation Files (24) <span>Filter</span> <span>Refresh</span>						
DOCUMENT TYPE	DOCUMENT NAME	FILE EXTENSION	DOWNLOAD TEMPLATE	SUBMISSION		
O-00 Solicitation Manual	O0 Solicitation Manual	docx	<a href="#">Download</a>	No response needed	<a href="#">Upload File</a>	
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O-01 Cover Letter	O1 Cover Letter	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>	
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O-09 TACPA Forms	O9 TACPA Forms	docx	<a href="#">Download</a>	Optional	<a href="#">Upload File</a>	
O-10 Iran Contracting Act Form	10 Iran Contracting Act Form	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>	
O-11 CA Civil Rights Laws Certification	11 CA Civil Rights Laws Certification	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>	
O-12 GenAI Reporting & Factsheet Form	12 GenAI Reporting & Factsheet Form	pdf	<a href="#">Download</a>	Required	<a href="#">Upload File</a>	
O-13 Appendix to Table of Contents	13 Appendix to Table of Contents	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>	



# Uploading Non-required Documents

0-14 Organizational Structure	14 Organizational Structure	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-15 Relevant Experience and Qualifications	15 Relevant Experience and Qualifications	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-16 Labor Hours by Personnel and Task	16 Labor Hours by Personnel and Task	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-17 Narrative Budget Questions	17 Narrative Budget Questions	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-18 Client Reference Forms	18 Client Reference Forms	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-19 Past Performance Reference Form	19 Past Performance Reference Form	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-20 Budget Forms	20 Budget Forms	xlsx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>
0-21 Hypothetical Questions	21 Hypothetical Questions	docx	<a href="#">Download</a>	Required	<a href="#">Upload File</a>

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# RFP Submission

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Submit applications early!

**ECAMS will stop accepting application documents promptly at the deadline of 11:59 p.m. on September 20, 2024.**

Applications in the process of being submitted prior to the deadline will NOT be accepted after the deadline.



# Tentative Key Activities and Dates

Key activities including dates and times for this RFP are presented below. An addendum will be released if the dates change for the asterisked (\*) activities.

ACTIVITY	ACTION DATE
RFP-24-601 Release	July 17, 2024
Deadline for Written Questions*	August 7, 2024
Pre-Bid Conference*	August 7, 2024
Distribute Questions/Answers and Addenda (if any) to RFP	Anticipated Week of August 19, 2024
Deadline to Submit Proposals by 11:59 p.m.*	<b>September 20, 2024</b>
Notice of Proposed Award (NOPA)	Anticipated Week of October 28, 2024
Commission Business Meeting	January 2025
Contract Start Date	January 2025
Contract Termination Date	June 30, 2028



# Questions and Answers

- Please introduce yourself by stating your name and affiliation.
- Please submit your question in written in writing to ensure it is addressed properly.
- Our official response will be provided in writing, and we anticipate posting the Q&A document the week of August 19, 2024 to the funding opportunity webpage:  
<https://www.energy.ca.gov/solicitations/2024-07/rfp-24-601-technical-assistance-medium-and-heavy-duty-mdhd-zero-emission>
- **Questions are due by 5 PM today, August 7, 2024.**
- Submit written questions to CAO:
  - Lisa Linares: [Lisa.Linares@energy.ca.gov](mailto:Lisa.Linares@energy.ca.gov)
  - Subject: RFP-24-601 – Technical Assistance for Medium- and Heavy-Duty (MDHD) Zero-Emission Vehicle (ZEV) Infrastructure Blueprint Development





# Whom to Contact?

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Commission Agreement Officer (CAO)

Lisa Linares

Email: [Lisa.Linares@energy.ca.gov](mailto:Lisa.Linares@energy.ca.gov)



# Thank You!