



GFO-24-611 Pre-Application Workshop

Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 2.0

Fuels and Transportation Division
April 10, 2025 | 10:00 a.m.



Workshop Agenda

- Welcome and Introductions
 - Diversity Survey
 - Empower Innovation
 - Clean Transportation Program
- Solicitation Overview
 - Process
 - Purpose
 - Eligibility and Requirements
- Application Components
- Application Evaluation
- Application Submittal
- Questions & Answers
- Next Steps
- Adjourn



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Housekeeping

- Workshop is recorded on Zoom
- Grant Funding Opportunity Webpage:
<https://www.energy.ca.gov/solicitations/2025-03/gfo-24-611-implementation-medium-and-heavy-duty-zero-emission-vehicle>
- Virtual Participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer:
Enrico Palo, email: enrico.palo@energy.ca.gov
Subject: GFO-24-611
Q&A Deadline: Wednesday, April 16, by 5:00 PM PST



Commitment to Diversity

The CEC adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this comment, CEC staff conducts outreach efforts and activities to:

- Engage with disadvantaged and underrepresented groups throughout the state;
- Notify potential new applicants about the CEC's funding opportunities;
- Assist applicants in understanding how to apply for funding from the CEC's programs;
- Survey participants to measure progress in diversity outreach efforts.



Diversity Survey



Scan the code on a phone or tablet with a QR reader to access the survey.

One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or tablet to access the survey.

Survey will be closed at the end of the day.

Survey Link: <https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTtQ-G7GrbGJFmZJPv38ckjJUOTVaMIVUV0syRzc5SVFYQTVLVEUxTUITVy4u>



Find Partners on EmpowerInnovation.net

Empower Innovation aims to accelerate your clean tech journey with easy access to funding opportunities from the Energy Commission and others, resources and events, and connections to people and organizations.

www.empowerinnovation.net

FIND A PARTNER

Announce your interest in funding opportunities and message potential project partners directly.

RESOURCES & TOOLS

Browse the collection of resources including Resource Libraries, Funding Sources, Tools, and Databases.

To connect with others for this GFO please go to **[this link](https://www.empowerinnovation.net/en/custom/funding/view/46697#)**:

<https://www.empowerinnovation.net/en/custom/funding/view/46697#>



EmpowerInnovation.net

Empower Innovation Video

Please direct all questions for the Empower Innovation platform to:

https://www.empowerinnovation.net/en/contact_us



Clean Transportation Program

- Established in 2007 by Assembly Bill 118 (2007)
- AB 126 re-authorized the Clean Transportation program through July 1, 2035
- Provides approximately \$95 million of funding per year
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development

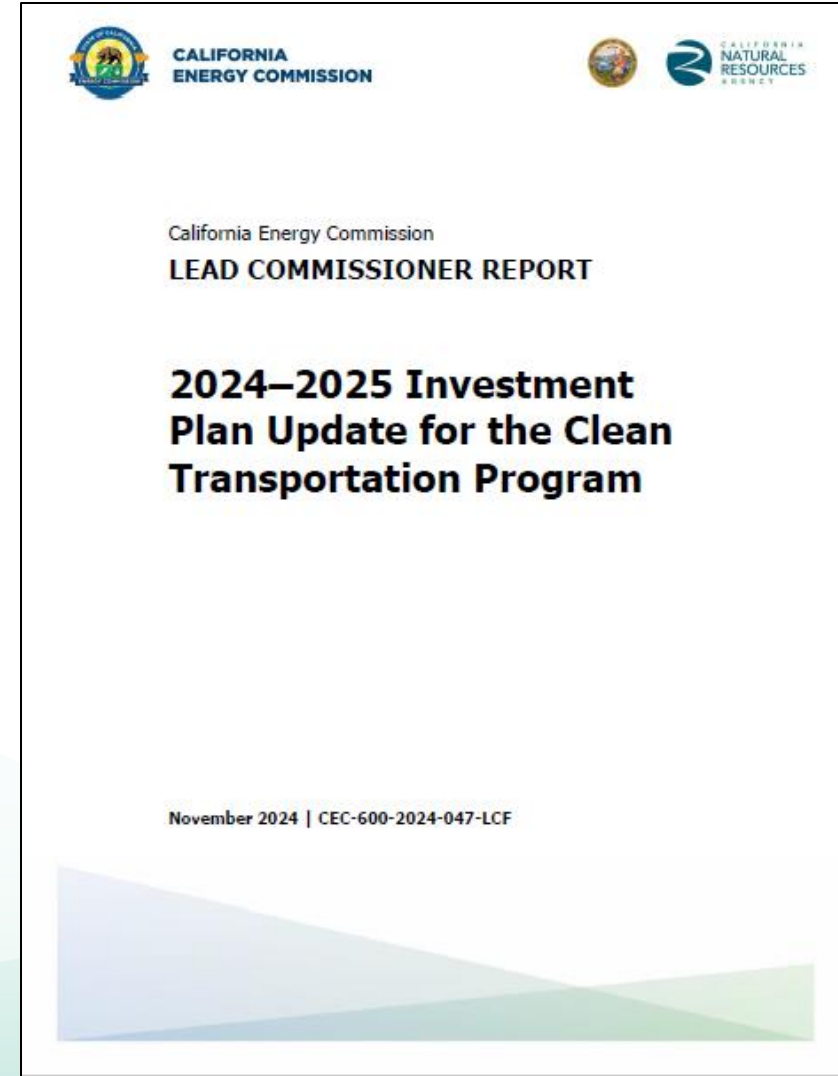


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Reference Documents

- [2024-2025 Investment Plan Update for the Clean Transportation Program Lead Commissioner Report \(CEC-600-2024-047\)](#)
- [Energy Commission Agreement Management System \(ECAMS\)](#)
- California Department of Food and Agriculture, Division of Measurement Standards. [Zero-Emission Vehicle Projects](#)
- [California Climate Investments – Priority Populations. Priority Populations Resources — California Climate Investments](#)
- [Executive Order N-79-20](#)
- GFO-23-603 - [Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 1.0](#)





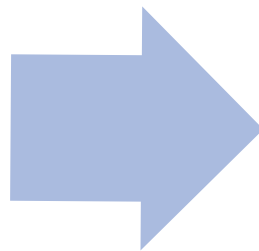
Solicitation Overview

Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 2.0



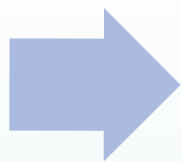
Solicitation Process

Solicitation Release
March 28, 2025

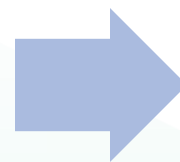


Applications Due
June 6, 2025

Notice of
Proposed
Awards
July 2025



CEC Business
Meeting
**November
2025**



Project Start
Q4 2025



Purpose of Solicitation

- Competitive grant solicitation
- Support projects that will implement MDHD ZEV charging or hydrogen refueling infrastructure projects developed and identified in the final blueprint planning documents resulting from GFO-20-601, "Blueprints for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure."
- Focus on deployment of EVSE and hydrogen dispensers for MDHD applications and serve as a model for replication



Available Funding/ Minimum Infrastructure Requirements and Maximum Award

- A total of \$20 million is available under this solicitation



<u>Project Type</u>	<u>Minimum Infrastructure Requirement</u>	<u>Maximum Award Amount</u>
Group 1: Small Project	At least 10 new charging ports or at least 1 new hydrogen fueling position	Up to \$2.5 million
Group 2: Large Project	At least 20 new charging ports or at least 2 new hydrogen fueling positions	Up to \$5.0 million



Applications and Awards

- Solicitation has two Applicant Groups:
 - Group 1: Small Project
 - Group 2: Large Project
- Applicants may submit multiple applications.
- The CEC expects to recommend an award to the highest scoring, passing application from each Project Type.
- The CEC will award the next overall highest scoring application(s), regardless of Project Type, in ranked order until all funds available under the solicitation are exhausted.
- If remaining solicitation funds are insufficient to fully fund a grant proposal, the CEC reserves the right to recommend partially funding that proposal.



Eligible Applicants

- Categories of Applicants
 - All previously funded GFO-20-601 CEC-blueprint awardees, or case study participants identified within the completed blueprints.
 - Applicants who previously received funding under the Implementation of MDHD ZEV Infrastructure Blueprints solicitation (GFO-23-603) are eligible to apply again, provided the proposed project pertains to a different site identified in the blueprint and supports infrastructure for a different fleet.
- Requirements
 - Applicants must accept Terms and Conditions, without negotiation.
 - Applicants are required to register with the California Secretary of State and be in good standing to enter into an agreement with the CEC.



Project Requirements

All projects must:

- Include installation of EV charging or hydrogen refueling stations for MDHD vehicles.
- Be installed in California for public and/or private use.
- Either have or acquire new MDHD ZEVs, off-road equipment, or specialty vehicles that will utilize the new charging or hydrogen refueling equipment proposed to be installed.
- Operate each proposed station and maintain its open status for a minimum of six years.



Project Requirements (continued)

For EV Charging:

- Minimum 10 **new** DCFCs or charging ports for simultaneous charging for Small Project.
- Minimum 20 **new** DCFCs or charging ports for simultaneous charging for Large Project.
- ❑ Each charging port must be capable of at least 80 kW.

For Hydrogen Refueling:

- Minimum 1 heavy-duty hydrogen dispensing platforms for simultaneous refueling for Small Project.
- Minimum 2 heavy-duty hydrogen dispensing platforms for simultaneous refueling for Large Project.



Project Costs (CEC Reimbursable or Match Share)

EV eligible project costs include:

- Electric vehicle supply equipment (EVSE)
- Transformers
- Electric panels
- Conduit
- Wiring
- Meters
- Installation costs
- Demand management equipment
- Planning and engineering design
- Commissioning
- Utility service upgrades
- Project management, EV charging infrastructure workforce development & Engagement and outreach (7.5% of total CEC grant funds cap)

Hydrogen eligible project costs include:

- Compressors
- Cryogenic pumps
- Dispenser with hose and nozzles
- High pressure hydrogen storage tubes
- Installation costs
- Planning and engineering design
- Commissioning
- Servicing
- Project management, Hydrogen refueling infrastructure workforce development & Engagement and outreach (7.5% of total CEC grant funds cap)



Project Costs (Match Share only)

Not Eligible for CEC Reimbursement:

- Permitting, insurance, land purchases, or land leases
- Onsite hydrogen production equipment
- Warranties for term of the agreement
- Network agreement with network provider
- Tests for regulatory compliance
- Signage
- Make-ready equipment
- Level 2 or greater chargers for LD EV charging
- Commercially available energy storage, renewable DER, and/or renewable energy generation equipment such as photovoltaic solar panels.
- Mobile refuelers and chargers and temporary power solutions, such as 100% renewable linear generators
- Pantograph and wireless/inductive charging applications



Project Costs (continued)

Ineligible project costs include:

- Fuel, including the cost of transporting fuel to station
- Off-site fueling infrastructure
- Cost of electricity/power
- Vehicle-related expenses
- Market, literature, or technology surveys, or meta-analysis studies
- Research and development
- Software development
- Lab-scale research and validation
- Proof of concepts, functions, and prototype development
- Nonrenewable DERs, such as generators that use nonrenewable fossil fuels
- Distribution grid or other equipment costs that are otherwise covered by programs or tariff rules of the electric utilities
- Paper studies or research projects





Match Funding

- Match funding requirements:
 - Minimum 25% match of total eligible project costs.
 - Minimum 50% of total match must be cash match

Examples of Match Funding/CEC Funds Requested

Total Project Cost	CEC Funds Requested	Minimum Match Required	Minimum Cash Match
\$3,333,333	\$2,500,000	\$833,333	\$416,666
\$6,666,666	\$5,000,000	\$1,666,667	\$833,333



Application Components

GFO-24-611: Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 2.0



Application Organization

Item	Action Needed by Applicant
Project Narrative (Attachment 1)	Complete the attachment
Scope of Work (Attachment 2)	Complete the attachment
Schedule of Products and Due Dates (Attachment 4)	Complete the attachment
Budget Forms (Attachment 5)	Complete the attachment
Resumes (Attachment 6)	Complete the attachment
Contact List (Attachment 7)	Complete the attachment
Letters of Commitment (Attachment 8)	Complete the attachment
Letters of Support (optional) (Attachment 9)	Complete the attachment



Application Organization (continued)

Item	Action Needed by Applicant
CEQA Worksheet (Attachment 10)	Complete the attachment
Localized Health Impacts Information Form (Attachment 11)	Complete the attachment
Past Performance Reference Form(s) (Attachment 12)	Complete the attachment(s)
Applicant Declaration (Attachment 13)	Complete the attachment
Justification for Site Not Included in the Final Blueprint (required if proposed site location is not identified in Final Blueprint; otherwise not applicable) (Attachment 15)	Complete the attachment
Application Form (Attachment 16)	Complete the attachment
Evaluation Criteria for Priority Populations Form (Attachment 19)	Complete the attachment



General Application Information

- With the new ECAMS application process, Applicants will input application information directly into the web platform
- Sign up at: <https://ecams.energy.ca.gov/s/login/>

A screenshot of the login page for the Energy Commission Agreement Management System. The page has a blue header with the "CA.GOV" logo and social media icons. Below the header is a white banner with the "CALIFORNIA ENERGY COMMISSION" logo. The main content area is white and contains the title "Energy Commission Agreement Management System". Below the title are two input fields: "Username" and "Password". A blue "Log In" button is positioned below the password field. At the bottom of the form, there are two links: "Forgot your password?" and "New User Sign Up?".

CA.GOV

CALIFORNIA ENERGY COMMISSION

Energy Commission Agreement Management System

Username

Password

Log In

[Forgot your password?](#) [New User Sign Up?](#)



Project Narrative (Attachment 1)

- **Applicants must submit a project narrative**
- Limited to 20 pages (Table of Contents & Executive Summary excluded)
- Use 11-point font, single-spaced and a blank line between paragraphs
- Include page numbers
- **Project Narrative must address each scoring criterion described in the Evaluation Criteria (p. 62-65)**

a. **Team Experience and Qualifications**

- i. Describe how the project team's qualifications (including relevant expertise, experience, and skill sets) are suitable to the tasks described in the proposed Scope of Work.

E. EVALUATION CRITERIA

Criterion	Possible Points
<p>1. Team Experience and Qualifications</p> <p>Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none">• The project team's qualifications (including relevant expertise, experience, and skill sets) are suitable to the tasks described in the proposed Scope of Work.	20



Table of Contents

- The Project Narrative must include a Table of Contents.
- Table of Contents will not count towards the 20-page limit.

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I. INTRODUCTION	4
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C. COMMITMENT TO DIVERSITY	5
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G. MAXIMUM AWARD AMOUNTS	6
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Scope of Work (Attachment 2)

- Applicants must complete Attachment 2.
- Describe exactly what the project will do.
- Identify what will be delivered to the CEC.
- Be sure to include in the technical tasks:
 - At least one product deliverable per task.

Rev. 01/28/2025

Attachment 02 Exhibit A SCOPE OF WORK

TECHNICAL TASK LIST

<Insert the Task numbers and Task names for your Agreement. Applicants may leave the CPR column blank.>

Task #	CPR	Task Name
1		Administration
2		EVTP Certification and Type Approval Requirements (for charging infrastructure projects)
2		Hydrogen Safety Plan (for hydrogen refueling station projects)
3		<Insert Task Name>
<Etc.>		<Insert Task Name>
<Etc.>		<Insert Task Name>
<Fourth to Last Task>		Operations and Reliability
<Third to Last Task>		Semi-Annual Electric Vehicle Charger Inventory Reports (for charging infrastructure projects)
<Second to Last Task>		Other Data Collection and Analysis
<Last Task>		Project Fact Sheet

KEY NAME LIST

<Insert the Task numbers and the Key names for each Task in your Project. Include Key names only if the value of the project would significantly change without those personnel, subrecipients, or partners. Add additional lines as needed. Alternatively, you may delete this table if there are no key names.>

Task #	Key Personnel	Key Subrecipient(s)	Key Partner(s)
1	<Name>	<Name>	<Name>
2	<Name>	<Name>	<Name>
3	<Name>	<Name>	<Name>

March 2025

Page 1 of 34
Attachment 02 - Scope of Work

GFO-24-611
Implementation of MDHD ZEV
Infrastructure Blueprints 2.0



Schedule of Products and Due Dates (Attachment 4)

- Applicants must complete Attachment 4.
- Add tasks and product deliverables that correspond to the Scope of Work.
- Provide realistic dates on when product deliverables can be completed.

Attachment 04
Exhibit A-1
Schedule of Products and Due Dates

Task Number	Task Name	Product(s)	Due Date
1.1	Attend Kick-off Meeting	Updated Schedule of Products	<Insert Date>
		Updated List of Match Funds	<Insert Date>
		Updated List of Permits	<Insert Date>
		Written Statement of Match Share Activities	<Insert Date>
		Kick-Off Meeting Agenda (CEC)	<Insert Date>
1.2	Critical Project Review Meetings	CPR Report	<Insert Date>
		CPR Meeting Agenda and List of Expected Participants (CEC)	<Insert Date>
		Schedule for written determination (CEC)	<Insert Date>
		Written determination (CEC)	<Insert Date>
<Add as many CPRs		<Utilize same products as 1st CPR Meeting>	<Insert Date>
<Add as many CPRs		<Utilize same products as 1st CPR Meeting>	<Insert Date>
1.3	Final Meeting	Written documentation of meeting agreements	<Insert Date>
		Schedule for completing closeout activities	<Insert Date>
1.4	Monthly Calls	Email to CAM concurring with call summary notes	Within 5 days of receipt
1.5	Quarterly Progress Reports		10th calendar day of each January, April, July, and October during the approved term of this Agreement
		Quarterly Progress Reports	
1.6	Final Report	Outline of the Final Report	<Insert Date>
		Draft Final Report	<Insert Date>
		Final Report (no less than 60 days before the end term of the agreement)	<Insert Date>
1.7	Identify and Obtain Match Funds	A letter regarding match funds or stating that no match funds are provided	<Insert Date>
		Copy(ies) of each match fund commitment letter(s) (if applicable)	<Insert Date>
			Within 10 days of identifying new match funds
		Letter(s) for new match fund commitment (if applicable)	

Attachment 04

Page 1 of 4
Schedule of Products

GFO-24-611
Implementation of MDHD
ZEV Infrastructure Blueprints 2.0



Proposal Budget (ECAMS Entry)

OPTION 1

- Applicants enter budget information directly into ECAMS for Prime Applicant ONLY and upload Excel Attachment 5 for both Prime and Major Subrecipient(s)
- Identify how CEC funds and match funds will be spent to complete the project
- For more information on the CEC budget forms, visit the [CEC ECAMS Resources](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) webpage at: <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>

The screenshot shows the 'Direct Labor' tab in the ECAMS system. It contains two tables: 'Direct Labor Hourly (0)' and 'Direct Labor Monthly (0)'. Each table has columns for Job Classification, Labor Rate, # of Hours/Months, Rate X Hours/Months, CEC Share Value, Match Share Value, and Total. Both tables currently show 'No data returned'.

The screenshot shows the 'Direct Labor - Hourly' form. It includes input fields for Job Classification, Highest Estimated Labor Rate (\$ per hour), # of Hours, * CEC Share Value, and * Match Share Value. There are also checkboxes for 'Include Indirect Cost', 'Include Profit', and 'Add more Direct Labor'. 'Cancel' and 'Save' buttons are at the bottom right.



Proposal Budget (Attachment 5)

OPTION 2

- Upload all budgets (Prime and Major Subrecipients) as MS Excel attachments
- Follow Budget Instructions
- Identify how CEC funds and match funds will be spent to complete the project
- For more information on the CEC budget forms, visit the CEC ECAMS Resources webpage at: <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>

Template Version 2/17/2023

PROPOSAL BUDGET

Category Budget

Grant Funding Number	GFO-XX-XXXX		
Name of Organization	ABC company		
Select Recipient or Subrecipient			
Select your organization's California Business Certifications			
Cost Category	CEC Share	Match Share	Total
Direct Labor	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -
Total Labor	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -
Materials/Miscellaneous	\$ -	\$ -	\$ -
Subrecipients/Vendors	\$ -	\$ -	\$ -
Total Other Direct Costs	\$ -	\$ -	\$ -
Indirect Costs	\$ -	\$ -	\$ -
Profit (not allowed for grant recipients)	\$ -	\$ -	\$ -
Total Indirect and Profit	\$ -	\$ -	\$ -
Grand Totals	\$ -	\$ -	\$ -
Total CEC Reimbursable Funds Spent in California or Paid to California-Based Entities (if applicable)	\$ -		
Percentage of CEC Reimbursable Funds Spent in California or Paid to California-Based Entities			

March 2025

Page 1 of 1
Category Budget

GFO-24-811
Implementation of MHD ZEV
Infrastructure Blueprints 2.0



Resumes (Attachment 6)

- Applicants must include resumes for key personnel identified in the application.
- Resumes are limited to a maximum of 2 pages each.

FIRST LASTNAME

Construction Worker
Seattle, WA
firstlast@email.com
555-555-5555

Effective at using forklift's, hand trucks and pallet jacks to move merchandise. Skilled at inspecting stock, tagging product and updating computer tracking systems. Well-versed in warehouse operations, inventory audits and loading and unloading procedures.

Eligible to work for any employer in the U.S.

WORK EXPERIENCE

Construction Worker

NewCompany January 2018 to Present

Unpacked and assembled all new merchandise using variety of power tools and lean manufacturing. Heavy Lifting. Measuring. Organize Building Materials. Read and Interpret Drawings. Safety. Supported technicians in equipment maintenance and repair. Organized Warehouse Operations.

Crew Lead

CompanyCo, Inc July 2017 to December 2017

Trained employees so that they were well-educated in time management and the proper ways to complete their job duties. Utilized all machinery and equipment while observing various safety precautions and practices. Ensured that job tasks were completed to standards and in accordance with company guidelines. Maintained the job site on a daily basis and checked to see that all trash and refuse was removed. Completed daily forklift safety checklists. Located proper slots on storage racks and set pallets in place with forklift and pallet jack.

EDUCATION

High school or equivalent

Ged Program - NewCity, NC
April 2015 to February 2016



Contact List (Attachment 7)

- Applicants must complete Attachment 7.
- Include the appropriate points of contact under the Recipient column.
- The CEC will complete the CEC points of contact during agreement development

Attachment 07 CONTACT LIST

Please complete the information in the "Recipient" column.

California Energy Commission	Recipient
Commission Agreement Manager: (Progress Reports and Non-Confidential Products may be emailed to the CAM or uploaded into ECAMS with Invoice.) (TBD by Commission) California Energy Commission 715 P Street, MS-6 Sacramento, CA 95814 Phone: (916) XXX-XXXX e-mail:	Project Manager: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX-XXXX Fax: (XXX) XXX-XXXX e-mail:
Commission Agreement Officer: Name California Energy Commission Contracts, Grants, and Loans Office 715 P Street, MS-18 Sacramento, CA 95814 e-mail:	Administrator: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX-XXXX Fax: (XXX) XXX-XXXX e-mail:
Invoices: Please submit electronic invoices in ECAMS: https://ecams.energy.ca.gov/s/login/	Accounting Officer: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX-XXXX Fax: (XXX) XXX-XXXX e-mail:
Legal Notices: Tatyana Yakshina Grants Manager California Energy Commission 715 P Street, MS-18 Sacramento, CA 95814 Phone: (916) 827-9294 e-mail: tatyana.yakshina@energy.ca.gov	Recipient Legal Notices: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX-XXXX Fax: (XXX) XXX-XXXX e-mail:



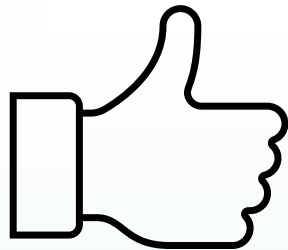
Letters of Commitment (Attachment 8)

- Applicants must include a letter of commitment from each match fund source as well as key project partners.
 - Key Project Partners: must demonstrate commitment and ability to fulfill identified roles.
 - Station site owners and operators.
 - Match Share Contributors: must identify intended amount of match committed, the funding sources, and contact information.
- Limit of two pages per letter.



Letters of Support (Attachment 9)

- Support letters are optional.
- Limit of two pages per letter.



ATTACHMENT 09 Letters of Support

(Optional)

This page may be used to draft the required content, paste documents authored by others, or be replaced with existing documents as needed.

Please refer to the *Attachment 00 – Solicitation Manual* for detailed information and instructions, including but not limited to the following sections:

III. Application Format, Required Documents and Delivery

- A. REQUIRED FORMAT FOR AN APPLICATION
- B. METHOD FOR DELIVERY
- C. PAGE LIMITATIONS
- D. APPLICATION CONTENT
 - 9. Letters of Support



CEQA Worksheet (Attachment 10)

- Applicants must submit a completed Attachment 10.
- The CEC requires this information to assist with our CEQA determinations.

ATTACHMENT 10

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) WORKSHEET

The California Environmental Quality Act (CEQA) (Public Resources Code §§ 21000 et seq.) requires public agencies to identify the significant environmental impacts of their actions and to avoid or mitigate them, if feasible.¹ Under CEQA, an activity that may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment is called a "project." (Public Resources Code § 21065.) Approval of a contract, grant, or loan may be a "project" under CEQA if the activity being funded may cause a direct physical change or a reasonably foreseeable indirect physical change in the environment. Agencies must comply with CEQA before they approve a "project." This can include preparing a Notice of Exemption or conducting an Initial Study and preparing a Negative Declaration, a Mitigated Negative Declaration, or, if there are significant impacts, an Environmental Impact Report.

The Lead Agency is the public agency that has the greatest responsibility for preparing environmental documents under CEQA, and for carrying out, supervising, or approving a project. Where the award recipient is a public agency, the Lead Agency is typically the recipient. Where the award recipient is a private entity, the Lead Agency is the public agency that has greatest responsibility for supervising or approving the project as a whole.² When issuing contracts, grants or loans, the Energy Commission is typically a "Responsible Agency" under CEQA, which means that it must make its own CEQA findings based on review of the Lead Agency's environmental documents. If the Energy Commission is the only public agency with responsibility for approving the project, then the Energy Commission must act as the Lead Agency and prepare its own environmental documents before approving the project.

This worksheet will help the Energy Commission determine what kind of CEQA review, if any, is necessary before it can approve the award, and which agency will be performing that review as a Lead Agency. Please answer all questions as completely as possible. It may also help you to think through the CEQA process necessary for your proposed project. The Energy Commission may request additional information in order to clarify responses provided on this worksheet.

¹ For a brief summary of the CEQA process, please visit <http://ceres.ca.gov/ceqa/summary.html>.

² 14 C.C.R. §§ 15050, 15051. The Lead Agency typically has general governmental powers (such as a city or county), rather than a single or limited purpose (such as an air pollution control district).



Local Health Impacts Information Form (Attachment 11)

- Applicants must complete Attachment 11.
- The CEC requires this information for a Localized Health Impacts report.

Attachment 11

Local Health Impacts Information

Air Quality Guidelines (California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6)(A)) require the California Energy Commission to analyze the aggregate locations of the funded projects, analyze the impacts in communities with the most significant exposure to air contaminants or localized air contaminants, or both, including, but not limited to, communities of minority populations or low-income populations, and identify agency outreach to community groups and other affected stakeholders.

This information must be provided for all Clean Transportation Program and related funding categories, including fueling stations, fuel production, feedstock production or procurement, and vehicle or technology component production.

INSTRUCTIONS

Please complete the following information for all sites where work for the proposed project that will require a permit will be done. Attach additional pages if necessary. If the project includes multiple sites, you may submit this information in a table format using the bolded font below as column headers.

PROJECT NAME

APPLICANT'S NAME AND ORGANIZATION

PROJECT SITE(S) DESCRIPTION

Provide the precise street address(es) of the site(s) and a description of existing infrastructure or facilities (if any), surrounding structures, reference to any regional plans or zoning requirements for each location, and its proximity to residences, day care facilities, elder care facilities, medical facilities, and schools.

(E.g., Site 1: 123 Main Street, Grand Terrace, CA, 92313, Vacant lot in a commercially zoned area. Commercial buildings surround the lot. No residences, daycare facilities, elder care facilities, medical facilities or schools within ¼ mile; Site 2: 321 Beach Street, San Francisco, CA, Existing gasoline/diesel fueling station. Residential area within 200 on South and East ends of project site.)

DEMOGRAPHIC DATA

Provide demographic data at the city or Zip code level for either the project location or the location of the potential health impacts, including:

- o Total population
- o Median education level
- o Unemployment rate
- o Percentage of minorities (by ethnicity)

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Implementation of MDHD
ZEV Infrastructure Blueprints 2.0



Past Performance Reference Form (Attachment 12)

- Applicants must complete Attachment 12 to provide references for:
 - Agreements with the CEC received by the Applicant in the last 10 years.
 - The five most recent agreements with other public agencies received by the Applicant within the past 10 years.
- References must include a contact person name and phone number or email address. These persons may be contacted by CEC staff.
- Applicants should fill out a separate Past Performance Reference Form for each agreement reference.

Attachment 12
GFO-24-611
PAST PERFORMANCE REFERENCE FORM

Provide references for California Energy Commission (CEC) agreements (e.g., contracts, grants, or loans) received by the Applicant in the last 10 years, including ongoing agreements, and the 5 most recent agreements with other public agencies within the last 10 years to verify Applicant's past performance. Each reference must include a contact person name and phone number (or email address). If contacted by CEC staff, references should be able to speak to Applicant's ability to successfully complete projects in a timely manner.

In response to Section III. D. 2. a., Team Experience and Qualifications, if the team's experience and qualifications includes a specific project(s) under current or prior agreements with public funding (e.g., contract, grant, or loan), the Applicant must also submit a Past Performance Reference Form(s) for the project(s), even if the team member is not the primary Applicant.

Applicants should fill out a separate Past Performance Reference Form for each reference.

Name of Organization	
Address	
Contact Name	
Contact Title	
Contact Phone Number (or Email)	
Title of Project	
Agreement Number or Other Unique Identifier	
(For projects that did not complete (or timely complete) project objectives) Describe the challenges faced, what led to those challenges and indicate whether those challenges were within the Applicant's control.	
Describe any severe audit findings and how they were ultimately addressed and resolved.	

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Attachment 12 – Past Performance Ref Form
GFO-24-611
Implementation of MDHD
ZEV Infrastructure Blueprints 2.0



Applicant Declaration (Attachment 13)

- Applicants must complete Attachment 13 in order for the application to be considered complete.

ATTACHMENT 13 Applicant Declaration

As of the date of the application deadline for Energy Commission solicitation GFO-24-611, the entity submitting this application (Applicant):

- Is not delinquent on any federal, state, or local tax payments; and
- Has not had its California business registration status suspended by the California Franchise Tax Board within the last 7 years; and
- Has not filed for bankruptcy in the last 10 years; and
- Is not currently planning to file for bankruptcy; and
- Is registered to do business in California, which typically means with the California Secretary of State, and such registration is in good standing; and
- Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and
- Is in compliance with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and
- Is in compliance with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and
- Is complying with any demand letter made on the Applicant by the Energy Commission or another government agency; and
- Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission.

For the Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

(Date)

(Signature)

(Printed Name)



Justification for Site Not Included in the Final Blueprint (Attachment 15)

- Applicant must complete the Justification for Site Not Included in the Final Blueprint for any site(s) that were not included in the completed and approved Final Blueprint

ATTACHMENT 15
Justification for Site Not Included in the Final Blueprint
(Required for any site(s) not included in the final blueprint; otherwise not applicable)

This page may be used to draft the required content, paste documents authored by others, or be replaced with existing documents as needed.

Please refer to the *Attachment 00 – Solicitation Manual* for detailed information and instructions, including but not limited to the following sections:

III. Application Format, Required Documents and Delivery

- A. REQUIRED FORMAT FOR AN APPLICATION
- B. METHOD FOR DELIVERY
- C. PAGE LIMITATIONS
- D. APPLICATION CONTENT

15. Justification for Site Not Included in the Final Blueprint



Application Form (Attachment 16)

- Applicants must complete Attachment 16.
- Applicant must provide the following: project type, fueling type, title of project, site address, brief project description, requested amount of CEC-funding, match funding amount(s), and additional information about the charging ports or hydrogen fueling positions, MDHD vehicle population, project benefits, CEQA compliance information, key partners and other project information.
- Applicants must authorize CEC to make inquiries to verify information presented in the application.

ATTACHMENT 16 APPLICATION FORM	
<p>This document provides the California Energy Commission (CEC) with basic information about the Applicant and Proposed Project. Each Applicant must complete and sign this form. Each Applicant must complete and include this Application Form in its application. Each Application Form may address only one Project Type (Group 1: Small Project or Group 2: Large Project). If an Applicant submits multiple applications that address the same Project Type Group, each application must be for a distinct project (i.e., no overlap with respect to the tasks described in the Scope of Work, Attachment 2).</p>	
Applicant's Legal Name	Federal ID Number
Eligibility Requirements (See Section II.A and II.B of the solicitation manual)	
Did you receive an award from GFO-20-601 or were you/the fleet identified within the Final Blueprint deliverable from an awardee of GFO-20-601? (check only one box) <input type="checkbox"/> Yes <input type="checkbox"/> No	
What is the CEC Agreement Number?	
Was the Final Blueprint completed, submitted, and approved by a CEC Commission Agreement Manager? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Did you receive an award from GFO-20-603? (check only one box) <input type="checkbox"/> Yes <input type="checkbox"/> No	
What is the CEC Agreement Number?	
Title of Proposed Project (do not use the GFO name)	
Project Site Address (must be in California)	
Project Category (See Section I.G of the solicitation manual)	
Project Type *(Check only one box)	<input type="checkbox"/> Small Project (install and deploy at least 10 new charging ports or 1 new hydrogen fueling position); <input type="checkbox"/> Large Project (install and deploy at least 20 new charging ports or at least 2 new hydrogen fueling positions)
March 2025	
Page 1 of 5	
GFO-24-611 Implementation of MDHD Zero-Emission Vehicle Infrastructure Blueprints 2.0	



Evaluation Criteria for Priority Populations (Attachment 19)

- Applicants must complete Attachment 19.
- Applicants are encouraged to submit documentations verifying that the project provides benefits to priority populations.
- <https://gis.carb.arb.ca.gov/portal/apps/experiencebuilder/experience/?id=e746df40e39144029cd1f9fd748c81b2>

Attachment 19 Evaluation Criteria for Priority Populations

Clean Transportation Program projects that provide benefit to residents of disadvantaged communities, low-income communities, and low-income households, collectively referred to as "priority populations," must use the instructions below to identify benefits.

The evaluation team will determine if a project meets the criteria for providing direct, meaningful, and assured benefits to priority populations using the following evaluation approach.

Step 1: Identify the Priority Population(s)

Be located within a census tract identified as a disadvantaged community or low-income community, or directly benefit residents of a low-income household.

For Hydrogen Refueling Projects Only:

Priority Populations: At least 50% of the locations in the application must directly benefit or serve residents of disadvantaged and low-income communities and low-income Californians in accordance with the map provided at [Priority Populations — California Climate Investments](https://www.cadimateinvestments.ca.gov/priority-populations)
<https://www.cadimateinvestments.ca.gov/priority-populations>.

Step 2: Address a Need

Meaningfully address an important community or household need for the disadvantaged community, low-income community, or low-income household.

Step 3: Provide a Benefit

Using the evaluation criteria, identify at least one direct, meaningful, and assured benefit that the project provides to priority populations. The benefit provided must directly address the identified need.

Applicants must describe how the proposed project will provide direct, meaningful, and assured benefits to priority populations and/or tribal lands and if the project will displace current sources of emissions, in the Project Narrative, as discussed in the Application Manual.

The following table will be used to determine whether projects satisfy each of the three steps. The criteria are designed to enable the evaluation team to readily make an objective "yes" or "no" decision about whether a particular project provides a benefit to a priority population. Projects must satisfy the applicable criteria through Step 3 to be considered to provide direct, meaningful, and assured benefits to priority populations.



Application Evaluation

GFO-24-611: Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 2.0



How Will My Application Be Evaluated?

Stage One: Application Screening

- Administrative Screening Criteria (Pass/Fail)
- Technical Screening Criteria (Pass/Fail)

Stage Two: Application Evaluation

*Applicants must pass ALL screening criteria, or the application shall be disqualified and eliminated from further evaluation.



Administrative Screening Criteria

Criteria	Pass/Fail
1. The application is received by the due date and time specified in the “Key Activities Schedule” in Section I of this solicitation.	Pass or Fail
2. The Applicant has not included a statement that is contrary to the required authorizations and certifications when submitting in ECAMS.	Pass or Fail



Technical Screening Criteria

Criteria	Pass/Fail
1. The Applicant is an eligible applicant.	Pass or Fail
2. The project is an eligible project.	Pass or Fail
3. The applicant meets the minimum match share requirement.	Pass or Fail
4. The Applicant passes the past performance criterion.	Pass or Fail



Past Performance Screening

1. An applicant may be disqualified due to **severe performance issues** characterized by significant negative outcomes under one or more prior or active CEC agreement(s) within the last 10 years.
2. Any applicant that does not have an active or prior agreement equates to no severe performance issues and therefore would pass this screening criteria.



Application Technical Evaluation and Scoring

- The Evaluation Committee applies the scoring scale to the evaluation criteria.
- Applications must obtain a minimum passing score of **70%** or **70 points** in order to be considered for funding.
- Review Section IV of the solicitation manual and ensure the application provides a clear and complete response to all scoring criteria.



Application Evaluation and Scoring

Scoring Criteria	Possible Points
1. Team Experience and Qualifications	20
2. Project Readiness	25
3. Blueprint Project Implementation and Infrastructure Deployment	25
5. Project Budget	15
6. Environmental and Economic Benefits	15
Total Possible Points	100
Minimum Points to Pass (70%)	70



Team Experience and Qualifications

Applications will be evaluated on the degree to which:

- The project team's qualifications (including relevant expertise, experience, and skill sets) are suitable to the tasks described in the proposed Scope of Work.
- The project team has members with at least 3 years of experience designing, planning, constructing, testing, operating, or maintaining electric vehicle or hydrogen fueling stations, and qualifications, skills, abilities, and relevant technical and business experience align with the needs and successful completion of the proposed project.
- The project team has verifiable experience working with AHJ and utility personnel to overcome permitting and planning barriers.
- The project team demonstrates it has sufficient personnel and organizational capacity to complete the project given its other project commitments.
- The Applicant and project team have demonstrated exceptional administrative and technical performance under existing or prior funding agreements (CEC and/or other public agencies), if the Applicant or project team worked on such projects



Project Readiness

Applications will be evaluated on the degree to which:

- Required permitting for the proposed project has been completed or the permitting schedule ensures successful project completion within the timeframes specified in this solicitation.
- The project has achieved compliance under the CEQA or can be completed within the timeframes specified in this solicitation.
- Site control is secured.
- Coordination is underway with the respective utility provider for utility connection to minimize time to energize the sites.
- The equipment to be deployed meets the Charger Port/Hydrogen Refueling Dispenser Minimums and accelerates project timelines.
- The timeline for charger or hydrogen refueling dispenser installation and commissioning is expedited.



Project Readiness (continued)

Applications will be evaluated on the degree to which:

- If solar or storage equipment is included in the project, the equipment to be deployed will lower the cost of electricity for charging or hydrogen fuel for customers.
- The tasks in the Scope of Work contribute to the successful and timely completion of the proposed project.
- Planned community outreach is appropriate and comprehensive and contributes to the overall success of the proposed project.
- Major risks and barriers to successful project completion are identified and mitigated.
- The ZEV infrastructure to be deployed is appropriate for the project's vehicle population and leads to successful deployment of zero-emission MDHD vehicles.



Blueprint Implementation and Infrastructure Deployment

Applications will be evaluated on the degree to which:

- The Project Narrative clearly and thoroughly identifies the specific section(s) of the CEC-approved Final Blueprint that will be implemented with infrastructure to support MDHD ZEVs, off-road equipment or specialty vehicles. Note: The Evaluation Committee may refer back to the CEC-approved Final Blueprint to confirm alignment.
- The Project Narrative demonstrates strong alignment between the proposed project and the recommendations in the Final Blueprint.
- The level of detail provided supports feasibility, showing a clear pathway from planning to execution.
- Equipment and infrastructure to be deployed at the proposed site align with what was identified in the Final Blueprint in terms of type, scale, and location.



Blueprint Implementation and Infrastructure Deployment (continued)

Applications will be evaluated on the degree to which:

- Site information aligns with the approved Final Blueprint.
 - If the proposed site for the proposed project is not included in the approved Final Blueprint, the new site location and justification for the proposed change are clearly described and identified in the Project Narrative and Attachment 15, Justification for Site Not Included in the Final Blueprint, has been completed and submitted.
 - The justification for the site change clearly demonstrates how the site change conforms to the Final Blueprint recommendations.
- If the Applicant received funding under GFO-23-603:
 - The proposed project pertains to a different site from the site funded under GFO-23-603.
 - The new infrastructure supports a different fleet than the previous award.
 - The proposal clearly demonstrates how the proposed project is distinct from the prior award under GFO-23-603 and contributes to advancing California's decarbonization goals.



Project Budget

Applications will be evaluated on the degree to which:

- The proposed budget implements cost-saving strategies that reduce the amount of CEC funding necessary for project completion.
- Administrative and overhead expenses are minimized.
- The proposed project cost effectively reduces GHG emissions.
- The proposed match funding commitments are documented and verifiable.
- The Applicant demonstrates the need for state funding for the proposed project.



Environmental and Economic Benefits

Applications will be evaluated on the degree to which:

- The proposed project provides air quality benefits, as well as health and safety, access, and education, financial benefits, economic development, and consumer protection to California's priority populations or adjacent communities.
- The proposed project reduces carbon intensity relative to the relevant fossil fuel baseline as measured in gCO₂e/MJ.
- The proposed project leads to strategic, cost-effective solutions for future deployment of electric and/or hydrogen infrastructure for MDHD vehicles.
- The proposed project reduces total GHG emissions (metric tons).



Environmental and Economic Benefits (continued)

Applications will be evaluated on the degree to which:

- The proposed project incorporates resiliency measures, ensuring the goals of the project will continue to be carried out during an emergency.
- The proposed project engages regional community-based organizations, community leaders, California Native American Tribes, and potentially affected local residents in the planning process and education on the benefits of ZEV transportation.
- The proposed project expands certified businesses and California supply chains for California-based businesses, result in high-quality jobs in terms of compensation, duration, and related project payroll, and increase state and local tax revenues. .



Terms and Conditions

GFO-24-611: Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 2.0



Solicitation Terms and Conditions

- Terms and Conditions
 - Can be found on the Funding Resources webpage at <https://www.energy.ca.gov/funding-opportunities/funding-resources>
 - Appendix 1 reflects the terms and conditions that have been updated through the CEC's ECAMS process
 - E.g., backup documentation required for invoicing
- More information is on the [ECAMS Resources webpage](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) at <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>
- Special Terms and Conditions for Greenhouse Gas Reduction Fund



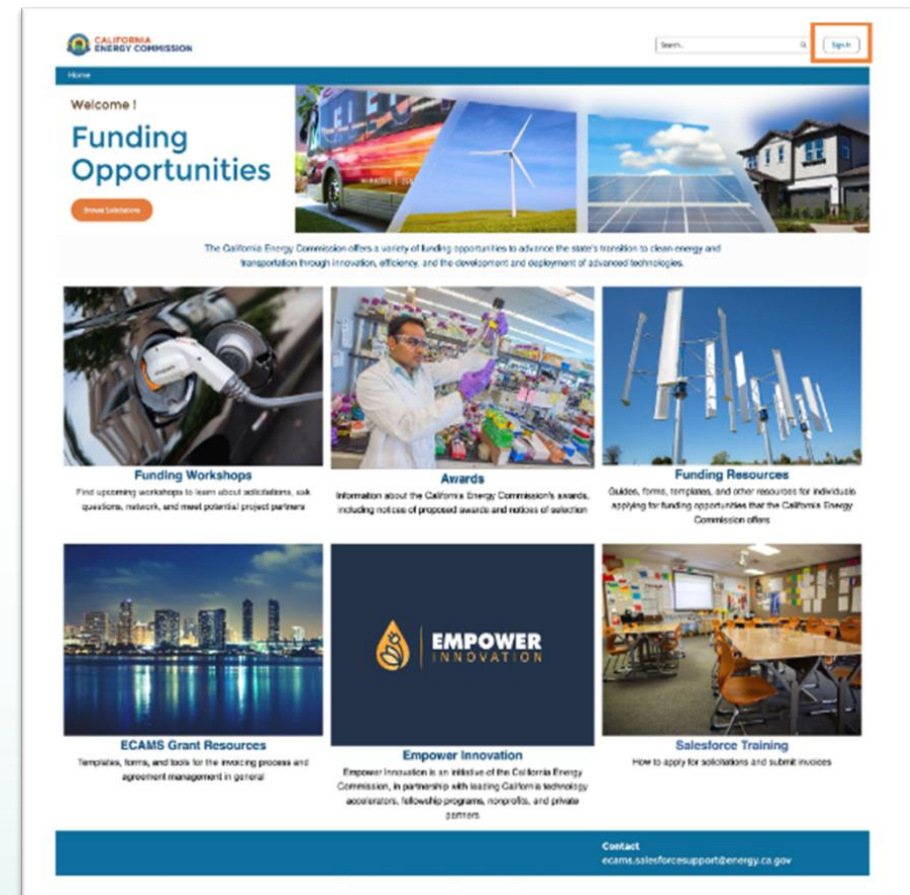
Application Submittal

GFO-24-611: Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints 2.0



GFO Submission Requirements

- 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 in order 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





GFO Submission Requirements (Continued)

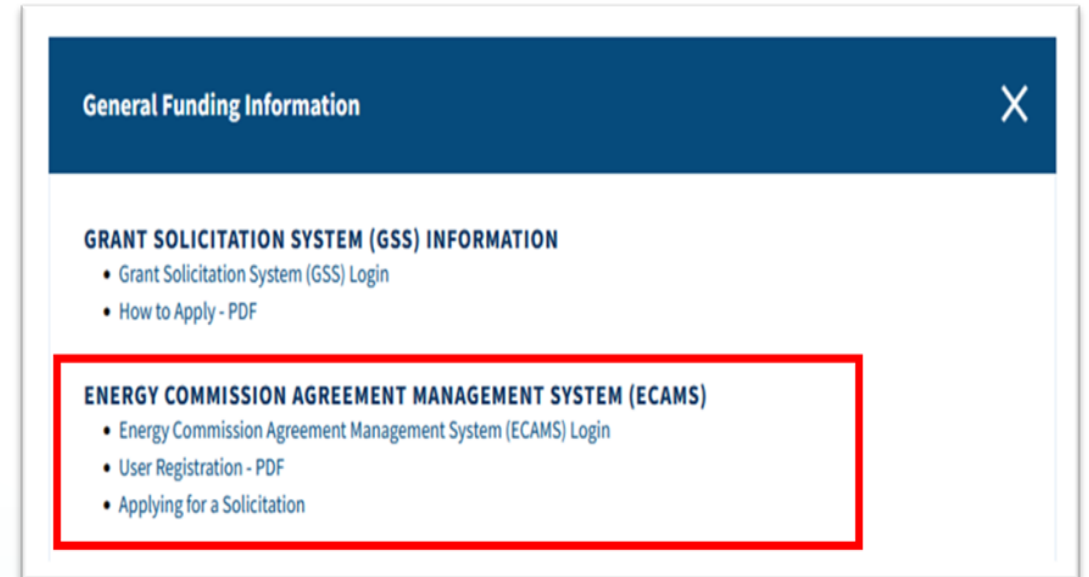
- Electronic files, excluding those requiring signatures, must be in the format that they are provided in the solicitation.
- Application documents should meet formatting requirements, and page recommendations provided in the solicitation manual.
- Attachments requiring signatures (Commitment/Support Letters) may be scanned and submitted in PDF format.



GFO 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





GFO Submission

Submit applications early!

ECAMS will stop accepting application documents promptly at the deadline of 11:59 p.m. PST on June 6, 2025.

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



Key Dates

Activity	Action Date
Solicitation Release	March 28, 2025
Pre-Application Workshop	April 10, 2025
Deadline for Written Questions by 5:00 p.m.	April 16, 2025
Anticipated Distribution of Question/Answers	Week of May 5, 2025
Deadline to Submit Applications by 11:59 p.m.	June 6, 2025
Anticipated Notice of Proposed Awards Posting	Week of July 28, 2025
Anticipated CEC Business Meeting	November 2025



Questions and Answers

Three ways to ask questions:

Please state your name and affiliation. Keep questions under 3 minutes to allow time for others.

1. Use the raise hand function in Zoom

Zoom Phone Controls:

- *6 – Toggle mute/unmute
- *9 – Raise hand

2. Type questions in the Zoom Q&A Box

3. Submit written questions

Send written questions to enrico.palo@energy.ca.gov

Deadline: April 16, 5:00 p.m. PST

Note that an official CEC response will be provided in writing and posted on the GFO webpage the week of May 5, 2025.



Written Questions

Please send all questions related to GFO-24-611 to:

ENRICO PALO

Commission Agreement Officer

715 P Street, MS-1

Sacramento, CA 95814

Enrico.Palo@energy.ca.gov

(Please add subject line: GFO-24-611)

Deadline to submit questions: Wednesday, April 16, 2024, 5:00 p.m. PST

Deadline to submit applications: Friday, June 6, 2025, 11:59 p.m. PST



Next Steps

Activity	Action Date
Deadline for Written Questions by 5:00 p.m.	April 16, 2025
Anticipated Distribution of Question/Answers	Week of May 5, 2025
Deadline to Submit Applications by 11:59 p.m.	June 6, 2025
Anticipated Notice of Proposed Awards Posting	Week of July 28, 2025

Updates to solicitation documents will be posted on the [Grant Funding Opportunity Webpage](https://www.energy.ca.gov/solicitations/2025-03/gfo-24-611-implementation-medium-and-heavy-duty-zero-emission-vehicle): <https://www.energy.ca.gov/solicitations/2025-03/gfo-24-611-implementation-medium-and-heavy-duty-zero-emission-vehicle>



Thank You!

Applications are due June 6, 2025, by 11:59 p.m. PST