



GFO-23-603 Pre-Application Workshop

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

Presenter: Esther Odufuwa

Fuels and Transportation Division

October 2, 2023 | 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
- GFO Webpage:
<https://www.energy.ca.gov/solicitations/2023-09/gfo-23-603-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:
Kevyn Piper, email: kevyn.piper@energy.ca.gov
Subject: GFO-23-603
Q&A Deadline: Monday, October 9, 2023, by 5:00 PM



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-G7GrbGJFmZJPv38ckjJUN0JWS0IKVIRONDBKNVJRWik2VFRMTEVESS4u>



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.



Clean Transportation Program



- Established in 2007 by Assembly Bill 118 (2007)
- Extended to January 1, 2024, by Assembly Bill 8 (2013)
- Extended to July 1, 2035, by Assembly Bill 126 (Enrolled and pending signature, 2023)
- Provides approximately \$95 million of funding per year
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development

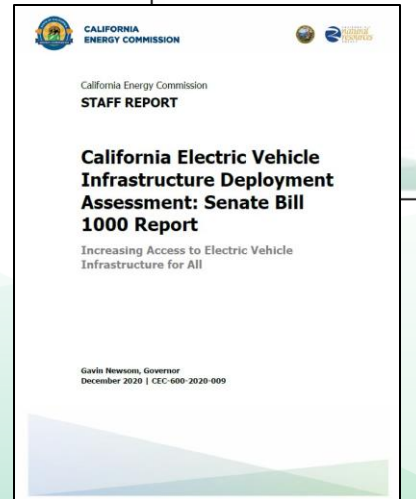
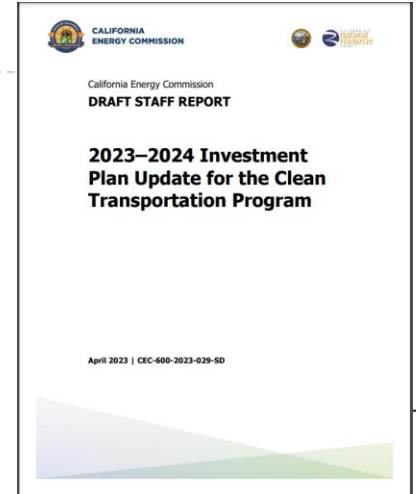


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Policy Drivers

- 2023-2024 Investment Plan Update for the Clean Transportation Program
- 2022-2023 Investment Plan Update for the Clean Transportation Program
- Assembly Bill 2127 Electric Vehicle Charging Infrastructure Assessment – Analyzing Charging Needs to Support Zero-Emission Vehicles in 2030
- California Electric Vehicle Infrastructure Deployment Assessment: Senate Bill 1000 Report
- Executive Order N-79-20





Solicitation Overview

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



Solicitation Process





Purpose of Solicitation

- Competitive grant solicitation
- Projects that would implement zero-emission vehicle charging and/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 (MDHD) Zero-Emission Vehicle and Infrastructure”



Available Funding and Minimum/Maximum Award



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

Examples of Maximum Grant Awards

Project Group	Minimum Award Amount	Maximum Award Amount
Group 1: Charging Infrastructure for MDHD Zero-Emission Vehicles	\$2,000,000	\$5,000,000
Group 2: Hydrogen Refueling Infrastructure for MDHD Zero-Emission Vehicles	\$2,000,000	\$5,000,000



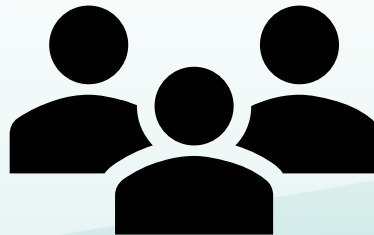
Applications and Awards

- Applicants may submit multiple applications in a given Project Group.
- The CEC will screen and score applications.
- The CEC expects to award at least one project in each Project Group. Once the highest ranked projects achieving at least the minimum passing score in each Project Group are recommended for funding, if funding remains available, the CEC will award the next highest-ranking project achieving at least the minimum passing score, regardless of Project Group.
- 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

- All entities listed on the Notice of Proposed Awards (NOPA) for GFO-20-601 the “Blueprints for Medium and Heavy Duty Zero-Emission Vehicle and Technology Infrastructure” solicitation that have **completed, submitted, and received CEC-approval of their Final Blueprint.**
- Any commercial fleets **identified** as a case study or with an infrastructure analysis completed in a GFO-20-601 project, **if a Final Blueprint has been completed, submitted, and CEC-approved.**
- Applicants must accept the 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.

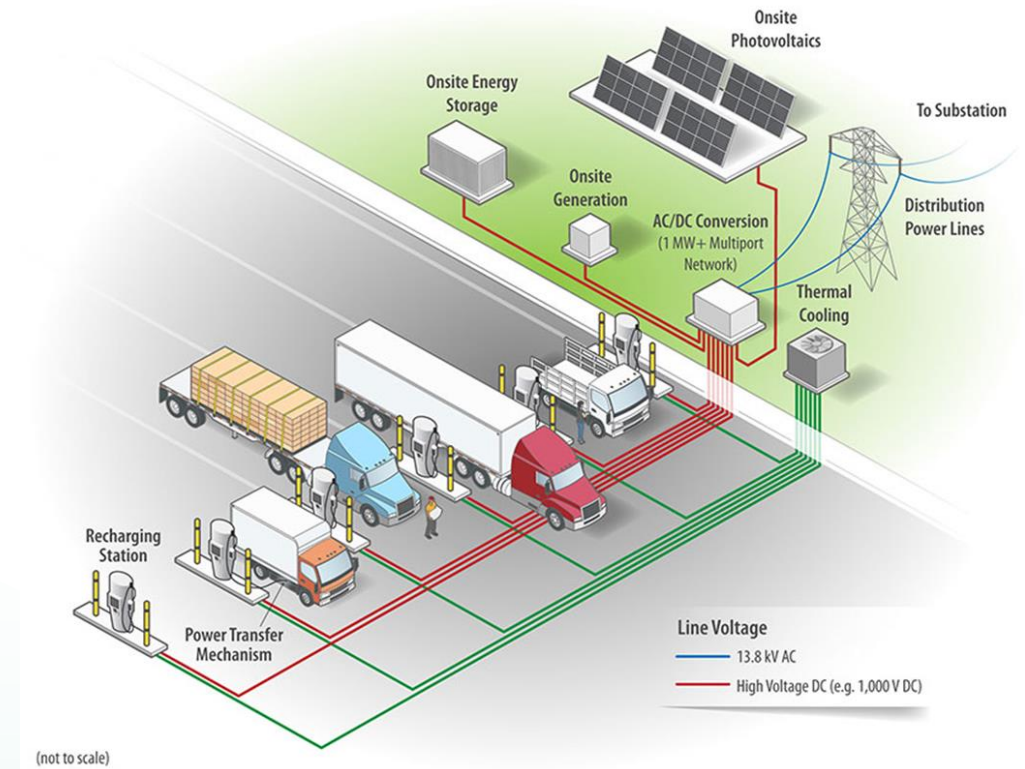




Project Requirements

All Projects:

- Installation, deployment, and demonstration of electric vehicle (EV) charging or hydrogen refueling infrastructure.
- Select a Project Group that aims to best support the implementation of the infrastructure goals identified in the applicable Final Blueprint.
- Must be installed in California and vehicles must be acquired to demonstrate real-world operating conditions.
- 12 months Data Collection



Source: NREL 1MW Charging Research Project



Project Requirements, Cont.1

Charging Infrastructure projects:

- Installation of EVSE, transformer, electric panel, wiring, etc.
- Record keeping for and reporting standard for Charging Equipment Installed After January 1, 2024. AB 2061 (Ting, Chapter 345, Statutes of 2022) and Cal. Pub. Resources Code sect. 25231.5
- AB 841 which requires Electric Vehicle Infrastructure Training Program (EVITP) certification.
- Facilitate vehicle-charger interoperability
- Leverage open standards-based network communications
- Be capable of managing charging costs and supporting grid reliability
- Bidirectional power flow (optional)



Project Requirements, Cont.2

Hydrogen Refueling Infrastructure Projects:

- Installation of Hydrogen compressors, cryogenic pumps, dispenser with hose and nozzles for MDHD ZEVs
- At least two fueling positions for MDHD ZEVs
- Hydrogen Safety Plan
- Hydrogen Refueling Station Design Reviews
- Virtual Inspections
- Reporting Safety Incidents
- NREL Data Collection Tool
- Initial, biannual, and as needed hydrogen purity test results
- Open Retail Attestation Form, if applicable (for public, open retail stations)



Project Costs

Eligible project costs include:

- Electric vehicle supply equipment (EVSE)
- Transformers, electric panels, conduit, wiring, meters, stub outs
- Distributed energy resources or energy storage equipment/systems capable of providing independent or supplemental power to the EV chargers
- Photovoltaic solar panels separately metered for electric vehicle charging
- Installation costs
- Planning and engineering design costs
- Demand management equipment
- Hydrogen compressors, cryogenic pumps
- Dispenser with hose and nozzles
- Commissioning

Ineligible project costs include:

- Market, literature, or technology surveys
- Vehicle purchase and Vehicle demonstration costs
- Distribution grid or other equipment costs that are otherwise covered by programs or tariff rules of the electric utilities
- Utility service upgrade costs covered by the utility
- Projects that are mandated by local, regional, state, or federal law, rule, or regulation
- Tests for regulatory compliance
- Transportation of fuel
- Nonrenewable DERs



Match Funding

- At least 25 percent of total project cost

Examples of Minimum Match Share Required

Total Project Costs	CEC Funds Requested	Total Minimum Match Required	Minimum Cash Match Required
\$2,666,667	\$2,000,000	\$666,667	\$166,667
\$6,666,667	\$5,000,000	\$1,666,667	\$416,667



Application Components

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



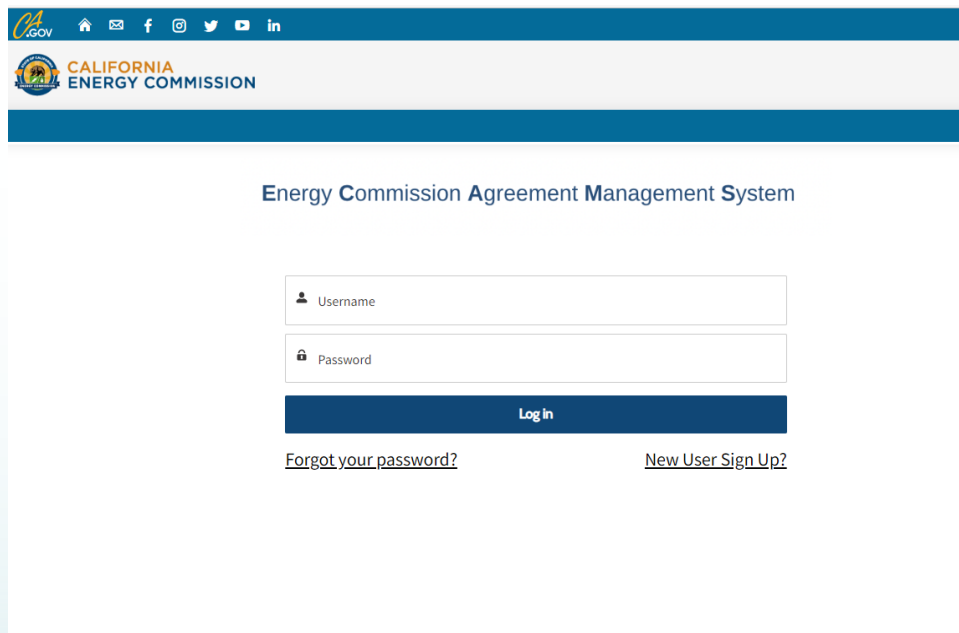
Application Organization

Item	Action Needed by Applicant
Project Narrative	Create document
Scope of Work (Attachment 01)	Complete the attachment
Scope of Work Instructions (Attachment 02)	None
Schedule of Products and Due Dates (Attachment 03)	Complete the attachment
Proposal Budget (Attachment 04)	Complete the attachment
Resumes	Create document(s)
Contact List (Attachment 05)	Complete the attachment
Letters of Commitment/Support	Create document(s)
CEQA Worksheet (Attachment 06)	Complete the attachment
Localized Health Impacts Information Form (Attachment 07)	Complete the attachment
Past Performance Reference Form(s) (Attachment 08)	Complete the attachment(s)
Applicant Declaration (Attachment 09)	Upload document



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 California Energy Commission's login page. The page features a blue header with the "CA.GOV" logo and social media icons. Below the header is the "CALIFORNIA ENERGY COMMISSION" logo. The main content area is titled "Energy Commission Agreement Management System" and contains a login form with fields for "Username" and "Password", a "Log in" button, and links for "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

- **Applicants must submit a project narrative**
- Limited to 20 pages
- 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 (pp. 44)**

a. **Team Experience, Qualifications, and Resources**

i. Describe how the project team’s qualifications, experience, capabilities, and credentials are suitable to the tasks described in the proposed Scope of Work and will lead to the successful completion of the project.

E. EVALUATION CRITERIA

Criterion	Possible Points
<p>1. Team Experience, Qualifications, and Resources</p> <p>Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none"> • The project team’s qualifications, experience, capabilities, and credentials are suitable to the tasks described in the proposed Scope of Work and will lead to the successful completion of the project. • The team structure and how various tasks will be managed and coordinated are addressed, including how the facilities, infrastructure, and resources available to the team will directly support completion of the project. 	15



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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Scope of Work (Attachment 01)

- Applicants must complete Attachment 01.
- 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.

**Attachment 01
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		<Insert Task Name>
3		<Insert Task Name>
<Fourth to Last Task>		Operations and Reliability <Required for Charging Infrastructure Projects Only>
<Fourth to Last Task>		Hydrogen Safety Plan, Design Reviews, Virtual Inspections and Safety Incident Reporting <Required for Hydrogen Refueling Infrastructure Projects Only>
<Third to Last Task>		Semi-Annual Electric Vehicle Charger Inventory Reports <Required for Charging Infrastructure Projects Only>
<Second to Last Task>		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, subcontractors, or partners. Add additional lines as needed. Alternatively, you may delete this table if there are no key names.>

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	<Name>	<Name>	<Name>
2	<Name>	<Name>	<Name>
3	<Name>	<Name>	<Name>
<Etc.>	<Name>	<Name>	<Name>



Schedule of Products and Due Dates (Attachment 03)

- Applicants must complete Attachment 03.
- Add tasks and product deliverables that correspond to the Scope of Work.
- Provide realistic dates on when product deliverables can be completed.

Attachment 03 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>
		Kick-Off Meeting	<Insert Date>
1.2	Critical Project Review Meetings	CPR Report	<Insert Date>
		CPR Meeting Agenda (CEC)	<Insert Date>
		CPR Meeting	<Insert Date>
		Schedule for written determination (CEC)	<Insert Date>
		Written determination (CEC)	<Insert Date>
		<Add as many CPRs as required>	<Utilize same products as 1st CPR Meeting>
		<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	Within 5 days of receipt
1.5	Quarterly Progress Reports	Quarterly Progress Reports	10th calendar day of each January, April, July, and October during the approved term of this Agreement
1.6	Final Report	Final 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>
		Letter(s) for new match funds (if applicable)	Within 10 days of identifying new match funds
		Letter that match funds were reduced (if applicable)	Within 10 days of identifying reduced funds
1.8	Identify and Obtain Required Permits	Letter documenting the permits or stating that no permits are required	<Insert Date>
		A copy of each approved permit (if applicable)	Within 10 days of receiving each
		Updated list of permits as they change during the term of the Agreement (if applicable)	Within 10 days of change in list of permits
		Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)	Within 10 days of change in schedule for obtaining permits
		A copy of each final approved permit (if	Within 10 days of receiving each



Proposal Budget (ECAMS Entry)

OPTION 1

- Applicants enter budget information directly into ECAMS for Prime Applicant ONLY and upload Excel Attachment 4 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>

Details Attachments Past Agreements Budget Summary **Direct Labor** Fringe Benefits Travel Equipment Materials & Miscellaneous More

Direct Labor Hourly (0)

JOB CLASSIFICATION	LABOR RATE (\$ PER HOUR)	# OF HOURS	RATE X HOURS	CEC SHARE VALUE	MATCH SHARE VALUE	TOTAL
No data returned						

Direct Labor Monthly (0)

JOB CLASSIFICATION	LABOR RATE (\$ PER MONTH)	# OF MONTHS	RATE X MONTHS	CEC SHARE VALUE	MATCH SHARE VALUE	TOTAL
No data returned						

Direct Labor - Hourly

Job Classification Highest Estimated Labor Rate (\$ per hour) # of Hours

* CEC Share Value * Match Share Value

Include Indirect Cost ⓘ Include Profit ⓘ

Add more Direct Labor



Proposal Budget (Attachment 04)

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](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) webpage at: <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>

PROPOSAL BUDGET			
Category Budget			
Agreement Number	GFO-23-603		
Name of Organization	Organization Name		
Select Recipient or Subrecipient			
Select your company'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	\$ -	\$ -	\$ -
<i>Grand Totals</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>
<i>Total CEC Reimbursable Funds Spent in California or Paid to California-Based Entities (if applicable)</i>	<i>\$ -</i>		
<i>Percentage of CEC Reimbursable Funds Spent in California or Paid to California-Based Entities</i>			



Resumes

- 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 05)

- Applicants must complete Attachment 05.
- Include the appropriate points of contact under the Recipient column.
- The CEC will complete the CEC points of contact during agreement development.

**Attachment 05
CONTACT LIST**

Please complete the information in the "Recipient" column.

California Energy Commission	Recipient
Commission Agreement Manager: (TBD by Commission) California Energy Commission 715 P Street, MS-8 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: California Energy Commission Contracts, Grants, and Loans Office 715 P Street, MS-18 Sacramento, CA 95814 Phone: (916) XXX-XXXX	Administrator: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX-XXXX Fax: (XXX) XXX-XXXX e-mail:
Accounting Officer: California Energy Commission Accounting Office 715 P Street, MS-2 Sacramento, CA 95814 e-mail: invoices@energy.ca.gov	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:

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Implementation of MDHD ZEV
Infrastructure Blueprints



Letters of Commitment/Support

- Applicants must include certain Commitment Letters.
 - From entities or individuals that are committing match funding.
 - From key project partners that will make contributions to the project.
- Support letters are optional.
- Limit of two pages per letter.





CEQA Worksheet (Attachment 06)

- Applicants must submit a completed Attachment 06.
- The CEC requires this information to assist with our CEQA determinations.

ATTACHMENT 06

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. What are the physical aspects of the project? (Check all that apply and provide brief

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 07)

- Applicants must complete Attachment 07.
- The CEC requires this information for a Localized Health Impacts report.

Attachment 07

Local Health Impacts Information

Air Quality Guidelines (California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6)(A)) require the 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 AB 118 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)



Past Performance Reference Form (Attachment 08)

- Applicants must complete Attachment 08 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 08
GFO-23-603
PAST PERFORMANCE REFERENCE FORM

Provide references for CEC agreements (e.g., contracts, grants, or loans) received by the Applicant in the last 10 years 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 California Energy Commission 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, Qualifications, and Resources, if the team's experience and qualifications include 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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Implementation of MDHD ZEV
Infrastructure Blueprints



Application Evaluation

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



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
3. The Applicant includes Commitment Letters that commit to a total match share of at least 25% of the total project cost.	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. An 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** 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, Qualifications, and Resources	15
2. Project Readiness and Implementation	40
3. Project Budget	15
4. Economic, Social, and Environmental Benefits	20
5. Sustainability	10
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, experience, capabilities, and credentials are suitable to the tasks described in the proposed Scope of Work.
- The team structure and how various tasks will be managed and coordinated are addressed.
- The Applicant and/or project team was involved in the design and development of, or is identified within, the Final Blueprint resulting from GFO-20-601.
- The Applicant and/or project team has a history of successfully completing and deploying zero-emission vehicle infrastructure projects.
- The Applicant and/or project team has demonstrated exceptional administrative and technical performance under existing or prior funding agreements.



Project Readiness and Implementation

Applications will be evaluated on the degree to which:

- The actions and milestones needed for installation and deployment of MDHD charging or hydrogen refueling infrastructure are identified in the CEC-approved Final MDHD Blueprint.
- The Applicant and/or project team will work with local utilities, permitting agencies, and/or other stakeholders.
- The proposed project has documented progress towards achieving compliance under CEQA.
- The Applicant demonstrates control of the project site.



Project Readiness and Implementation contd.

Applications will be evaluated on the degree to which:

- Letters of support or commitment letters (from site hosts, project partners, match funding, or others).
- Thorough safety, maintenance, and training procedures are described.
- Risks, barriers, and limitations that are critical for project success (e.g., loss of site) are addressed.
- The proposed project and equipment are expected to operate beyond the term of the CEC's funding agreement.
- The Scope of Work is complete and demonstrates a clear path to successful implementation of the proposed project.



Project Budget

Applications will be evaluated on the degree to which:

- The proposal budget is justifiable and demonstrates CEC funds are needed for the project.
- CEC costs per nozzle/charger are minimized.
- The proposed project budget minimizes administrative and overhead costs.
- Cost-saving strategies, known or expected risks, and budget contingencies are identified and addressed.
- The proposed match funding commitments are documented and verifiable.



Economic, Social, and Environmental Benefits

Applications will be evaluated on the degree to which:

- The proposed project directly increases local and regional economic activities.
- The proposed project will result in the creation of high-quality in-state jobs.
- The proposed project will provide air quality benefits to California's rural areas and disadvantaged, and low-income communities as described by CalEnviroScreen 4.0.
- The proposed project reduces total GHG emissions.
- The proposed project is supported by community-based organizations, environmental justice organizations, or other partners, and will lead to increased equity.



Sustainability

Applications will be evaluated on the degree to which:

- The proposed project addresses resiliency.
- The proposed project will result in cost-effective solutions.
- The proposed project will source for and dispense renewable hydrogen, if applicable and proposed for the project.



Terms and Conditions

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



Links to 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>



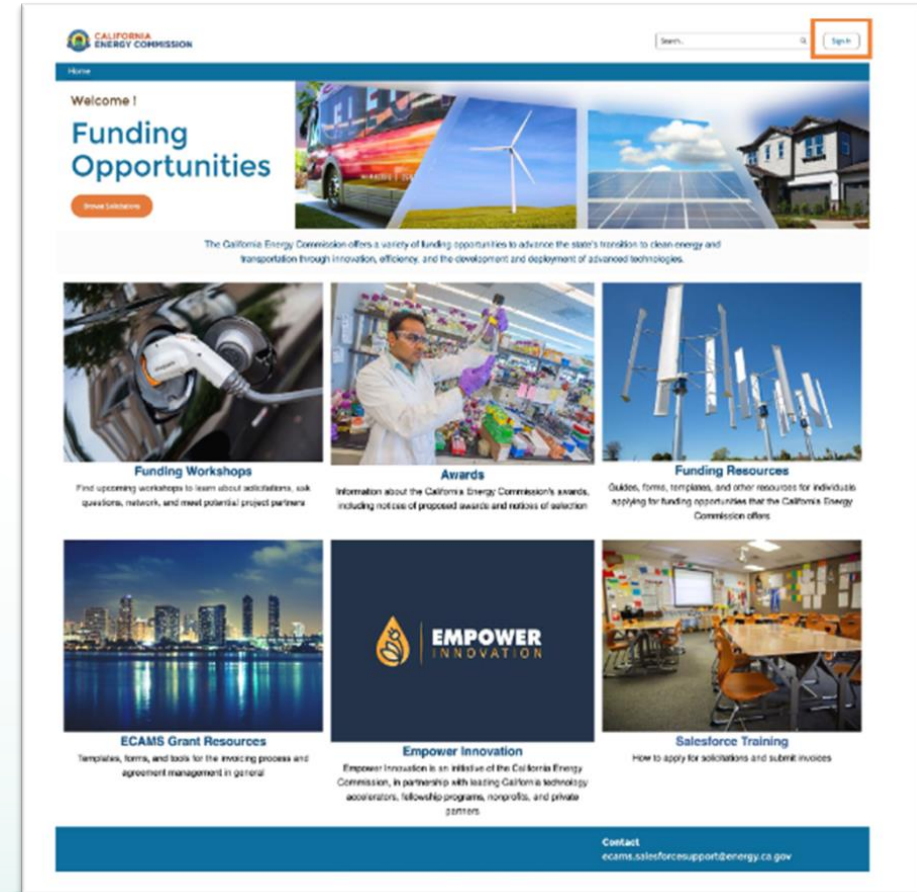
Application Submittal

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



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 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





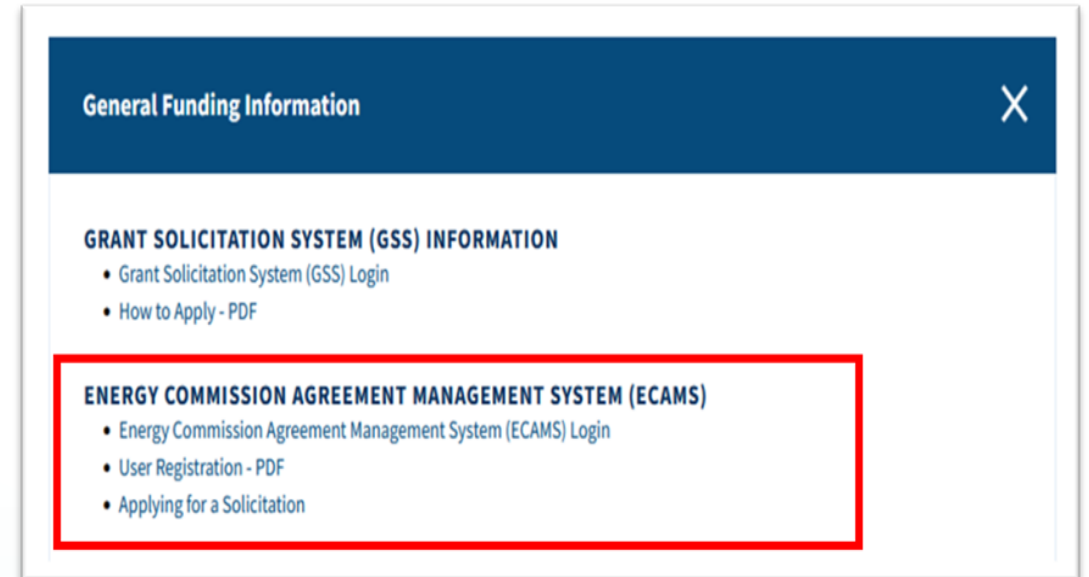
GFO Submission Requirements, Cont.

- Electronic files, other than 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 (Support/Commitment Letters) may be scanned and submitted in PDF format.
- Until further notice, any requirement in CEC solicitations to provide a signature is waived. In ECAMS, checking the "I Agree" box and clicking the "I Agree & Submit" button provides the required authorizations and certifications.
 - Notice on CEC's waiver of the signature requirement appears here: <https://www.energy.ca.gov/funding-opportunities/solicitations>



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

A screenshot of a web page titled "General Funding Information" with a close button (X) in the top right corner. The page is divided into two main sections. The first section is "GRANT SOLICITATION SYSTEM (GSS) INFORMATION" and contains two bullet points: "Grant Solicitation System (GSS) Login" and "How to Apply - PDF". The second section is "ENERGY COMMISSION AGREEMENT MANAGEMENT SYSTEM (ECAMS)" and contains three bullet points: "Energy Commission Agreement Management System (ECAMS) Login", "User Registration - PDF", and "Applying for a Solicitation". This second section is highlighted with a red rectangular border.



GFO Submission

Submit applications early!

ECAMS will stop accepting application documents promptly at the deadline of 11:59 p.m. on November 10, 2023.

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	September 19, 2023
Pre-Application Workshop	October 2, 2023
Deadline for Written Questions by 5:00 p.m.	October 9, 2023
Anticipated Distribution of Question/Answers	Week of Oct. 23, 2023
Deadline to Submit Applications by 11:59 p.m.	November 10, 2023
Anticipated Notice of Proposed Awards Posting	Week of December 18, 2023
Anticipated Energy Commission Business Meeting	March 2024



Question 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 kevyn.piper@energy.ca.gov

Deadline: Monday October 9, 2023, 5:00 p.m. PST

Note that an official CEC response will be provided in writing and posted on the GFO webpage in the week of October 23, 2023.



Written Questions

Please send all questions related to GFO-23-603 to:

KEVYN PIPER
Commission Agreement Officer
715 P Street, MS-18
Sacramento, CA 95814
(916) 827-9294
kevyn.piper@energy.ca.gov
(Please add subject line: GFO-23-603)

Deadline to submit questions: Monday, October 9, 2023, 5:00 p.m. PST

Deadline to submit applications: Friday, November 10, 2023, 11:59 p.m. PST



Thank You!

Applications are due November 10, 2023, by 11:59 p.m.