



GFO-23-602 Pre-Application Workshop

Charging and Refueling Infrastructure for Transport in CALifornia Provided Along Targeted Highway Segments (CRITICAL PATHS)

Fuels and Transportation Division
October 10, 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
- [Grant Funding Opportunity Webpage:](https://www.energy.ca.gov/solicitations/2023-09/gfo-23-602-charging-and-refueling-infrastructure-transport-california)
<https://www.energy.ca.gov/solicitations/2023-09/gfo-23-602-charging-and-refueling-infrastructure-transport-california>
- Virtual Participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer:
Brad Worster, email: Brad.Worster@energy.ca.gov
Subject: GFO-23-602
Q&A Deadline: Friday, October 13, 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-G7GrbGJFmZJPv38ckjJUQ0NCNzg4MU4wN0paS1AzQU9BTUQ2M09YUS4u>



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)
- Provides approximately \$95 million of funding per year through 2023
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development

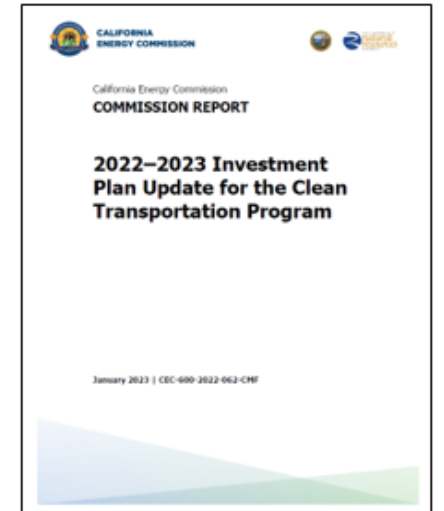


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Reference Documents

- [2022-2023 Investment Plan Update for the Clean Transportation Program](#)
- California Department of Food and Agriculture, Division of Measurement Standards. [Zero-Emission Vehicle Projects](#)
- [California Office of Environmental Health Hazard Assessment. CalEnviroScreen 4.0](#)
- [Executive Order N-79-20](#)
- [California Transportation Commission staff proposed top 6 priority corridors in California.](#)
- [California Manual on Uniform Traffic Control Devices.](#)





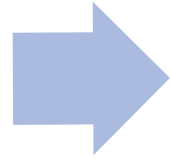
Solicitation Overview

**GFO-23-602: Charging and Refueling Infrastructure for Transport in CALifornia
Provided Along Targeted Highway Segments (CRITICAL PATHS)**

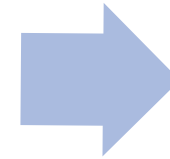


Solicitation Process

Pre-Solicitation Workshop
March 2023

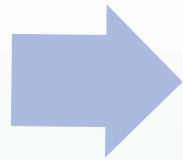


Solicitation Release
September 26, 2023



Applications Due
November 17, 2023

Notice of Proposed Awards
February 2024



CEC Business Meeting
Q2 2024



Project Start
Q2 2024



Purpose of Solicitation

- Competitive grant solicitation
- Support MDHD ZEV hydrogen refueling or charging stations along designated corridors
- Support a coordinated strategy with other agencies for the MDHD ZEV infrastructure build-out statewide.



Available Funding and Minimum/Maximum Award

- A total of \$20 million is available under this solicitation
- The minimum grant award per project is \$5 million
- The maximum grant award per project is \$20 million





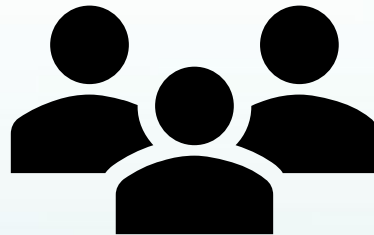
Applications and Awards

- Solicitation has two technology categories:
 - Charging Infrastructure for MDHD battery electric vehicles (BEVs)
 - Hydrogen refueling infrastructure for MDHD fuel cell electric vehicles (FCEVs)
- Applicants may submit multiple applications.
- The project with the highest overall ranking (regardless of category) and at least the minimum passing score will be recommended for funding.
- Intent is not to fund multiple projects in a similar area or to fund projects at the same locations as CFI or TCEP awarded projects.
- 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 public and private entities, excluding investor-owned utilities.
- 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 must:

- Include installation of EV charging and/or hydrogen refueling stations for MDHD vehicles, along priority clean freight corridors.
- Deployment may include
 - 1) Minimum 10 direct current fast chargers (DCFCs) at each location
 - 2) Minimum 3 heavy-duty hydrogen dispensing platforms for simultaneous refueling
 - 3) Minimum of 6 DCFC and 2 HD hydrogen dispensing platforms at each location



Project Requirements (continued..)

All projects must:

- Deploy MDHD EV charging or hydrogen refueling stations at two or more locations for public use.
- Be located in California and must be on a draft priority clean freight corridor.
- Be located within one-linear mile of the identified corridor segment's off-ramp.
- Be less than 100 miles between charging stations or less than 300 miles between hydrogen refueling stations.



Project Requirements (continued...)

All projects must:

- Meet the Minimum Technical Requirements and complete an Open Retail Attestation Form (Attachment 11) for each station as it becomes operational.
- Must operate for minimum 6 years.
- Include highway and on-site signage
- Open to the public 24 hours/day, 7 days/week year-round.
- Prepare a Workforce Plan.
- ...Additional Requirements



Project Costs

EV Eligible project costs include:

- Electric vehicle supply equipment (EVSE)
- Transformers, electric panels, conduit, wiring, meters
- 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
- Utility service upgrades
- Planning and engineering design costs
- Stub-outs
- Engagement and outreach (5% cap)
- EV charging infrastructure development and training (5% cap)
- Extended warranties for the term of the agreement

Hydrogen eligible project costs include:

- Compressors
- Dispenser with hose and nozzles
- High pressure hydrogen storage tubes
- Installation costs
- Planning and engineering design
- Commissioning
- Servicing
- Project Management
- Engagement and outreach (5% cap)
- Hydrogen refueling infrastructure development and training (5% cap)
- Extended warranties for the term of the agreement



Project Costs (continued)

Ineligible project costs include:

- AC Level 1 or Level 2 EVSE
- Fuel, including the cost of transporting fuel to station
- Off-site fueling infrastructure
- Cost of electricity/power
- Vehicle purchases
- Research, development, and demonstration
- Distribution grid or other equipment costs that are otherwise covered by programs or tariff rules of the electric utilities
- Software development
- Projects that help the Applicant meet a performance requirement mandated by local, regional, state, or federal law, rule, or regulation
- Paper studies or research projects





Match Funding

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

Examples of Minimum/Maximum Grant Awards

Total Project Cost	Grant Award	Match Funding	Cash Match
\$10,000,000	\$5,000,000	\$5,000,000	\$2,500,000
\$40,000,000	\$20,000,000	\$20,000,000	\$10,000,000



Application Components

**GFO-23-602: Charging and Refueling Infrastructure for Transport in CALifornia
Provided Along Targeted Highway Segments (CRITICAL PATHS)**



Application Organization

Item	Action Needed by Applicant
Project Narrative	Create document
Scope of Work (Attachment 1)	Complete the attachment
Schedule of Products and Due Dates (Attachment 3)	Complete the attachment
Proposal Budget (Attachment 4)	Complete the attachment
Resumes	Create document(s)
Contact List (Attachment 5)	Complete the attachment
Letters of Support/Commitment	Create document(s)
CEQA Worksheet (Attachment 6)	Complete the attachment
Localized Health Impacts Information Form (Attachment 7)	Complete the attachment
Past Performance Reference Form(s) (Attachment 8)	Complete the attachment(s)
Applicant Declaration (Attachment 9)	Upload document
Workforce Plan	N/A



General Application Information

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

A screenshot of the login page for the Energy Commission Agreement Management System. The page has a blue header with the California Energy Commission logo and navigation icons. Below the header, the title "Energy Commission Agreement Management System" is displayed. The login form consists of two input fields: "Username" and "Password". Below the fields is a blue "Log In" button. 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

- **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. 57)**

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
1.	Team Experience and Qualifications Applications will be evaluated on the degree to which: <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.	10



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 1)

- Applicants must complete Attachment 1.
- 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 1
Exhibit A
SCOPE OF WORK**

TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2		Electric Vehicle Infrastructure Training Program (EVITP) Certification <i>for Charging Infrastructure Projects Only</i>
2		Hydrogen Refueling Safety Plan <i>for Hydrogen Refueling Station Projects Only</i>
3		<Insert Task Name>
<Etc.>		<Insert Task Name>
X<Fifth to Last Task>		Workforce Plan
X<Fourth to Last Task>		Operations and Reliability
X<Third to Last Task>		Semi-Annual Electric Vehicle Charger Inventory Reports
X<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>

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Attachment 1 - Scope of Work GFO-23-602
CRITICAL PATHS



Schedule of Products and Due Dates (Attachment 3)

- Applicants must complete Attachment 3.
- 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>
1.2	Critical Project Review Meetings	CPR Report	<Insert Date>
		1st CPR Meeting CPR Meeting Agenda (CEC)	<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> <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	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

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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 4)

- **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-21-603		
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	\$ -	\$ -	\$ -
Grand Totals	\$ -	\$ -	\$ -
<i>Total LEL Reimbursable Funds Spent in California or Paid to California-Based Entities (if applicable)</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 5)

- Applicants must complete Attachment 5.
- 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 e-mail:	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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Letters of Support/Commitment

- 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 6)

- Applicants must submit a completed Attachment 6.
- The CEC requires this information to assist with our CEQA determinations.
- Applicants are encourage to provide documentation of communication with the local lead agency (e.g. emails)

ATTACHMENT 6

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 7)

- Applicants must complete Attachment 7.
- The CEC requires this information for a Localized Health Impacts report.

Attachment 7
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)

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Past Performance Reference Form (Attachment 8)

- Applicants must complete Attachment 8 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-23-602
PAST PERFORMANCE REFERENCE FORM

Provide references for 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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CRITICAL PATHS



Application Evaluation

**GFO-23-602: Charging and Refueling Infrastructure for Transport in CALifornia
Provided Along Targeted Highway Segments (CRITICAL PATHS)**



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	10
2. Project Location and Market Viability	25
3. Project Readiness	20
4. Project Implementation	20
5. Project Budget	10
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 three (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 Location and Market Viability

Applications will be evaluated on the degree to which:

- The stations will be located in communities and/or along priority clean freight travel corridors that are not served or inadequately served by an existing and planned MDHD hydrogen refueling and/or MDHD electric vehicle charging station network.
- The submitted station photographs and diagrams demonstrate sufficient space for the station equipment and a convenient and safe retail setting for customers.
- The Applicant provides evidence supporting the station location's viability in terms of potential customer demand, which may include coordination with MDHD electric vehicle and/or FCEV fleet deployments.
- The station location(s) will support the adoption of MDHD electric vehicles and FCEVs in DAC/LIC.
- There is coordination with specific MDHD electric vehicle or FCEV fleet(s), there are verified user(s), and the Applicant demonstrates that equipment and fueling protocol or standard fueling guideline will meet expected fleet needs.



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 infrastructure to be deployed is appropriate for the project's vehicle population and leads to successful deployment of zero-emission MDHD vehicles.



Project Readiness (continued)

Applications will be evaluated on the degree to which:

- Equipment manufacturers, connector/refueling standards, fuel delivery methods (for hydrogen projects), security measures, and safety standards are appropriate for the proposed project and lead to successful deployment of zero-emission MDHD vehicles.
- 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.



Project Implementation

Applications will be evaluated on the degree to which:

- The project team demonstrates it is committed and has the resources to operate each station for at least six years.
- The Operation and Maintenance Plan describes clear, detailed, and convincing strategies to: Pay for operation and maintenance costs, including any plans to use LCFS credit revenue, and contingency plans.
 - Maximize station uptime, defined as the percentage of hours the station is available for fueling relative to the permitted hours of operation for the station.
 - Complete planned and unplanned maintenance.
 - Coordinate maintenance activities / downtime with nearby stations.
 - Provide customer service, including communication with customers about planned and unplanned downtime.
 - Collect payment from customers.
 - Attract and retain qualified service technicians.
 - Ensure customer satisfaction.



Project Implementation (continued)

Applications will be evaluated on the degree to which:

- Provides credible plans to achieve aggressive response times for various types of operations and maintenance issues.
- Will minimize the retail price of fuel and/or the cost of charging.



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 match funding commitments are documented and verifiable.
- The Applicant demonstrates the need for state funding for the proposed project.
- The proposed project cost effectively reduces GHG emissions.



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 DAC/LIC or adjacent communities, and/or tribal lands.
- 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).
- The proposed project addresses resiliency in order to carry out the goals of the project during an emergency.



Environmental and Economic Benefits (continued)

Applications will be evaluated on the degree to which:

- The proposed project will:
 - Conduct outreach and engagement efforts aimed at job recruitment, job-placement strategies, and local hiring especially from those facing employment barriers and residents from DAC/LIC and individuals whose income is below poverty.
 - Recruit pre-apprentices from DAS approved pre-apprenticeship programs.
 - Support job quality, training, and upward mobility.
 - Respect and implement labor laws including workers right to organize.
- The proposed project will expand 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-23-602: Charging and Refueling Infrastructure for Transport in CALifornia Provided Along Targeted Highway Segments (CRITICAL PATHS)



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 & Conditions (Attachment 13)



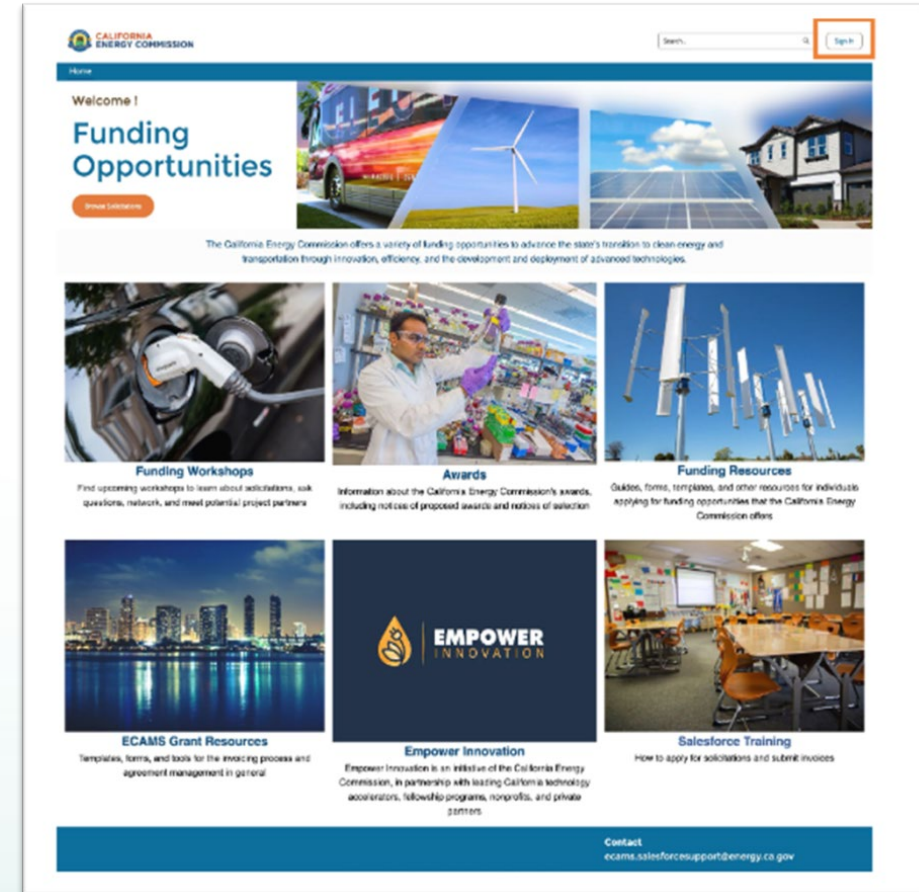
Application Submittal

GFO-23-602: Charging and Refueling Infrastructure for Transport in CALifornia Provided Along Targeted Highway Segments (CRITICAL PATHS)



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





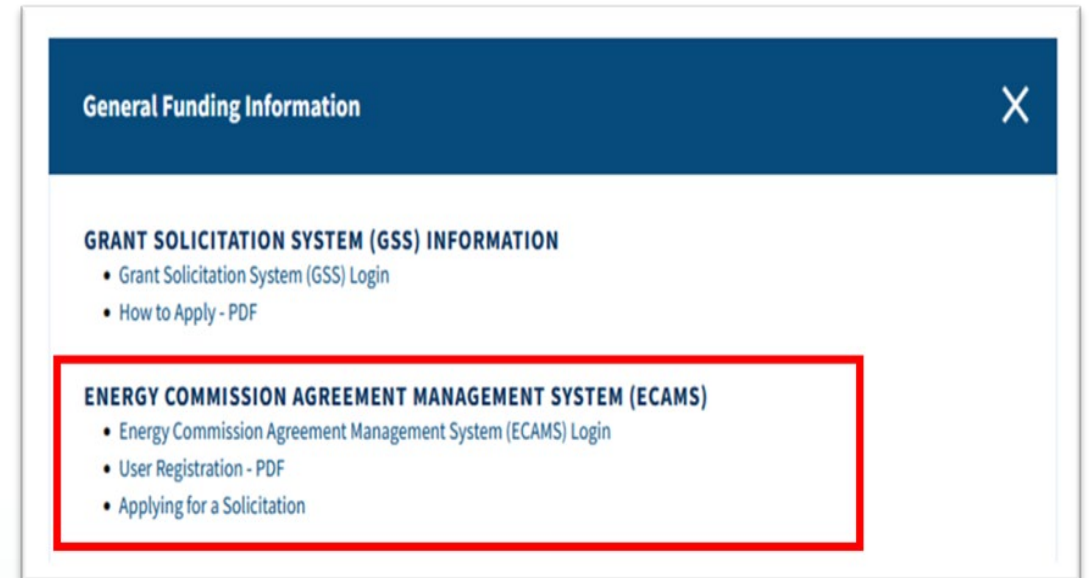
GFO Submission Requirements, Cont.

- 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". The ECAMS section is highlighted with a red border.

General Funding Information X

GRANT SOLICITATION SYSTEM (GSS) INFORMATION

- Grant Solicitation System (GSS) Login
- How to Apply - PDF

ENERGY COMMISSION AGREEMENT MANAGEMENT SYSTEM (ECAMS)

- Energy Commission Agreement Management System (ECAMS) Login
- User Registration - PDF
- Applying for a Solicitation



GFO Submission

Submit applications early!

ECAMS will stop accepting application documents promptly at the deadline of 11:59 p.m. on November 17, 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 26, 2023
Pre-Application Workshop	October 10, 2023
Deadline for Written Questions by 5:00 p.m.	October 13, 2023
Anticipated Distribution of Question/Answers	Week of November 7, 2023
Deadline to Submit Applications by 11:59 p.m.	November 17, 2023
Anticipated Notice of Proposed Awards Posting	Week of February 5, 2024
Anticipated Energy Commission Business Meeting	May 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 Brad.Worster@energy.ca.gov

Deadline: October 13, 2023 5:00 p.m. PST

Note that an official CEC response will be provided in writing and posted on the GFO webpage in November.



Written Questions

Please send all questions related to GFO-23-602 to:

Brad Worster
Commission Agreement Officer
715 P Street, MS-1
Sacramento, CA 95814
(916) 897-1647
Brad.Worster@energy.ca.gov
(Please add subject line: GFO-23-602)

Deadline to submit questions: Friday, October 13, 2023, 5:00 p.m. PST

Deadline to submit applications: Friday, November 17, 2023, 11:59 p.m. PST



Next Steps

Activity	Action Date
Deadline for Written Questions by 5:00 p.m.	October 13, 2023
Anticipated Distribution of Question/Answers	November
Deadline to Submit Applications by 11:59 p.m.	November 17, 2023
Anticipated Notice of Proposed Awards Posting	Week of February 5, 2024

Updates to solicitation documents will be posted on the [GFO Webpage](https://www.energy.ca.gov/solicitations/2023-09/gfo-23-602-charging-and-refueling-infrastructure-transport-california):
<https://www.energy.ca.gov/solicitations/2023-09/gfo-23-602-charging-and-refueling-infrastructure-transport-california>



Thank You!

Applications are due November 17, 2023 by 11:59 p.m.