



GFO-24-602 Pre-Application Workshop

Charging and Refueling Infrastructure for Transport in California Provided Along Targeted Highway Segments (CRITICAL PATHS) 2.0

Fuels and Transportation Division
October 28, 2024| 9:00 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/2024-10/gfo-24-602-charging-and-refueling-infrastructure-transport-california>
- Virtual Participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer:
Natalie Johnson, email: natalie.johnson@energy.ca.gov
Subject: GFO-24-602
Q&A Deadline: Wednesday, November 6, 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-G7GrbGJFmZJPv38ckjJURVNPUzJTOFpaNTITN0dURFNLWFINWkMwQS4u>



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)
- 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

- [2023-2024 Investment Plan Update for the Clean Transportation Program](#)
- [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](#)
- [SB 671 Clean Freight Corridor Efficiency Assessment](#)
- [Executive Order N-79-20](#)





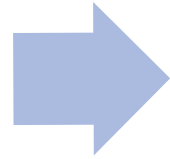
Solicitation Overview

**GFO-24-602: Charging and Refueling Infrastructure for Transport
in CALifornia Provided Along Targeted Highway Segments
(CRITICAL PATHS) 2.0**

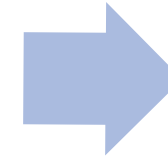


Solicitation Process

Pre-
Solicitation
Workshop
July 2024

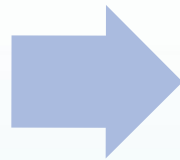


Solicitation
Release
**October 16,
2024**

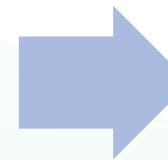


Applications Due
**January 15,
2025**

Notice of
Proposed
Awards
March 2025



CEC Business
Meeting
**May/June
2025**



Project Start
Q3 2025



Purpose of Solicitation

- Competitive grant solicitation
- Support MDHD ZEV hydrogen refueling or charging stations along designated clean freight 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 \$30 million is available under this solicitation
- The minimum grant award per project is \$5 million
- The maximum grant award per project is \$10 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 CEC expects to recommend an award for at least one charging and one hydrogen project.
- The CEC will award the next highest-ranking projects achieving at least the minimum passing score, regardless of technology type, in ranked order until all funds available under this 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

- All public and private entities, California Native American Tribes, and California Tribal Organizations serving California Native American Tribes.
 - Ineligible applicants – investor-owned utilities.
- 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, along priority clean freight corridors (Attachment 18).
- Deployment may include either:
 - 1) Minimum 10 high-powered direct current fast chargers (DCFCs) at each location. Each charging port must be capable of 200 kW.
 - 2) Minimum 3 heavy-duty hydrogen dispensing platforms for simultaneous refueling. At least two must be 700 bar. One can be 350 bar.



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 located on a priority clean freight corridor.
- Be located within two-linear miles of the identified corridor segment's off-ramp.
- Be no farther than 125 miles between charging stations and for hydrogen stations, no farther than 300 miles between each.



Project Requirements (continued)

All projects must:

- Meet the Minimum Technical Requirements and complete an Open Retail Attestation Form (Attachment 15) 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 in solicitation manual



Project Costs

EV Eligible project costs include:

- Electric vehicle supply equipment (EVSE)
- Transformers, electric panels, conduit, wiring, meters
- Photovoltaic solar panels separately metered for electric vehicle charging
- Installation costs
- Utility service upgrades
- Planning and engineering design costs
- Demand management equipment
- Commissioning
- Project management
- Engagement and outreach (1% cap)
- EV charging infrastructure development and training (3% cap)

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 (1% cap)
- Hydrogen refueling infrastructure development and training (3% cap)



Project Costs

Ineligible project costs include:

- Fuel, including the cost of transporting fuel to station
- Off-site fueling infrastructure
- Mobile refuelers or mobile charging equipment
- Cost of electricity/power
- Vehicle purchases and vehicle-related expenses
- Market, literature, or technology surveys, or meta-analysis studies
- Research, development, and demonstration
- Tests for regulatory compliance
- Software development
- Lab-scale research and validation
- Proof of concepts, functions, and prototype development
- Nonrenewable DERs, such as generators that use nonrenewable fossil fuels





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 Match Funding/Grant Awards

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



Application Components

**GFO-24-602: Charging and Refueling Infrastructure for Transport
in CALifornia Provided Along Targeted Highway Segments
(CRITICAL PATHS) 2.0**



Application Organization (p. 44)

Item	Action Needed by Applicant
Project Narrative (Attachment 1)	Complete the attachment
Scope of Work (Attachment 3)	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
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
Station Photographs and Diagrams (Attachment 17)	Complete the attachment
Evaluation Criteria for Priority Populations (Attachment 21)	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 California Energy Commission's Agreement Management System login page. The page features 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 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 (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
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 3)

- Applicants must complete Attachment 3.
- 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 3 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		Electric Vehicle Infrastructure Training Program (EVITP) Certification and Type Approval Requirements for Charging Infrastructure Projects Only
2		Hydrogen Refueling Safety Plan for Hydrogen Refueling Station Projects Only
<Etc.>		<Insert Task Name>
<Etc.>		<Insert Task Name>
X<Fifth to Last Task>		Workforce Plan
<Fourth to Last Task>		Operations and Reliability
<Third to Last Task>		Semi-Annual Electric Vehicle Charger Inventory Reports
<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.>



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 <i>Schedule of Products and Due Dates</i>			
<i>Task Number</i>	<i>Task Name</i>	<i>Product(s)</i>	<i>Due Date</i>
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>
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 funds (if applicable)	
		Letter that match funds were reduced (if applicable)	identifying reduced funds

Attachment 041 of 4GFO-24-602
CRITICAL PATHS 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 sections: 'Direct Labor Hourly (0)' and 'Direct Labor Monthly (0)'. Each section has a table with the following columns: JOB CLASSIFICATION, LABOR RATE (\$ PER HOUR / \$ PER MONTH), # OF HOURS / # OF MONTHS, RATE X HOURS / RATE X 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)', and '# of Hours'. Below these are fields for '* 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](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	\$ -	\$ -	\$ -
Total LEL 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			



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: <i>(Progress Reports and Non-Confidential Products may be emailed to the CAM or uploaded into ECAMS with Invoice.)</i> (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: Natalie Johnson California Energy Commission Contracts, Grants, and Loans Office 715 P Street, MS-18 Sacramento, CA 95814 e-mail: Natalie.Johnson@energy.ca.gov	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:



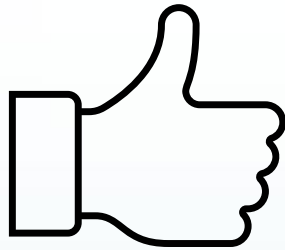
Letters of Commitment (Attachment 8)

- 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

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CRITICAL PATHS 2.0



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://oeres.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 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 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 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.	



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 California Energy Commission (CEC) solicitation GFO-24-602, 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 CEC 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 CEC or another government agency is a party; and
- Is complying with any demand letter made on the Applicant by the CEC or another government agency; and
- Is not in active litigation with the CEC regarding the Applicant's actions under a current or past contract, grant, or loan with the CEC.

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)



Station Photographs and Diagrams (Attachment 17)

- Applicants must complete Attachment 17.
- Applicants must submit current photographs of each proposed station site from each direction.
 - As well as outward-facing photographs that show access roads and surrounding land uses
- Applicants must submit a diagram or drawings of each proposed station layout

ATTACHMENT 17 Station Photographs and Diagrams

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
 - 14. Station Photographs and Diagrams

|



Evaluation Criteria for Priority Populations (Attachment 21)

- Applicants must complete Attachment 21.
- 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 21

Evaluation Criteria for Providing Benefits To 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.

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 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-24-602: Charging and Refueling Infrastructure for Transport in CALifornia Provided Along Targeted Highway Segments (CRITICAL PATHS) 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	10
2. Project Location and Benefits	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 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 the designated 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 communities with priority populations.
- 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 priority populations 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

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-24-602: Charging and Refueling Infrastructure for Transport in CALifornia Provided Along Targeted Highway Segments (CRITICAL PATHS) 2.0



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 at <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>
- Special Terms and Conditions for California Native American Tribes and Organizations With Sovereign Immunity
- Special Terms and Conditions for Greenhouse Gas Reduction Fund



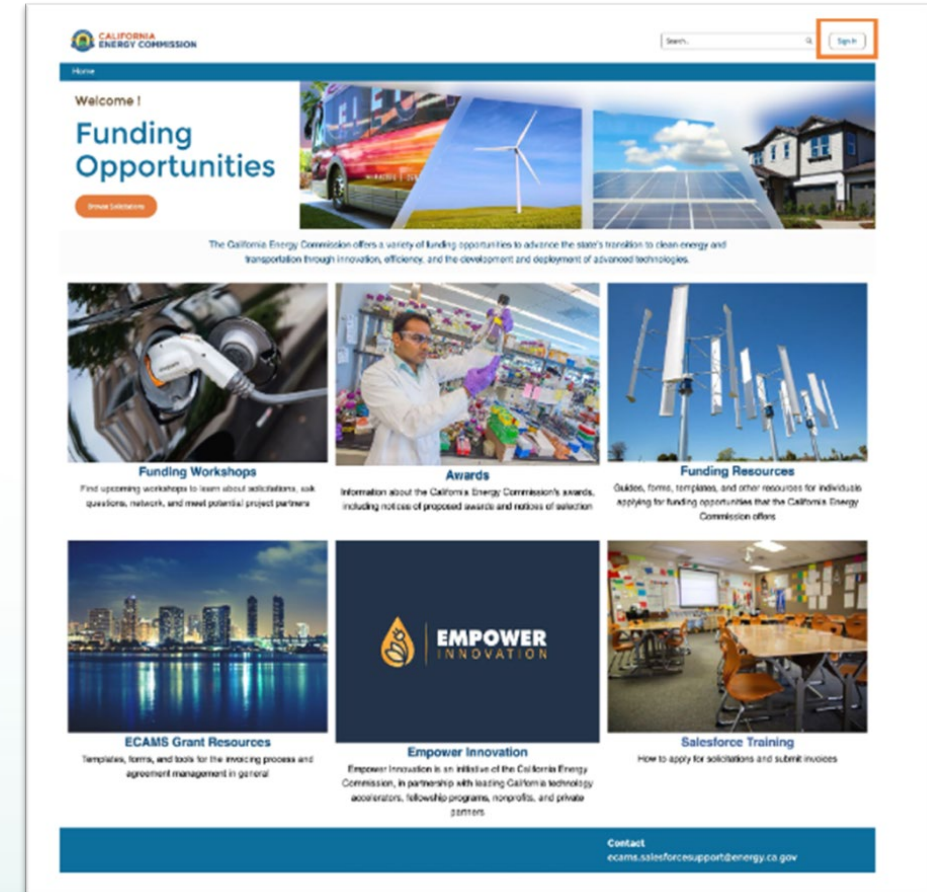
Application Submittal

**GFO-24-602: Charging and Refueling Infrastructure for Transport
in CALifornia Provided Along Targeted Highway Segments
(CRITICAL PATHS) 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, Cont.

- 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. on January 15, 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	October 16, 2024
Pre-Application Workshop	October 28, 2024
Deadline for Written Questions by 5:00 p.m.	November 6, 2024
Anticipated Distribution of Question/Answers	Week of Nov. 18, 2024
Deadline to Submit Applications by 11:59 p.m.	January 15, 2025
Anticipated Notice of Proposed Awards Posting	Week of March 3, 2025
Anticipated CEC Business Meeting	May/June 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 natalie.johnson@energy.ca.gov

Deadline: November 6, 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 November 18, 2024.



Written Questions

Please send all questions related to GFO-24-602 to:

NATALIE JOHNSON

Commission Agreement Officer

715 P Street, MS-1

Sacramento, CA 95814

Natalie.Johnson@energy.ca.gov

(Please add subject line: GFO-24-602)

Deadline to submit questions: Wednesday, November 6, 2024, 5:00 p.m. PST

Deadline to submit applications: Wednesday, January 15, 2025, 11:59 p.m. PST



Next Steps

Activity	Action Date
Deadline for Written Questions by 5:00 p.m.	November 6, 2024
Anticipated Distribution of Question/Answers	Week of November 18, 2024
Deadline to Submit Applications by 11:59 p.m.	January 15, 2025
Anticipated Notice of Proposed Awards Posting	Week of March 3, 2025

Updates to solicitation documents will be posted on the [GFO Webpage](https://www.energy.ca.gov/solicitations/2024-10/gfo-24-602-charging-and-refueling-infrastructure-transport-california):
<https://www.energy.ca.gov/solicitations/2024-10/gfo-24-602-charging-and-refueling-infrastructure-transport-california>



Thank You!

Applications are due January 15, 2025, by 11:59 p.m.