DOCKETED		
Docket Number:	22-EVI-05	
Project Title:	National Electric Vehicle Infrastructure (NEVI) Funding Program	
TN #:	253051	
Document Title:	Presentation - California's National Electric Vehicle Infrastructure Formula Program, Solicitation #1	
Description:	GFO-23-601 NEVI Pre-Application Workshop deck slides	
Filer:	Spencer Kelley	
Organization:	California Energy Commission	
Submitter Role:	Commission Staff	
Submission Date:	11/8/2023 12:40:50 PM	
Docketed Date:	11/8/2023	



GFO-23-601 Pre-Application Workshop

California's National Electric Vehicle Infrastructure (NEVI) Formula Program, Solicitation #1

Fuels and Transportation Division November 9, 2023 | 9:00 a.m.



Workshop Agenda

- Welcome and Introductions
 - Diversity Survey
 - Empower Innovation
 - Clean Transportation Program
- Solicitation Overview
 - Process
 - o 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
- <u>GFO-23-601 Webpage</u>: https://www.energy.ca.gov/solicitations/2023-10/gfo-23-601-californias-national-electric-vehicle-infrastructure-formula
 - Solicitation attachments
 - Slides
 - Workshop Recording (by 11/22)
- Virtual Participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer:

Enrico Palo, email: enrico.palo@energy.ca.gov

Subject: GFO-23-601

Q&A Deadline: November 22, 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.

<u>Survey Link</u>: https://forms.office.com/g/xpRk8cMa4D



Find Partners on EmpowerInnovation.net

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

www.empowerinnovation.net

FIND A PARTNER

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

RESOURCES & TOOLS

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



Clean Transportation Program

- Established in 2007 by Assembly Bill 118 (2007)
- Extended to January 1, 2024, by Assembly Bill 8 (2013)
- Extended to July 1, 2035, by Assembly Bill 126 (2023)
- Provides approximately \$95 million of funding per year through 2034
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development





Policy Drivers

- Investment Plan Update for the Clean Transportation Program
- Assembly Bill 2127 Electric Vehicle Charging Infrastructure Assessment – Analyzing Charging Needs to Support Zero-Emission Vehicles in 2030
- California Electric Vehicle Infrastructure Deployment Assessment: Senate Bill 1000 Report
- Senate Bill 350 Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents
- Executive Order N-79-20





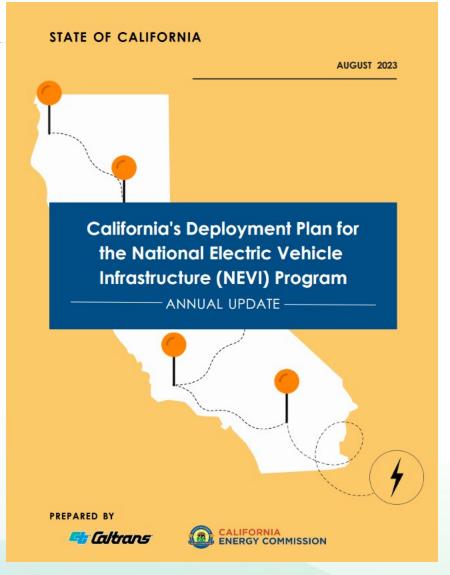
National Electric Vehicle Infrastructure (NEVI) Program

- Established through Infrastructure Investment and Jobs Act (IIJA)
- Establish a nationwide, interconnected network of publicly available electric vehicle chargers along Alternative Fuel Corridors
- California's distribution of the formula funding is estimated at \$384 million over 5 years



NEVI Deployment Plan

- In partnership with Caltrans
- Original approved in September 2022
- Must submit an annual update for Federal approval
- Strong emphasis on Justice40, disadvantaged, and low-income communities
- 97% uptime: Operations, maintenance, & reliability





Resources

California Energy Commission NEVI Docket (22-EVI-05)

https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi

Joint Office of Energy and Transportation Technical Assistance https://driveelectric.gov/technical-assistance/

National Electric Vehicle Infrastructure Standards and Requirements https://www.federalregister.gov/documents/2023/02/28/2023-03500/national-electric-vehicle-infrastructure-standards-and-requirements

<u>Caltrans Local Assistance Guidelines and Procedures</u> https://dot.ca.gov/programs/local-assistance/guidelines-and-procedures

Caltrans Local Assistance Procedure Manual (LAPM) Forms

https://dot.ca.gov/programs/local-assistance/forms/local-assistance-procedures-manual-forms



Solicitation Overview

California's NEVI Formula Program, Solicitation #1



Solicitation Process

Pre-Solicitation Workshop September 2022



Solicitation Release

October 26, 2023



Applications Due

January 26, 2024



Notice of Proposed Awards

April 2024



CEC Business Meeting

Q3 2024



Project Start

Q3 2024



Purpose of Solicitation

- Competitive grant solicitation
- Purpose: Strategically deploy high-powered direct current fast charging (DCFC) electric vehicle (EV) charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability



Available Funding and Maximum Award

- A total of \$40,500,000 is available under this solicitation
- The maximum grant award varies per corridor group

Table 1: Maximum Awards for Corridor Groups

Corridor Group	Maximum Award
6A	\$10,050,000
6B	\$12,150,000
7	\$9,300,000
16	\$3,000,000
19	\$2,400,000
20	\$3,600,000



Applications and Awards

Applicants may submit 1 application per corridor group

The CEC will screen and score applications

Applicants submitting multiple applications may only receive up to 3 awards

• The projects with the highest <u>overall</u> ranking and at least the minimum passing score within each corridor group will be recommended for funding.



Eligible Applicants

- All private entities, excluding Investor-Owned Utilities
- Applicants must accept the Terms and Conditions and Special 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





Eligible Projects

Eligible projects:

- Must deploy high-powered DCFCs along the corridor segments identified in Table 2 of the solicitation
- Can install as many charging stations as desired but must only deploy the exact number of CCS charging ports identified in Table 2
- Additional charging ports can be deployed but may not be included in the proposal in any form. Awarded projects cannot include the additional ports in the total project cost.
- Must satisfy site requirements shown in Table 3, if applicable



Corridor Group Details: Table 2

Corridor Groups	Corridor Segments	Minimum Number New Charging Stations	Total Number of New CCS Charging Ports
6A	I-5: South of Sacramento to Kettleman City	2	67
6B	I-5: South of Kettleman City to Santa Clarita	2	81
	SR 58: (I-5/SR 58) Buttonwillow to Barstow	4	16
7	I-15: Hesperia to Nevada	2	38
	I-40: Barstow to Needles	1	8
	I-8: San Diego to El Centro	2	8
16	I-15: San Diego to Murrieta	2	8
	I-805: San Diego to San Ysidro	1	4
	I-210: Sylmar to Redlands	1	4
19	I-215: Murrieta to San Bernardino	2	8
	I-405: Mission Hills to Irvine	1	4
20	I-110: Los Angeles to San Pedro	2	8
	I-710: Los Angeles to Long Beach	2	8
	I-605: Irwindale/Duarte to Seal Beach	1	4
	I-105: El Segundo to Norwalk	1	4



Required Locations: Table 3

Corridor Groups	Corridor Segments	Required Site Location(s)	
6A	I-5: South of Sacramento to Kettleman City	None	
6B	I-5: South of Kettleman City to Santa Clarita	None	
_	SR 58: Buttonwillow to Barstow	I-5/SR 58 (Buttonwillow) SR 58/I-15 (Barstow)	
7	I-15: Hesperia to Nevada	None	
	I-40: Barstow to Needles	None	
	I-8: San Diego to El Centro	None	
16	I-15: San Diego to Murrieta	I-15/I-5 (San Diego) I-15/I-215 (Murrieta)	
	I-805: San Diego to San Ysidro	I-805/I-5 (San Diego)	
19	I-210: Sylmar to Redlands	I-210/I-5 (Sylmar)	
	I-215: Murrieta to San Bernardino	I-215/I-15 (Murrieta) I-215/I-15 (San Bernardino)	
	I-405: Mission Hills to Irvine	I-405/I-5 (Mission Hills)	
20	I-110: Los Angeles to San Pedro	I-110/I-10 (Los Angeles) I-110/SR 47 (San Pedro)	
	I-710: Los Angeles to Long Beach	I-710/I-10 (Los Angeles) I-710/SR 1 (Long Beach)	
	I-605: Irwindale/Duarte to Seal Beach	I-605/I-210 (Irwindale/Duarte)	
	I-105: El Segundo to Norwalk	I-105/I-605 (Norwalk)	



Project Requirements Overview

- 1. Comply with the Federal NEVI requirements
- 2. Project Location
- 3. California Disadvantaged, Low-income, and Justice 40 communities
- 4. Corridor Coverage
- 5. Number of Charging Stations
- 6. Number of Charging Ports
- 7. Charging Stations
- 8. EV Charging Station Accessibility and Availability
- 9. Project Team
- 10. Charging Equipment

- 11. Build America, Buy America
- 12. Electric Vehicle Infrastructure Training Program (EVITP)
- 13. Charging Stations Installed After January 1, 2024 (AB 2061)
- 14.AB 2974 Small Business Requirements
- 15. Data Submittals
- 16. Operation, Maintenance, and Uptime
- 17. Payment Options
- 18. Customer Service
- 19. Highway and On-Site Signage
- 20. Eligible Costs



Requirements – Federal Compliance

- Build America, Buy America
- EVITP 25% of electricians at the site
- Davis Bacon Act
- NEPA compliance
- American with Disabilities Act of 1990
- 97% uptime
- Payment Options NFC <u>AND</u> RFID
- 24/7 access to the charging station
- <u>Joint Office of Energy and Transportation Technical Assistance and Resources for States and Communities</u> (https://driveelectric.gov/states-communities)



Requirements - Project Location

- Located on the Corridor Group's specified corridors
- Required charging station locations in Table 3
- NEVI compliant charging stations at least every 50 miles
- Located within 1-mile, as the car drives
- Encouraged to be placed on existing paved lots
- Cannot be located on sites or property owned by Caltrans



Requirements — California Disadvantaged (DAC), Low-Income (LIC), and Justice40 Communities

- At least 50% of charging ports located within DAC and/or LICs
 - <u>California Climate Investments Priority Populations 2022 CES 4.0 Map</u>
 (https://gis.carb.arb.ca.gov/portal/apps/experiencebuilder/experience/?id=6b4b15f8c6514733972ca bdda3108348)
- At least 40% of charging ports located within a Justice 40 Community
 - Argonne National Laboratory's Electric Vehicle Charging Justice40 Map
 (https://anl.maps.arcgis.com/apps/webappviewer/index.html?id=33f3e1fc30bf476099923224a1c1b3 ee)



Requirements – Number of New Charging Stations

- Physical locations/sites
- NEVI compliant
- Install at least the minimum number identified in Table 2
- Must be accessible to all EV drivers
- 24/7 access
- Must have paved charging spaces
- Must be well-lit and safe



Requirements – Total Number of New CCS Charging Ports

- Number of vehicles the charger can supply power to simultaneously
- Must provide at least 150 kW if requested
- Install the exact total number identified in Table 2
- CCS connectors are required
- Additional charging ports cannot be included as match, but can be installed



Requirements – Project Team

- Must have at least 1 "Experienced Contactor"
 - A company or organization with a proven record of accomplishment of overseeing the procurement, permitting, and installation of at least 20 DC fast chargers and completed at least three or more different property locations for three or more different customers since January 1, 2018
 - Serves as a subject matter expert to other contractors
- It is **NOT** necessary that every contractor/vendor meet the "Experienced Contractor" definition
- Charging network provider capable of providing networking services through the 5-year in-service requirement



Requirements – Charging Stations & Equipment

- Each charging station must have at least four (4) charging ports that can simultaneously supply at least 150 kW each to a vehicle when requested
- Strongly encouraged to have 480 volts 3-phase power available
- Should be supported by a grid connection of at least 600 kW
- All conduit runs installed must be sized to provide at least 350 kW to each charger
- Charging ports must:
 - Support output voltages between 250 Volts DC and 920 volts DC
 - Be capable of at least 375 Amps
 - Have at least one (1) permanently attached CCS connector
 - Additional CHAdeMO and NACS are allowed to be installed if the previous requirement is still met



Requirements – Charging Stations & Equipment (cont.)

- Energy Star certified*
- ISO 15118-3, ISO 15118-2 and ISO 15118-20
- Plug-and-Charge using ISO 15118-2
- OCPP 2.0.1 or later
- Designed to securely switch network providers
- Networked and include at least a 5-year networking agreement
- Meet all NEVI cybersecurity requirements
- Be safety certified
- Meet Build America, Buy America requirements
- Networking software must use OCPP 2.0.1 for charger management and data reporting
- * Chargers are not required to be Energy Star certified at the time of application submittal, but must be certified prior to submitting an invoice for reimbursement. Must be listed on the Energy Star Product Finder Page.



Requirements – State Laws

- AB 2061 Recordkeeping and Reporting
 - Chargers installed on or after January 1, 2024
- AB 2974 Small Business
 - 25% of NEVI Funds should be spent on small businesses
 - Seeking exemption for equipment and materials
- AB 123
 - California payment accessibility
- California Type Evaluation Program (CTEP) certification
- Division of State Architecture Americans with Disabilities Act compliant charging spaces



Eligible Project Costs

- Electric vehicle supply equipment (EVSE)
- Transformers, electric panels, conduit, wiring, meters
- Renewable distributed energy resources or energy storage equipment/systems capable of providing independent or supplemental power to the EV chargers
- Photovoltaic solar panels separately metered for electric vehicle charging
- Installation costs
- Planning and engineering design costs
- Stub-outs
- Demand management equipment
- Extended warranty or agreement for operation, maintenance, and/or servicing of equipment
- Local engagement and outreach related to EV charging
- Signage
- EV charging infrastructure workforce development



Ineligible Project Costs

- Upgrade and/or replacement of equipment that was previously funded by other CEC funding opportunities.
- Vehicle purchases
- Standard outlets (110/120 volt to 220/240 volt)
- Level 1 and/or Level 2 chargers
- Nonrenewable distributed energy resources
- Distribution grid or other equipment costs that are otherwise covered by programs or tariff rules of the electric utilities
- Utility service upgrade costs covered by the utility
- Processes to comply with otherwise applicable legal requirements
- Paper studies or research projects
- Forgone profit or rent
- Additional chargers installed above the total number of new charging ports listed in Table 2
- Valuation of land
- Charging space lease/rental payments



Application Components

California's NEVI Formula Program, Solicitation #1



Match Funding

 Applications must include at least 50% match of the total project cost. Of the total 50% minimum match requirement, 50% must be in the form of cash match (or 25% of the total project cost)

Examples of Maximum Grant Awards

Corridor Group	Maximum Grant Award	Total Match Funding	Cash Match (included in Total Match)	Total Project Cost	Grant Award / Total Project Cost
19	\$2,400,000	\$2,400,000	\$1,200,000	\$4,800,000	50%
6B	\$12,150,000	\$12,150,000	\$6,075,000	\$24,300,000	50%



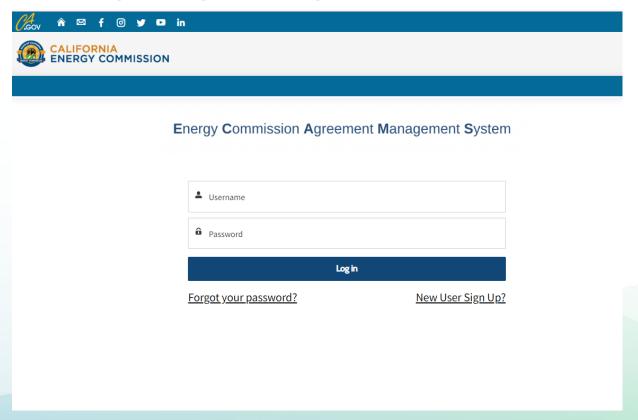
Application Organization

<u> Item</u>	Action Needed by Applicant
Project Narrative (<26 pages)	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
Past Performance Reference Form(s) (Attachment 9)	Complete the attachment(s)
Operations and Maintenance Plan (<11 pages)	Create document
Preliminary Signage Plan (<5 pages)	Create document
Utility Verification Form (Attachment 10)	Complete the attachment(s)
National Environmental Policy Act Preliminary Environmental Study Form	Complete the attachment(s)



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/





Project Narrative

- Applicants must submit a project narrative
 - Limited to 25 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. 52-57)

2. **Project Narrative**

The Project Narrative must include a table of contents (which will not count towards the page limitations) and a detailed description of the proposed project, its operational goals and objectives, and an explanation of how these will be implemented through the tasks described in the Scope of Work.

Applicants must address each of the scoring criteria described in this solicitation by providing sufficient, unambiguous detail so that the evaluation team will be able to evaluate the application against each scoring criterion.

E. EVALUATION CRITERIA

Criterion	Possible Points
1. Charging Station Design	
 Applications will be evaluated on the degree to which an Applicant: Lists the proposed DC fast charging station locations, including addresses, if known. Provides a clear, concise, and compelling justification for the specific proposed station location(s). Details if each proposed station is a new or existing location. Does not use "up to" for numbers of charging stations; uses exact numbers or "at least." 	50
Defines the maximum distance between NEVI-compliant charging station locations, existing and/or proposed by this application. States the maximum distance between any proposed station location and the end of the off rame, or highway, if there is no off	

Solicitation Manual pp. 29-35



Table of Contents

- The Project Narrative must include a Table of Contents
- Table of Contents will not count towards the 25-page limit

	Table of Contents	
I.	INTRODUCTION	4
Α.		
В.	Background	4
C.	KEY ACTIVITIES AND DATES	5
D.	How Award Is Determined	5
E.	AVAILABILITY OF FUNDS	6
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G.		
Н.		
I.	PRE-APPLICATION WORKSHOP	
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M.	REFERENCE DOCUMENTS	8
II.	ELIGIBILITY REQUIREMENTS	. 11
Α.	APPLICANT REQUIREMENTS	11
В.	PROJECT REQUIREMENTS	11
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	EVALUATION PROCESS AND CRITERIA	
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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

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

Task#	CPR	Task Name
1		Administration
2	Х	Environmental Review and Engineering
3	Х	Right-of-Way
4		Site Preparation and Equipment Procurement
5	Х	Charging Station Construction and Commissioning
<etc.></etc.>		<insert name="" task=""></insert>
<etc.></etc.>		<insert name="" task=""></insert>
<third to Last Task></third 	Х	Operations and Reliability
<seco nd to Last Task></seco 		Data Collection and Analysis
<last Task></last 		Project Fact Sheet

GLOSSARY

Specific terms and acronyms used throughout this scope of work are defined as follows:

Term/ Acronym	Definition
ADA	Americans with Disabilities Act
CAM	Commission Agreement Manager
Caltrans	California Department of Transportation
CAO	Commission Agreement Officer
CCS	Combined Charging System
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CHAdeM O	A charging port standard for fast charging of electric vehicles

October 2023

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Attachment 1 - Scope of Work California's National Electric Vehicle
Infrastructure Formula Program



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

Task umber	Task Name	Product(s)	Due Date
1.1		ck-off Meeting	
		Updated Schedule of Products	<insert date=""></insert>
		Updated List of Match Funds	<insert date=""></insert>
		Updated List of Permits	<insert date=""></insert>
		Written Statement of Match Share Activities	<insert date=""></insert>
		Kick-Off Meeting Agenda (CEC)	<insert date=""></insert>
1.2	Critical Pr	oject Review Meetings	
	1st CPR	CPR Report	<insert date=""></insert>
		CDD Mooting Agonda (CEC)	<insert date=""></insert>
	Meeting	Schodule for written determination (CEC)	<insert date=""></insert>
	(Task 2)	Written determination (CEC)	<insert date=""></insert>
		CDD Deport	<insert date=""></insert>
	2nd CPR	CDD Mosting Agondo (CEC)	<insert date=""></insert>
	Meeting	Schedule for written determination (CEC)	<insert date=""></insert>
	(Task 3)	Written determination (CEC)	<insert date=""></insert>
	2-4 000	CDD Donort	<insert date=""></insert>
	3rd CPR	CDD Mooting Agonda (CEC)	<insert date=""></insert>
	Meeting	Schedule for written determination (CEC)	<insert date=""></insert>
	(Task 5)	Written determination (CEC)	<insert date=""></insert>
	4th CPR	CPR Report	<insert date=""></insert>
		CPR Meeting Agenda (CEC)	<insert date=""></insert>
	(Task	Schedule for written determination (CEC)	<insert date=""></insert>
	<third td="" to<=""><td></td><td></td></third>		
	Last>)	Written determination (CEC)	<insert date=""></insert>
		<utilize 1st="" as="" cpr="" meeting="" products="" same=""></utilize>	<insert date=""></insert>
CPI	Rs as	<utilize 1st="" as="" cpr="" meeting="" products="" same=""></utilize>	<insert date=""></insert>
1.3	Final Mee		
		Written documentation of meeting agreements	<insert date=""></insert>
		Schedule for completing closeout activities	<insert date=""></insert>
1.4	Monthly C		
		Email to CAM concurring with call summary notes	Within 5 days of recei
1.5	Quarterly	Progress Reports	
			10th calendar day of
			each January, April, Ju
			and October during th
			approved term of this
		Quarterly Progress Reports	Agreement
1.6	Final Rep		
		Final Outline of the Final Report	<insert date=""></insert>



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 <u>CEC ECAMS</u> <u>Resources</u> webpage

at: https://www.energy.ca.gov/fundingopportunities/funding-resources/ecams-resources



	Direct Lab	or - Hourly		
Job Classification	Highest Estimated La	bor Rate (\$ per hour)	# of Hours	
*CEC Share Value		*Match Share Value		
☐ Include Indirect Cost		☐ Include Profit ③		
Add more Direct Labor				
				Cancel Save



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 <u>CEC ECAMS Resources</u> webpage at: <u>https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources</u>

PRO	POSAL BUDGE	<u>T</u>		
Category Budget				
Grant Funding Number		GFO-23-601		
Name of Organization				
	Recipient or Subrecipie			
Select your organiza	ation's California Busine	ss Certifications		
Cost Category	CEC Share	Match Share	Total	
Direct Labor	\$ -	\$ -	\$ -	
Fringe Benefits	\$ -	s -	s -	
Total Labor	\$ -	\$ -	\$ -	
Travel	\$ -	\$ -	\$ -	
Equipment	\$ -	\$ -	\$ -	
Materials/Miscellaneous	\$ -	\$ -	\$ -	
Submecipients/Vendors	\$ -	\$ -	\$ -	
Total Other Direct Costs	\$ -	\$ -	\$ -	
Indirect Costs	\$ -	\$ -	\$ -	
Profit (not allowed for grant recipients)	\$ -	\$ -	\$ -	
Total Indirect and Profit	\$ -	\$ -	\$ -	
Grand Totals	\$ -	\$ -	\$ -	
Total CEC Reimbursable Funds Spent in California or Paid to California-Based Entities (If applicable)				
Percentage of CEC Reimbursable Funds Spent in California or Paid to California-Based Entitles				

Resumes 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 555-555-555

Effective at using forkilit'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:	Project Manager:
(TBD by Commission) California Energy Commission 715 P Street, MS-6 Sacramento, CA 95814 Phone: (916) XXX-XXXX e-mail:	Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:
Commission Agreement Officer:	Administrator:
California Energy Commission Contracts, Grants, and Loans Office 715 P Street Sacramento, CA 95814 Phone: (916) XXX-XXXX	Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:
Accounting Officer:	Accounting Officer:
California Energy Commission Accounting Office 715 P Street Sacramento, CA 95814 e-mail: invoices@energy.ca.gov	Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:
Legal Notices:	Recipient 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	Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:

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California's National Electric Vehicle Infrastructure Formula Program



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
 - Site hosts
 - Equipment manufacturers
- 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

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 in direct 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. 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.

 What are the physical aspects of the project? (Check all that apply and provide brief description of work, including any size or dimensions of the project).

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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).



Past Performance Reference Form (Attachment 9)

- Applicants must complete Attachment 9 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
- Applicants should fill out a separate Past Performance Reference Form for each agreement reference

Attachment 09 GFO-23-601 PAST PERFORMANCE REFERENCE FORM

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

In response to Section III.D.2.d, 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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Operations and Maintenance Plan



- 10 pages or less
- Not included within the Narrative
- 30 points
- At least 5 years of operations
- Greater than 97% uptime
- Responsible parties
- Customer service



Source: https://chargedevs.com/newswire/fleets/sae-international-launches-certification-for-ev-charger-repair-technicians/



Preliminary Signage Plan



- 4 pages or less, not included within the Narrative
- Charging Station Design evaluation (50 pts)
- Trailblazer signage locations
- Appropriate jurisdictions and/or agencies
- On-site signage
- Pricing





Utility Verification Form (Attachment 10)

- Project Readiness evaluation (40 pts)
- One for each charging station
- Estimate for level of effort
- Contact the utilities early



Attachment 10 Utility Verification Form

Read Before Completing: This form is to be used to inform the level of grid readiness for a proposed EV charging project site. Information provided on this form is not meant to provide detailed cost or time estimates for completing a proposed project but rather a high-level indication of readiness at the time the form is completed. The CEC acknowledges that filling out this form does not secure a capacity reservation, and the information provided may change between the time of submission and the potential start of construction for the proposed project. The CEC further acknowledges that the grid capacity information accounts solely for this applicant's proposed project and does not account for any other projects that may impact the capacity reflected in the most recently published and publicly available information (Note: not all utilities publish public capacity information). The information provided by the utility does not reflect a full assessment of the site and there may be further limitations identified during design or construction of the project. The utility is not responsible for the grid information provided in this form.

Form Instructions: Utilities may require days or weeks to complete this form. Applicants should contact each utility company associated with the project as soon as possible to understand their timelines required to complete this verification form. Applicants must fill out one form for each proposed charging station site. Applicants must complete Tables 1 and 2. Once completed, the applicant must contact the utility company(ies) associated with each proposed charging station site, provide them with the form(s), and request they complete Table 3. Please provide a separate form for each site associated with your project. It is important to remain in contact with the responsible utility(ies) as your project progresses and to immediately notify the utility(ies) upon project award to ensure timely utility engagement to meet project requirements.

1 – Applicant Information (to be completed by the Applicant)		
Company Name		
Office Address		
Contact Name		
Contact Phone		
Contact Email		

2 – Site Details (To be completed by the Applicant)			
Address			
Proposed Energization Date			
Number of Charging Ports			
Number of Charging Cabinets and Associated Power Levels			
Requested 3-Phase Service Voltage (V)			
Service Switchboard Size (A)			
Requested Service Requirements			

Attachment 10

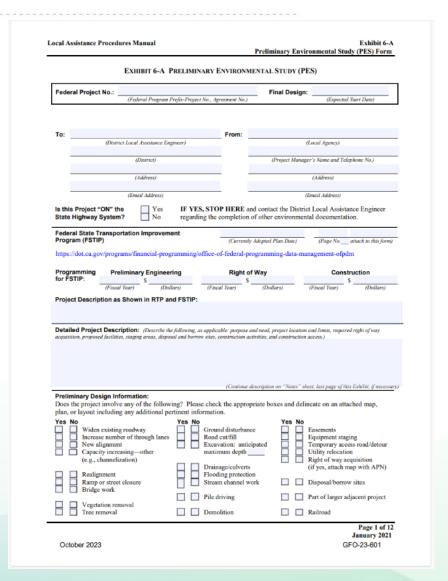
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NEPA Preliminary Environmental Study (PES) Form (Attachment 11)

- Project Readiness within the Narrative
- As much detail as possible
 - Must complete:
 - Project Title
 - Check appropriate boxes under Preliminary Design Information
 - Check appropriate boxes for Parts A F
- Awardees will need to complete the full form and submission process during the executed agreement term





Application Evaluation

California's NEVI Formula Program, Solicitation #1



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 applicant submitted a Project Narrative	Pass or Fail
3. The project is an eligible project	Pass or Fail
4. The applicant submitted a Budget	Pass or Fail
5. The applicant submitted a Scope of Work	Pass or Fail
6. The applicant submitted an Operations and Maintenance Plan	Pass or Fail
7. The project meets the minimum match share requirements	Pass or Fail
8. 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 Evaluation and Scoring

- The Evaluation Committee applies the scoring scale to the evaluation criteria.
- Applications must obtain a minimum passing score of 70% or 140 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 (cont.)

Scoring Criteria	Possible Points
1. Charging Station Design	50
2. Project Readiness	40
3. Operations and Maintenance	30
4. Team Experience and Qualifications	20
5. Expected Project Benefits	10
6. Innovation and Sustainability	10
7. Project Budget and Finances	20
8. Cost	20
Total Possible Points	200
Minimum Points to Pass (70%)	140



Evaluation Explanations

% of Possible Points	Interpretation	Explanation for Percentage Points				
0%	Not Responsive	Response does not include or fails to address the requirements being scored. The omission(s), flaw(s), or defect(s) are significant and unacceptable.	85% Between Good and Excellent	85%	Response fully addresses the requirements being scored with a better than good degree of confidence in the Applicant's response or proposed solution. No identified omission(s),	
10-30%	Minimally Responsive	Response minimally addresses the requirements being scored. The omission(s), flaw(s), or defect(s) are significant and unacceptable.		flaw(s), or defect(s). Any identified weaknesses are minimal, inconsequential, and acceptable.		
40-60%	Inadequate	Response addresses the requirements being scored, but there are one or more omissions, flaws, or defects or the requirements are addressed in such a limited way that it results in a low degree of confidence in the proposed solution.	90%	Excellent	Response fully addresses the requirements being scored with a high degree of confidence in the Applicant's response or proposed solution. Applicant offers one or more enhancing features, methods or approaches exceeding basic expectations.	
70%	Adequate	Response adequately addresses the requirements being scored. Any omission(s), flaw(s), or defect(s) are inconsequential and acceptable.	95%	Between Excellent and	Response fully addresses the requirements being scored with a better than excellent degree of confidence in the Applicant's response or proposed solution. Applicant offers	
75%	Between Adequate and Good	Response better than adequately addresses the requirements being scored. Any omission(s), flaw(s), or defect(s) are inconsequential and acceptable.		Exceptional	Exceptional	one or more enhancing features, methods or approaches exceeding basic expectations.
80%	Good	Response fully addresses the requirements being scored with a good degree of confidence in the Applicant's response or proposed solution. No identified omission(s), flaw(s), or defect(s). Any identified weaknesses are minimal, inconsequential, and acceptable.	100%	Exceptional	All requirements are addressed with the highest degree of confidence in the Applicant's response or proposed solution. The response exceeds the requirements in providing multiple enhancing features, a creative approach, or an exceptional solution.	



Narrative Questions by Evaluation Criterion

Evaluation Criterion	Number of Narrative Questions
Charging Station Design (50 pts)	12
Project Readiness (40 pts)	9
Operations and Maintenance (30 pts)	2 (Operations and Maintenance Plan)
Team Experience and Qualifications (20 pts)	9
Expected Project Benefits (10 pts)	6
Innovation and Sustainability (10 pts)	5
Project Budget and Finances (20 pts)	9



Terms and Conditions

California's NEVI Formula Program, Solicitation #1



Terms and Conditions (cont.)

- Terms and Conditions (Attachment 7)
 - 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 <u>ECAMS Resources webpage</u> at https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources
- Special Terms and Conditions for Federal Compliance (Attachment 8)
- Both Terms and Conditions can be found on the <u>GFO-23-601 Webpage</u> at: https://www.energy.ca.gov/solicitations/2023-10/gfo-23-601-californias-national-electric-vehicle-infrastructure-formula



Application Submittal

California's NEVI Formula Program, Solicitation #1

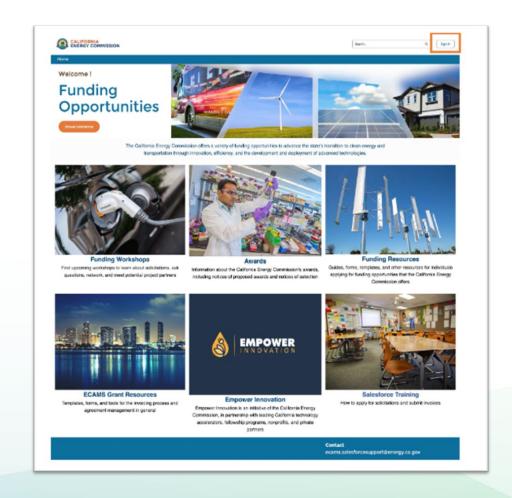


GFO Submission Requirements

 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 <u>User Registration</u> <u>Instructions</u>
- Note: One account manager per organization, but users can be added by account manager





GFO Submission Requirements, Cont.

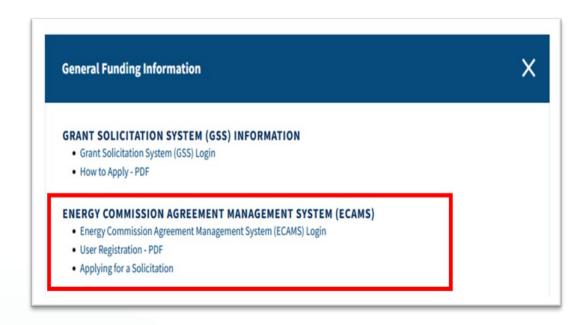
- Electronic files, excluding those that require signatures, must be in the same format as provided in the solicitation
- Application documents should meet formatting requirements and page recommendations provided in the solicitation manual
- Attachments requiring signatures (Support/Commitment Letters) 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 <u>Applying for a</u> <u>Solicitation</u> guidance document
- Guidance documents are available at https://www.energy.ca.gov/fundingg-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 26, 2024.

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



Activity	Action Date
Solicitation Release	October 26, 2023
Pre-Application Workshop	November 9, 2023
Deadline for Written Questions by 5:00 p.m.	November 22, 2023
Anticipated Distribution of Question/Answers	Week of Dec. 18, 2023
Deadline to Submit Applications by 11:59 p.m.	January 26, 2024
Anticipated Notice of Proposed Awards Posting	Week of April 22, 2024
Anticipated Energy Commission Business Meeting	July 2024



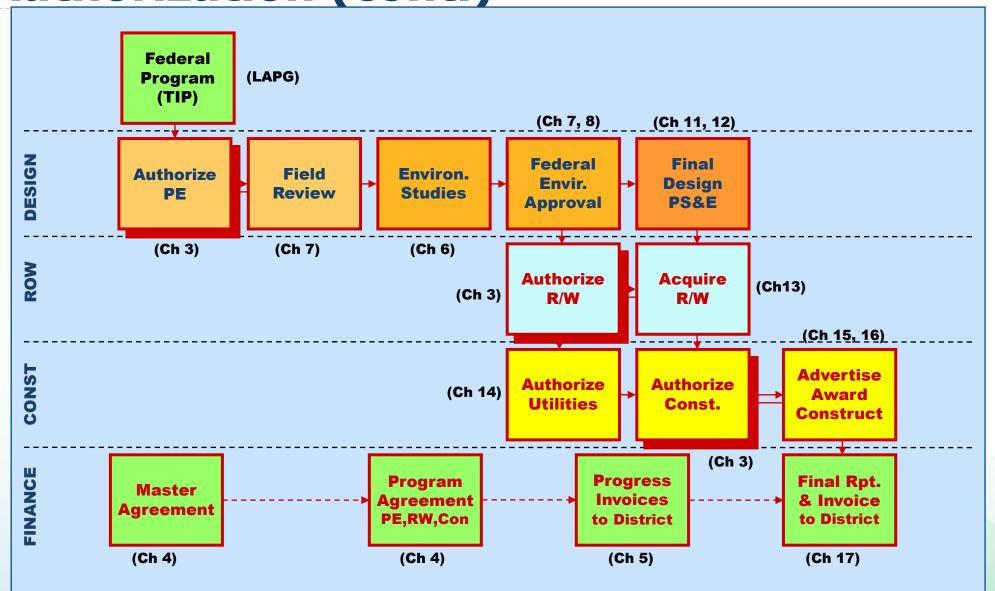
Federal Procedures

California's NEVI Formula Program, Solicitation #1

Federal Procedures — Programming/E-76 Authorization

- All projects must be programmed into Federal Transportation Improvement Program (FTIP) prior to authorization of funds.
- The Federal Highway Administration (FHWA) has the authority and responsibility for implementing and monitoring federal laws, regulations, and executive orders affecting federal transportation programs.
- When a project involves federal funding, FHWA is involved according to these responsibilities and delegates to Caltrans accordingly per the FHWA/Caltrans Stewardship and Oversight Agreement.
- Prior to beginning highway work for which federal reimbursement will be requested, the project must be formally authorized by FHWA.

Federal Procedures — Programming/E-76 Authorization (cont.)



Federal Procedures – Caltrans Environmental Process

- Submit the Preliminary Environmental Study (PES) Form
- Caltrans reviews PES and determines necessary studies
- Caltrans approves NEPA clearance (if Categorical Exclusion)
- Each project must receive environmental clearance prior to start of final design and right of way activities.
- All Projects must follow the NEPA requirements or jeopardize funding.
- The NEPA process is guided by the Act and its implementing regulations, 23 CFR Part 771. (LAPM, Ch. 6)

Federal Procedures – Right of Way

- Projects must comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as amended in 1987 (the Uniform Act).
- The R/W Certification is necessary prior to authorization for construction and must be consistent with the project's approved PS&E (23 CFR 635.309).
- All Projects must follow the right of way requirements or jeopardize funding.

Federal Procedures – Timelines

Authorization

• 4 - 6 weeks

Environmental Review

• 4 - 6 weeks

Right of Way Review

• 2 - 4 weeks





Activity	Action Date
Deadline for Written Questions by 5:00 p.m.	November 22, 2023
Anticipated Distribution of Questions/Answers	Week of December 18, 2023
Deadline to Submit Applications by 11:59 p.m.	January 26, 2024
Anticipated Notice of Proposed Awards Posting	Week of April 22, 2024

Updates to solicitation documents will be posted on the <u>GFO-23-601 Webpage</u>: https://www.energy.ca.gov/solicitations/2023-10/gfo-23-601-californias-national-electric-vehicle-infrastructure-formula



Questions and Answers

Three ways to ask questions:

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

1. Use the raise hand function in Zoom

Zoom Phone Controls:

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

2. Type questions in the Zoom Q&A Box

3. Submit written questions

Send written questions to enrico.palo@energy.ca.gov
Deadline: November 22, 2023, 5:00 p.m. PST

Note that an official CEC response will be provided in writing and posted on the GFO webpage in December 2023.



Written Questions

Please send all questions related to GFO-23-601 to:

Enrico Palo

Commission Agreement Officer 715 P Street, MS-1 Sacramento, CA 95814 (916) 957-7856

Enrico.palo@energy.ca.gov

(Please add subject line: GFO-23-601)

Deadline to submit questions: November 22, 2023, 5:00 p.m. PST

Deadline to submit applications: January 26, 2024, 11:59 p.m. PST



Thank You!

Applications are due January 26, 2024, by 11:59 p.m.