



STATE OF CALIFORNIA

GRANT AMENDMENT REQUEST FORM (GARF)

CEC-277 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

Original Agreement # ARV-20-010 Amendment # 01

Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Kyle Corrigan	6	916-776-7195

Recipient's Legal Name	Federal ID #
Kern Council of Governments (COG)	90-0419326

Revisions: (check all that apply)	Additional Requirements
<input checked="" type="checkbox"/> Term Extension New End Date: 12 / 31 / 2024	Include revised schedule and complete items A, B, C, & F below.
<input checked="" type="checkbox"/> Budget Augmentation Amendment Amount: \$ 1,792,485	Include revised budget and complete items A, B, C, D, & F below.
<input type="checkbox"/> Budget Reallocation	Include revised budget and complete items A, B, C, & F below.
<input checked="" type="checkbox"/> Scope of Work Revision	Include revised scope of work and complete items A, B, C, E, & F below.
<input type="checkbox"/> Change in Project Location or Demonstration Site	Include revised scope of work and complete items A, B, C, E, & F below.
<input type="checkbox"/> Novation/Name Change of Prime Recipient	Include novation documentation and complete items A, B, C, & F below.
<input type="checkbox"/> Terms and Conditions Modification	Include applicable exhibits with bold/underline/ strikeout and complete items A, B, C, & F below.

A) Business Meeting Information**Business Meeting approval is not required for the following types of Agreements:**☐ Minor amendments delegated to Executive Director per December 2013 ResolutionProposed Business Meeting Date 01 / 26 / 2022 ☐ Consent ☒ Discussion

Business Meeting Presenter Kyle Corrigan Time Needed: 10 minutes

Please select one list serve. Altfuels (AB118- ARFVTP)

Agenda Item Subject and Description:

Kern Council of Governments (Kern COG). Proposed resolution approving Amendment 1 to Agreement ARV-20-010 with the Kern COG to increase the funding to the full amount Kern COG proposed under GFO-19-603 EV Ready Communities Phase II. This amendment increases the number of charger installations and includes EV transport services that will benefit disadvantaged and low-income communities.

B) List all subcontractors (major and minor) and equipment vendors: (attach additional sheets as necessary)



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Legal Company Name:	Budget
City of Arvin	\$ 99,000.00
City of Delano	\$ 99,000.00
City of McFarland	\$ 99,000.00

C) List all key partners: (attach additional sheets as necessary)

Legal Company Name:

D) Budget Information (only include amendment amount information)

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ARFVTP	18-19	601.008k	\$707,515
ARFVTP	20-21	601.118M	1,792,485
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: Select Program Area TOTAL: \$2,500,000

Explanation for "Other" selection

Federal Agreement #:

E) California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?

☒ Yes (skip to question 2) ☐ No (complete the following (PRC 21065 and 14 CCR 15378)):

Explain why Agreement is not considered a "Project":

Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .

2. If Agreement is considered a "Project" under CEQA:

a) ☐ Agreement **IS** exempt.☐ Statutory Exemption. List PRC and/or CCR section number:☒ Categorical Exemption. List CCR section number: 14 CCR 15301, 14 CCR 15303, 14 CCR 15304☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why Agreement is exempt under the above section:

Cal. Code Regs., tit. 14, sec. 15301 provides that projects which consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, and which involve negligible or no expansion of use beyond that existing at the time of the lead agency's determination, are categorically exempt from the provisions of the California Environmental Quality Act. This project involves installation of electric vehicle charging stations, including at an existing parking facility. The electric vehicle charging station will be

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installed on an existing paved parking lot, connect to existing electrical panels, and will involve negligible or no expansion of use.

Therefore, the project falls within section 15301 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sec. 15303 provides that projects which consist of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure, are categorically exempt from the provisions of CEQA. This project consists of installation of new small equipment to an existing site. Specifically, the fast charging equipment to be installed is approximately the size of a pay phone and the level two charging equipment is the size of a parking meter. The equipment will be installed in an existing, paved parking lot. Therefore, the project falls within section 15303 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sect. 15304 provides that projects which consist of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry and agricultural purposes are categorically exempt from the provisions of CEQA. In this

project, minor trenching may be necessary to lay two-inch conduit from the existing electrical panel to the charging equipment, totaling approximately 2 cubic feet per foot of distance from the electrical panel, to connect the proposed new electric vehicle charging station equipment to an existing electrical supply panel. The trenching will take place on currently paved ground, will not involve the removal of any trees, and surface will be restored. Therefore, the project falls within section 15304 and will not have a significant effect on the environment.

- b) ☐ Agreement **IS NOT** exempt. (consult with the legal office to determine next steps)

Check all that apply

- ☐ Initial Study
☐ Negative Declaration
☐ Mitigated Negative Declaration
☐ Environmental Impact Report
☐ Statement of Overriding Considerations

F) The following items should be attached to this GARF (as applicable)

- | | | |
|-----------------------------|---|--|
| 1. Exhibit A, Scope of Work | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 2. Exhibit B, Budget Detail | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 3. CEQA Documentation | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 4. Novation Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |



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CALIFORNIA ENERGY COMMISSION

5. CEC 105, Questionnaire for Identifying Conflicts

☒ Attached

<hr/> Agreement Manager	<hr/> Date
<hr/> Office Manager	<hr/> Date
<hr/> Deputy Director	<hr/> Date

CEC-277 Additional Subcontractors and Equipment Vendors

B cont.)	
Legal Company Name:	Budget:
City of Shafter	\$45,000
City of Wasco	\$99,000
Maricopa	\$99,000
TBD	\$162,108
California City	\$99,000
Frito Lay North America	\$157,500
Bakersfield College	\$24,201
TBD Consultant – Program Management and Outreach	\$507,000
MioCar	\$297,335

Exhibit A SCOPE OF WORK

TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2	X	Electric Vehicle Charging Station Installation
3		Workforce Development <u>and Support</u>
4		Outreach
5		E-Bike Pilot
<u>6</u>		<u>Miocar Electric Carshare Program</u>
<u>7</u>		<u>Data Collection and Analysis</u>

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Linda Urata	TBD by RFP	
2	Linda Urata	Christine Viterelli, Maribel Reyna, Maria Lara, Michael James, Daniel Ortiz-Hernandez, Andrew Haney, <u>Creighton Randall , Frito-Lay NA or other commercial company, Stuart Petroleum or other retail company, public charging sites TBD</u>	
3	Linda Urata	Andrew Haney	
4	Susanne Campbell, <u>Bob Snoddy</u>	<u>Creighton Randall, Rachel Heckl, Gloria Huerta</u>	Sigala Inc., UC Davis
5	Linda Urata, Susanne Campbell	TBD	
<u>6</u>	<u>Linda Urata</u>	<u>Miocar</u>	
<u>7</u>	<u>Linda Urata</u>	<u>TBD</u>	

GLOSSARY

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

Term/ Acronym	Definition
CAM	Commission Agreement Manager
CEC	California Energy Commission
<u>CTP</u>	<u>Clean Transportation Program</u>
CPR	Critical Project Review
EV	Electric Vehicle. A broad category that includes all vehicles that are fully powered by electricity or an electric motor.
EVITP	Electric Vehicle Infrastructure Training Program
EVSE	Electric Vehicle Supply Equipment. Infrastructure designed to supply power to EVs. EVSE can charge a wide variety of EVs including BEVs and PHEVs.
FTD	Fuels and Transportation Division
Kern COG	Kern Council of Governments
Recipient	An applicant awarded a grant under a California Energy Commission solicitation

Background

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Clean Transportation Program, formerly known as the Alternative and Renewable Fuel and Vehicle Technology Program. The statute authorizes the California Energy Commission (CEC) to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change, clean air, and alternative energy policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the Clean Transportation Program through January 1, 2024. The Clean Transportation Program has an annual budget of approximately \$100 million and provides financial support for projects that:

- Reduce California's use and dependence on petroleum transportation fuels and increase the use of alternative and renewable fuels and advanced vehicle technologies.
- Produce sustainable alternative and renewable low-carbon fuels in California.
- Expand alternative fueling infrastructure and fueling stations.
- Improve the efficiency, performance and market viability of alternative light-, medium-, and heavy-duty vehicle technologies.
- Retrofit medium- and heavy-duty on-road and non-road vehicle fleets to alternative technologies or fuel use.
- Expand the alternative fueling infrastructure available to existing fleets, public transit, and transportation corridors.

- Establish workforce training programs and conduct public outreach on the benefits of alternative transportation fuels and vehicle technologies.

On August 12, 2020, the CEC released a Grant Solicitation and Application Package entitled “Electric Vehicle Ready Communities Phase II- Blueprint Implementation” under the Clean Transportation Program. This competitive grant solicitation was for Phase II of a two-phase effort to implement projects developed and identified in Phase I, Blueprint Development, of the Electric Vehicle Ready Communities Challenge. In response to GFO-19-603, the Recipient submitted application #7 which was proposed for funding in the CEC’s Notice of Proposed Awards on January 8, 2021, **and the Revised Notice of Proposed Awards on September 13, 2021.** GFO-19-603 and Recipient’s application are hereby incorporated by reference into this Agreement in their entirety.

In the event of any conflict or inconsistency between the terms of the Solicitation and the terms of the Recipient’s Application, the Solicitation shall control. In the event of any conflict or inconsistency between the Recipient’s Application and the terms of Commission’s Award, the Commission’s Award shall control. Similarly, in the event of any conflict or inconsistency between the terms of this Agreement and the Recipient’s Application, the terms of this Agreement shall control.

Problem Statement:

Kern County is challenged by poor air quality and barriers to the deployment of emission reduction transportation technologies. According to CalEnviroScreen 3.0, 81-90% of the County qualify as Disadvantaged Communities (DACs). DACs generally lack private investment and the capacity to develop, fund, and manage clean transportation projects on their own.

The Kern Electric Vehicle Charging Station Blueprint (Blueprint) was created to address barriers to the installation of electric vehicle (EV) charging stations in Kern County. This Blueprint Implementation project will address principal barriers identified in the Blueprint plan.

Transportation solutions to improve air quality will vary with local transportation requirements. Many of the community dial-a-ride, transit agencies, and school districts provide transportation options that demonstrate a need for what is known as last-mile transit. Kern Council of Governments and other San Joaquin Valley Regional Planning Agencies funded a study conducted by the UC Davis Institute of Transportation Studies on rural last-mile transit. This study led to the development of MioCar. MioCar is a member-based electric carshare program and provides transportation options for people living in and near low-income housing in the Kern County communities of Wasco and Arvin/Lamont. Effective transportation solutions require programs such as MioCar to expand to new disadvantaged communities.

Workforce development offers opportunities to individuals interested in the energy or transportation fields. The transition to zero emission fuels will require individuals trained to work on cars, design and install stations, provide maintenance to cars and stations, operating vehicles takes some training and then there is always planning for the future, and autonomous vehicles.

Kern County partners require support in their areas of expertise and their efforts to serve the communities. This project will provide ~~the~~ funding needed to support these efforts for zero emission ~~transport~~ **transportation** to serve local communities.

Goals of the Agreement:

The goal of this Agreement is to advance electrified transportation in and between Kern County communities in ways that provide convenient, safe, and clean transportation for a broad spectrum of residents.

Objectives of the Agreement:

The objectives of this Agreement are for Kern COG to administer an effective and timely program to install electric vehicle charging equipment, **to expand MioCar electric carsharing to new communities**, and allow Bakersfield College to expand their curriculum and install equipment for hands-on training. The **public and private site hosts and** communities will have an impact on EV **adoption beyond their immediate locations** and support electrified transportation options, ~~and~~ Bakersfield College will be established as a leader in training the technicians of today for both the technology of today and the future.

TASK 1 ADMINISTRATION

Task 1.1 Attend Kick-off Meeting

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement. The CAM shall designate the date and location of this meeting and provide an agenda to the Recipient prior to the meeting.

The Recipient shall:

- Attend a “Kick-Off” meeting with the Commission Agreement Manager, the Grants Officer, and a representative of the Accounting Office. The Recipient shall bring its Project Manager, Agreement Administrator, Accounting Officer, and others designated by the Commission Agreement Manager to this meeting.
- Discuss the following administrative and technical aspects of this Agreement:
 - Agreement Terms and Conditions
 - Critical Project Review (Task 1.2)
 - Match fund documentation (Task 1.6) No reimbursable work may be done until this documentation is in place.
 - Permit documentation (Task 1.7)

- Subcontracts needed to carry out project (Task 1.8)
- The CAM's expectations for accomplishing tasks described in the Scope of Work
- An updated Schedule of Products and Due Dates
- Monthly Progress Reports (Task 1.4)
- Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
- Final Report (Task 1.5)

Recipient Products:

- Updated Schedule of Products
- Updated List of Match Funds
- Updated List of Permits

Commission Agreement Manager Product:

- Kick-Off Meeting Agenda

Task 1.2 Critical Project Review (CPR) Meetings

CPRs provide the opportunity for frank discussions between the CEC and the Recipient. The goal of this task is to determine if the project should continue to receive CEC funding to complete this Agreement and to identify any needed modifications to the tasks, products, schedule or budget.

The Commission Agreement Manager may schedule CPR meetings as necessary, and meeting costs will be borne by the Recipient.

Meeting participants include the CAM and the Recipient and may include the Commission Grants Officer, the Fuels and Transportation Division (FTD) program lead, other CEC staff and Management as well as other individuals selected by the CAM to provide support to the CEC.

The CAM shall:

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the CEC, but they may take place at another location or remotely.
- Send the Recipient the agenda and a list of expected participants in advance of each CPR. If applicable, the agenda shall include a discussion on both match funding and permits.
- Conduct and make a record of each CPR meeting. Prepare a schedule for providing the written determination described below.

- Determine whether to continue the project, and if continuing, whether or not modifications are needed to the tasks, schedule, products, and/or budget for the remainder of the Agreement. Modifications to the Agreement may require a formal amendment (please see section 8 of the Terms and Conditions). If the CAM concludes that satisfactory progress is not being made, this conclusion will be referred to the Lead Commissioner for Transportation for his or her concurrence.
- Provide the Recipient with a written determination in accordance with the schedule. The written response may include a requirement for the Recipient to revise one or more product(s) that were included in the CPR.

The Recipient shall:

- Prepare a CPR Report for each CPR that discusses the progress of the Agreement toward achieving its goals and objectives. This report shall include recommendations and conclusions regarding continued work of the projects. This report shall be submitted along with any other products identified in this scope of work. The Recipient shall submit these documents to the CAM and any other designated reviewers at least 15 working days in advance of each CPR meeting.
- Present the required information at each CPR meeting and participate in a discussion about the Agreement.

CAM Products:

- Agenda and a list of expected participants
- Schedule for written determination
- Written determination

Recipient Product:

- CPR Report(s)

Task 1.3 Final Meeting

The goal of this task is to closeout this Agreement.

The Recipient shall:

- Meet with CEC staff to present the findings, conclusions, and recommendations. The final meeting must be completed during the closeout of this Agreement.

This meeting will be attended by, at a minimum, the Recipient, the Commission Grants Office Officer, and the Commission Agreement Manager. The technical and administrative aspects of Agreement closeout will be discussed at the meeting, which may be two separate meetings at the discretion of the Commission Agreement Manager.

The technical portion of the meeting shall present an assessment of the degree to which project and task goals and objectives were achieved, findings, conclusions, recommended next steps (if any) for the Agreement, and recommendations for improvements. The Commission Agreement Manager will determine the appropriate meeting participants.

The administrative portion of the meeting shall be a discussion with the Commission Agreement Manager and the Grants Officer about the following Agreement closeout items:

- What to do with any equipment purchased with CEC funds (Options)
- CEC's request for specific "generated" data (not already provided in Agreement products)
- Need to document Recipient's disclosure of "subject inventions" developed under the Agreement
- "Surviving" Agreement provisions
- Final invoicing and release of retention
- Prepare a schedule for completing the closeout activities for this Agreement.

Products:

- Written documentation of meeting agreements
- Schedule for completing closeout activities

Task 1.4 Monthly Progress Reports

The goal of this task is to periodically verify that satisfactory and continued progress is made towards achieving the objectives of this Agreement on time and within budget.

The objectives of this task are to summarize activities performed during the reporting period, to identify activities planned for the next reporting period, to identify issues that may affect performance and expenditures, and to form the basis for determining whether invoices are consistent with work performed.

The Recipient shall:

- Prepare a Monthly Progress Report which summarizes all Agreement activities conducted by the Recipient for the reporting period, including an assessment of the ability to complete the Agreement within the current budget and any anticipated cost overruns. Each progress report is due to the Commission Agreement Manager within 10 days of the end of the reporting period. The recommended specifications for each progress report are contained in Section 6 of the Terms and Conditions of this Agreement.

- In the first Monthly Progress Report and first invoice, document and verify match expenditures and provide a synopsis of project progress, if match funds have been expended or if work funded with match share has occurred after the notice of proposed award but before execution of the grant agreement. If no match funds have been expended or if no work funded with match share has occurred before execution, then state this in the report. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.

Product:

- Monthly Progress Reports

Task 1.5 Final Report

The goal of the Final Report is to assess the project's success in achieving the Agreement's goals and objectives, advancing science and technology, and providing energy-related and other benefits to California.

The objectives of the Final Report are to clearly and completely describe the project's purpose, approach, activities performed, results, and advancements in science and technology; to present a public assessment of the success of the project as measured by the degree to which goals and objectives were achieved; to make insightful observations based on results obtained; to draw conclusions; and to make recommendations for further projects and improvements to the FTD project management processes.

The Final Report shall be a public document. If the Recipient has obtained confidential status from the CEC and will be preparing a confidential version of the Final Report as well, the Recipient shall perform the following activities for both the public and confidential versions of the Final Report.

The Recipient shall:

- Prepare an Outline of the Final Report, if requested by the CAM.
- Prepare a Final Report following the latest version of the Final Report guidelines which will be provided by the CAM. The CAM shall provide written comments on the Draft Final Report within fifteen (15) working days of receipt. The Final Report must be completed at least 60 days before the end of the Agreement Term.
- Submit one bound copy of the Final Report with the final invoice.

Products:

- Outline of the Final Report, if requested
- Draft Final Report
- Final Report

Task 1.6 Identify and Obtain Matching Funds

The goal of this task is to ensure that the match funds planned for this Agreement are obtained for and applied to this Agreement during the term of this Agreement.

The costs to obtain and document match fund commitments are not reimbursable through this Agreement. Although the CEC budget for this task will be zero dollars, the Recipient may utilize match funds for this task. Match funds shall be spent concurrently or in advance of CEC funds for each task during the term of this Agreement. Match funds must be identified in writing and the associated commitments obtained before the Recipient can incur any costs for which the Recipient will request reimbursement.

The Recipient shall:

- Prepare a letter documenting the match funding committed to this Agreement and submit it to the Commission Agreement Manager at least 2 working days prior to the kick-off meeting. If no match funds were part of the proposal that led to the CEC awarding this Agreement and none have been identified at the time this Agreement starts, then state such in the letter. If match funds were a part of the proposal that led to the CEC awarding this Agreement, then provide in the letter a list of the match funds that identifies the:
 - Amount of each cash match fund, its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied.
 - Amount of each in-kind contribution, a description, documented market or book value, and its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Recipient shall identify its owner and provide a contact name, address and telephone number, and the address where the property is located.
- Provide a copy of the letter of commitment from an authorized representative of each source of cash match funding or in-kind contributions that these funds or contributions have been secured. For match funds provided by a grant a copy of the executed grant shall be submitted in place of a letter of commitment.
- Discuss match funds and the implications to the Agreement if they are reduced or not obtained as committed, at the kick-off meeting. If applicable, match funds will be included as a line item in the progress reports and will be a topic at CPR meetings.
- Provide the appropriate information to the Commission Agreement Manager if during the course of the Agreement additional match funds are received.

- Notify the Commission Agreement Manager within 10 days if during the course of the Agreement existing match funds are reduced. Reduction in match funds must be approved through a formal amendment to the Agreement and may trigger an additional CPR meeting.

Products:

- A letter regarding match funds or stating that no match funds are provided
- Copy(ies) of each match fund commitment letter(s) (if applicable)
- Letter(s) for new match funds (if applicable)
- Letter that match funds were reduced (if applicable)

Task 1.7 Identify and Obtain Required Permits

The goal of this task is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track.

Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement. Although the CEC budget for this task will be zero dollars, the Recipient shall budget match funds for any expected expenditures associated with obtaining permits. Permits must be identified in writing and obtained before the Recipient can make any expenditure for which a permit is required.

The Recipient shall:

- Prepare a letter documenting the permits required to conduct this Agreement and submit it to the Commission Agreement Manager at least 2 working days prior to the kick-off meeting. If there are no permits required at the start of this Agreement, then state such in the letter. If it is known at the beginning of the Agreement that permits will be required during the course of the Agreement, provide in the letter:
 - A list of the permits that identifies the:
 - Type of permit
 - Name, address and telephone number of the permitting jurisdictions or lead agencies
 - The schedule the Recipient will follow in applying for and obtaining these permits.
- Discuss the list of permits and the schedule for obtaining them at the kick-off meeting and develop a timetable for submitting the updated list, schedule and the copies of the permits. The implications to the Agreement if the permits are not obtained in a timely fashion or are denied will also be discussed. If applicable, permits will be included as a line item in the Progress Reports and will be a topic at CPR meetings.

- If during the course of the Agreement additional permits become necessary, provide the appropriate information on each permit and an updated schedule to the Commission Agreement Manager.
- As permits are obtained, send a copy of each approved permit to the Commission Agreement Manager.
- If during the course of the Agreement permits are not obtained on time or are denied, notify the Commission Agreement Manager within 5 working days. Either of these events may trigger an additional CPR.

Products:

- Letter documenting the permits or stating that no permits are required
- A copy of each approved permit (if applicable)
- Updated list of permits as they change during the term of the Agreement (if applicable)
- Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)
- A copy of each final approved permit (if applicable)

Task 1.8 Obtain and Execute Subcontracts

The goal of this task is to ensure quality products and to procure subcontractors required to carry out the tasks under this Agreement consistent with the Agreement Terms and Conditions and the Recipient's own procurement policies and procedures. It will also provide the CEC an opportunity to review the subcontracts to ensure that the tasks are consistent with this Agreement, and that the budgeted expenditures are reasonable and consistent with applicable cost principles.

The Recipient shall:

- Manage and coordinate subcontractor activities.
- Submit a draft of each subcontract required to conduct the work under this Agreement to the Commission Agreement Manager for review.
- Submit a final copy of the executed subcontract.
- If Recipient decides to add new subcontractors, then the Recipient shall notify the CAM.

Products:

- Draft subcontracts
- Final subcontracts

TECHNICAL TASKS

TASK 2 Electric Vehicle Charging Station Installation

The goal of this task is to install a minimum of ~~seventeen~~ thirty-two Level 2 and ~~four~~ Direct Current fast charging EV chargers at a minimum of ~~six~~ ten sites.

The Recipient shall:

- Procure, install, and operate a minimum of ~~seventeen~~ thirty-two Level 2 and ~~four~~ Direct Current fast charging electric vehicle chargers at a minimum of ~~six~~ ten sites.
- Coordinate with site hosts throughout the process from design through launch.
- Deliver site maps and design project details, including complete schematics on the EV charging station site and electrical design.
- Obtain any required permits and comply with all applicable federal, state and municipal laws, rules, codes, and regulations.
- Ensure charger installation is performed and overseen by a qualified and licensed contractor in accordance with all local, state, and federal codes as well as permitting and inspection requirements.
- Submit an AB 841 Certification that certifies the project has complied with all AB 841 (2020) requirements specified in Exhibit C or describes why the AB 841 requirements do not apply to the project. The certification shall be signed by Recipient's authorized representative.
- Submit Electric Vehicle Infrastructure Training Program (EVITP) Certification Numbers of each Electric Vehicle Infrastructure Training Program certified electrician that installed electric vehicle charging infrastructure or equipment. EVITP Certification Numbers are not required to be submitted if AB 841 requirements do not apply to the project.
- Ensure the chargers shall remain in service at the project sites for at least 5 years after installation. Maintain a network service agreement for the chargers.
- Coordinate the placement of directional and/or on-site signage to the stations.
- List the station on the US Department of Energy Alternative Fuel Data Center Station Locator, www.afdc.energy.gov (including mobile apps for Apple and Android devices). Make chargers and sites available for follow-up inspection if requested by the CEC.
- Conduct four outreach activities, including media releases and events.
 - Provide outreach information in Spanish and English.
- Deliver proof of operational charging equipment and installed signage including photos of each site.
- Write and submit semi-annual Electric Vehicle Supply Equipment (EVSE) usage report.

Products:

- Site maps and design information for charging stations for **six ten** host **cities sites**
- Proof of operational charging equipment and installed signage, including, but not limited to:
 - Photos of each site
 - Proof of charger availability via the Alternative Fuels Data Center Station Locator tool
- AB 841 Certification and EVITP Certification Numbers
- Outreach materials, photos, presentations, agendas, minutes
- Semi-annual EVSE usage report

[CPR WILL BE HELD IN THIS TASK. See Task 1.2 for details]

TASK 3 ~~Infrastructure to Support Workforce Development and Support~~

The goals of this task ~~is~~ **are** to **collaborate with other public and private agency programs to increase access and opportunities for career education, and** support EV and EV infrastructure technician and driver training programs at Bakersfield College by installing ~~one~~ BEAM EV ARCs, **an EVEN off grid mobile charger,** and ~~two~~ Level 2 chargers **in various configurations at a minimum of three sites** to support ~~will~~ training for careers in transit, school transportation, EVI installation, EV technician, and EV station maintenance and repair.

The Recipient shall:

- Procure and install **two** BEAM EV ARC **configured to provide at least one DC fast charger** and ~~two~~ **three** Level 2 chargers, **an EVEN off grid mobile charger, and up to 8 Level 2 chargers.** **The installations will be at a minimum of three sites (including two off campus automotive training sites).** **Submit photos of completed installation to the CAM.**
- **Write and submit a summary report to the CAM that may be used to track enrollment success, such as ability of course offerings and training to provide students with Certificate of Achievement and other applicable job skills certificates upon course completion.**
- Write and submit report summarizing the use of the charging equipment at Bakersfield College, including:
 - Course offerings to broaden opportunities for hands-on training with electric vehicles and electric vehicle infrastructure.
 - Information on courses offered for BEAM EV ARC maintenance and repair.
 - Information on related Bakersfield College curriculum and programs, including courses and photos of students and faculty using equipment.

- Information on any resources leveraged from other training programs.
- Collaborations with Bakersfield College, regional car dealership associations, and appropriate Bakersfield businesses to ensure course offerings and training are those needed by local enterprises.
- Provide detail on the ability of the Bakersfield College programs to increase student enrollment in automotive technology programs.
- ~~Submit an AB 841 Certification that certifies the project has complied with all AB 841 requirements specified in Exhibit C or describes why the AB 841 requirements do not apply to the project. The certification shall be signed by Recipient's authorized representative.~~
- ~~Submit EVITP Certification Numbers of each Electric Vehicle Infrastructure Training Program certified electrician that installed electric vehicle charging infrastructure or equipment. EVITP Certification Numbers are not required to be submitted if AB 841 requirements do not apply to the project.~~

Products:

- Photos to document BEAM EV ARC, EVEN mobile charger, and Level 2 charger installations
- ~~AB 841 Certification and EVITP Certification Numbers~~
- Summary report on tracking enrollment success
- Report summarizing the use of the charging equipment at Bakersfield College

TASK 4 Outreach

The goal of this task is to support the market for zero emission vehicles by communicating the outcomes of this project to a variety of audiences and providing them with education materials and resources for installing charging stations.

The Recipient shall:

- Conduct ongoing EV and EVI outreach activities, including direct outreach to participating sites, and ~~hosting~~ the 2022 and 2023 TRANSITions Transit Symposiums.
 - Develop quick reference guides for participating sites, including information on incentives and activities specific to the site area, and provide to participants of outreach activities. Submit copies of quick reference guides to the CAM.
 - Invite project partners ~~will be invited~~ to speak and/or have a booth
 - Provide copies of agendas, registrations, and photos.

- Write and submit event reports for 2022 and 2023 TRANSITions Transit Symposiums.
- Conduct at least three additional public electric vehicle charging events or training workshops including, but not limited to, hosting or sponsoring electric vehicle and charger workshops for first responders and teachers.
 - Provide copies of agendas, registrations, and photos.
 - Write and submit event reports for each of the three additional public electric vehicle charging events or training workshops.
- Host or sponsor a mass-media marketing campaign and/or a Ride and Drive Event or a booth at a National Drive Electric Week event.
 - **Mass-media marketing campaign will include input from the project partners (which may be through a task force), data analytics, interviews, images of projects, related articles in local publications, photographs of outreach events, documentation of the program's success in languages appropriate to the targeted populations, and suggested strategies that would enhance performance metrics.**
 - Provide copies of agendas, registrations, and photos.
 - **Write and submit a report on mass-media marketing campaign.**
 - Write and submit an event report for a Ride and Drive event or a National Drive Electric Week event.
- **Update the Kern COG Blueprint**
 - **The focus of the Blueprint update will be:**
 - **Methods to attract economic investments in electric vehicle use and electric vehicle infrastructure deployment**
 - **Strategies for Kern COG to attract local involvement to provide county-wide charging**
 - **Identifying area-specific (regional) performance metrics that Kern COG will use to measure impacts of projects and determine additional funding needs**
 - **Ensure input from all stakeholders by hosting a minimum of eight quarterly meetings with local communities.**
 - **Develop strategies for implementing projects that support performance metrics.**
 - **Write and submit 2024 Kern County EV Charging Station Blueprint**

Products:

- **Quick reference guides**
- Copies of agendas, registrations, and photos
- Event Report for 2022 TRANSITions Transit Symposium
- Event Report for 2023 TRANSITions Transit Symposium
- Event report for each of the three additional public electric vehicle charging events or training workshops
- **Mass Marketing Campaign Report**
- Event report for a Ride and Drive event or a National Drive Electric Week event
- **2024 Kern County EV Charging Station Blueprint**

Task 5 E-Bike Pilot

The goal of this task is to introduce more diverse, affordable clean mobility options by launching an E-Bike lending program. This program will serve low-income and disadvantaged communities.

The Recipient shall:

- a. Purchase and deploy a minimum of six E-Bikes for community mobility services, EV information, and outreach by familiarizing community with electric mobility.
 - a. Provide photos and copies of information and outreach material
 - b. Write and submit a *Summary E-Bike Report* on the use of eBike equipment, including photos, community response to the program, and EV information and outreach materials used for the program.

Products:

- Summary E-Bike Report

TASK 6 Miocar Electric Carshare Program

The goal of this task is to expand Miocar operations in Bakersfield and Ridgecrest by deploying eight EVs in Bakersfield and two EVs and a BEAM EV ARC in the greater Ridgecrest area. Miocar will promote the service to increase membership in the program.

The Recipient shall:

- **Identify site locations in Bakersfield to receive eight EVs and that are convenient to existing public EV charging stations.**
- **Identify site locations in the greater Ridgecrest area to receive two EVs and one BEAM EV ARC and two Level 2 chargers.**
- **Install a BEAM EV ARC charger.**

- Deliver proof of operational charging equipment and installed signage including photos of each site.
- Ensure charger installation is performed and overseen by a qualified and licensed contractor in accordance with all local, state, and federal codes as well as and permitting and inspection requirements.
- Submit an AB 841 Certification that certifies the project has complied with all AB 841 (2020) requirements specified in Exhibit C or describes why the AB 841 requirements do not apply to the project. The certification shall be signed by Recipient's authorized representative.
- Submit Electric Vehicle Infrastructure Training Program (EVITP) Certification Numbers of each Electric Vehicle Infrastructure Training Program certified electrician that installed electric vehicle charging infrastructure or equipment. EVITP Certification Numbers are not required to be submitted if AB 841 requirements do not apply to the project.
- Lease and prepare ten EVs for use.
 - Install telematics and apply branding.
- Provide training to Miocar staff on the EVs and use of BEAM EV ARC.
- Develop outreach to provide information to the communities of Bakersfield and Ridgecrest and Bakersfield Community College students on the new Miocar services.
 - Miocar outreach will include information on the EV program, presentations and demonstrations to the Bakersfield and Ridgecrest communities.
 - Collaborate on outreach with community benefit organizations, nonprofits, and program partners.
- Collect and provide usage data, including program participation and vehicle performance in Miocar Program Report.

Products

- Proof of operational charging equipment and installed signage
- AB 841 Certification and EVITP Certification Numbers
- Miocar Program Report

TASK 7 Data Collection and Analysis

The goal of this task is to collect operational data from the project, to analyze that data for economic and environmental impacts, and to include the data and analysis in regular progress reports and the Final Report.

The Recipient shall:

- **Collect the following data:**
 - **Number, type, date, and location of chargers installed.**
 - **Nameplate capacity of the installed equipment, in kW.**
 - **Number and type of outlets per charger.**
 - **Location type, such as street, parking lot, hotel, restaurant, or multi-unit housing.**
 - **Total cost per charger, the subsidy from the CEC per charger, any federal subsidy per charger, any utility subsidy per charger, and any privately funded share per charger.**
 - **Data on chargers over a twelve-month period, including:**
 - **Number of charging sessions.**
 - **Average charging session duration.**
 - **Average kWh.**
 - **Average charger downtime.**

Products

- **Data collection information and analysis will be included in the Final Report**

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: KERN COUNCIL OF GOVERNMENTS (KERN COG)

RESOLVED, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

RESOLVED, that the CEC approves Amendment 1 to Agreement ARV-20-010 with the Kern COG to increase the funding to the full amount Kern COG proposed under GFO-19-603 EV Ready Communities Phase II. This amendment increases the number of charger installations and includes EV transport services that will benefit disadvantaged and low-income communities; and

FURTHER BE IT RESOLVED, that the Executive Director or their designee shall execute the same on behalf of the CEC.

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the CEC held on January 26, 2022.

AYE:

NAY:

ABSENT:

ABSTAIN:

Liza Lopez
Secretariat