



STATE OF CALIFORNIA

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

A) New Agreement # ARV-21-056 (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Larry Rillera	6	916-903-4295

C) Recipient's Legal Name	Federal ID #
Fresno City College	94-1574802

D) Title of Project
ZEV Service Technician Educational Pathway

E) Term and Amount

Start Date	End Date	Amount
05/11/2022	05/30/2025	\$500,000

F) Business Meeting Information

☐ ARFVTP agreements \$75K and under delegated to Executive Director

Proposed Business Meeting Date: 05/11/2022 ☐ Consent ☒ Discussion

Business Meeting Presenter: Larry Rillera Time Needed: 5 minutes

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

Agenda Item Subject and Description:

FRESNO CITY COLLEGE (FCC). Proposed resolution approving Agreement ARV-21-056 with FCC for a \$500,000 grant to develop curricula and conduct ZEV instruction and training for high school and college automotive students in the Fresno region, and adopting staff's determination that this action is exempt from CEQA. (Clean Transportation Program funding.) Contact: Larry Rillera. (Staff Presentation: 5 minutes)

G) 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":

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 section 15306 – Information Collection and 14 CCR section 15322 Training Programs. Cal. Code Regs, tit. 14, §15306, Information Collection, provides that projects which consist of basic data collection, research and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource are categorically exempt from the provisions of CEQA. This project consists of research, planning, outreach, training, and job placement in the ZEV and electric vehicle charging infrastructure (EVCI) industry. Cal. Code Regs, tit. 14, §15322 Training Programs Involving No Physical Changes, provides that projects which



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consist of the development of or changes in curriculum or training methods which do not result in a serious or major disturbance to an environmental resource are categorically exempt from the provisions of CEQA. This project involves the development of curriculum, education, and training programs. The project will not cause direct physical changes to the environment, and there will be no physical construction. Therefore, the proposed project will have no significant effect on the environment and is categorically exempt under sections 15306 and 15322.

☐ Common Sense Exemption.

☐ 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

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

Legal Company Name:	Budget
Fresno Metropolitan Ministry	\$139,350
Chevrolet Auto Dealer (TBD)	\$78,015
Switch Vehicles, Inc.	\$120,000

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

Legal Company Name:
Clovis High School (Clovis Unified School District)
Central East High School (Central Unified High School)
Kerman High School (Kerman Unified High School)

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ARFVTP	FY 18/19	601.118K	\$500,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

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

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:



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CALIFORNIA ENERGY COMMISSION

K) Recipient's Contact Information

1. Recipient's Administrator/Officer

Name: Becky Barabe

Address: Fresno City College
1101 E. University Ave., Fresno,
CA 93741

Phone: (559) 442-8200 ext 8514

E-Mail:

becky.barabe@fresnocitycollege.edu

Name: Marty Kamimoto

Address: 1101 E. University Ave.,
Fresno, CA 93741

Phone: (559) 442-8200 ext 8730

E-Mail:

marty.kamimoto@fresnocitycollege.edu

2. Recipient's Project Manager

L) Selection Process Used

☒ Competitive Solicitation Solicitation #: GFO-21-602

☐ First Come First Served Solicitation Solicitation #: - -

M) The following items should be attached to this GRF

- | | | | |
|---|-------------------------------------|-----|--|
| 1. Exhibit A, Scope of Work | <input checked="" type="checkbox"/> | N/A | <input checked="" type="checkbox"/> Attached |
| 2. Exhibit B, Budget Detail | <input checked="" type="checkbox"/> | N/A | <input checked="" type="checkbox"/> Attached |
| 3. CEC 105, Questionnaire for Identifying Conflicts | <input checked="" type="checkbox"/> | N/A | <input checked="" type="checkbox"/> Attached |
| 4. Recipient Resolution | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> Attached |
| 5. CEQA Documentation | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> Attached |

Agreement Manager

Date

Office Manager

Date

Deputy Director

Date

Exhibit A SCOPE OF WORK

TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2		Community Engagement and Trainee Recruitment
3	X	ZEV High School Program
4		Data Collection and Analysis
5		Project Fact Sheet

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Marty Kamimoto	Fresno Metropolitan Ministry	
2	Marty Kamimoto	Fresno Metropolitan Ministry ; Switch Electric Vehicles, Inc.	Clovis High School; Central High School; Kerman High School
3	Marty Kamimoto	Fresno Metropolitan Ministry; Switch Electric Vehicles, Inc.	Clovis High School; Central High School; Kerman High School
4	Marty Kamimoto	Fresno Metropolitan Ministry	
5	Marty Kamimoto	Fresno Metropolitan Ministry	

GLOSSARY

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

Term/ Acronym	Definition
AFV	Alternative Fueled Vehicles
BEV	Battery Electric Vehicle
CAM	Commission Agreement Manager
CAO	Commission Agreement Officer
CEC	California Energy Commission
CTP	Clean Transportation Program
CPR	Critical Project Review
DAC	Disadvantaged Communities

FCEV	Fuel Cell Electric Vehicle
FTD	Fuels and Transportation Division
FCC	Fresno City College
HV	High Voltage
LMS	Learning Management System
LIC	Low-Income Communities
OEM	Original Equipment Manufacturer
MLR ASE	Automotive Maintenance and Light Repair Automotive Service Excellence
PAC	Project Advisory Committee
Recipient	Fresno City College
DuE	Dual Enrollment
FCOG	Fresno Council of Governments
SJV	San Joaquin Valley
SJVAPCD	San Joaquin Valley Air Pollution Control District
ZEV	Zero-Emission Vehicles

Background

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Clean Transportation 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 October 1, 2021, the CEC released a Grant Funding Opportunity, entitled "IDEAL ZEV Workforce Pilot." This competitive grant solicitation was to support training in zero-emission vehicle (ZEV) industries and in priority communities. In response to GFO-21-602, the Recipient submitted application #13 which was proposed for funding in the CEC's Notice of Proposed

Awards on February 22, 2022. GFO-21-602 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 CEC's Award, CEC'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:

As San Joaquin Valley (SJV) transit agencies electrify their fleets and California continues to provide incentives and regulations that move ground transportation toward increased use of zero-emission vehicles (ZEVs), demand for automotive service technicians to work on these vehicles and the supporting ZEV infrastructure will increase. Without adopting ZEV training that aligns with the existing training programs available at community colleges, SJV high school automotive training programs, will not be able to meet the increasing demand for ZEV technicians.

Adoption of ZEVs has been slow in the San Joaquin Valley (SJV) compared to urban centers in California for a variety of reasons including low level of participation in training courses offered for ZEV technology. Several high schools in Fresno County have automotive training courses that could introduce students to ZEV technology, but these schools lack the trained teachers and funding for the tools and equipment to present the curriculum. They also lack funding to develop Dual Enrollment (DuE) pathways for students entering college to pursue further training in ZEV technology. Fresno City College (FCC) offers training in ZEV technology, but participation from students entering the college from local high schools has been low because a pipeline from high schools to FCC does not exist. This is particularly true for students coming from low-income and disadvantaged communities (LIC/DAC) that the high schools serve, where ZEVs are rarely seen or used, but where vocational education programs have a higher level of interest for students.

The ZEV Service Technician Educational Pathway Project (Project) with high school curriculum and DuE program development will produce a steady stream of new ZEV technicians to meet the increased demand for service in LIC/DAC.

Goal of the Agreement:

The goal of this Agreement is to provide training and career employment opportunities in the ZEV industry for high school students from LIC/DAC.

Objectives of the Agreement:

The objectives of this Agreement are to:

- Develop DuE programs for the ZEV Service Technician Educational Pathway Project (Projec) at three (3) Fresno County high schools that have existing automotive training programs.
- Develop internships/mentorships for high school students at a minimum of three automotive service facilities/dealerships/fleet shops in Fresno County.
- Provide ZEV training for at least 60 high school students for two semesters across all three high schools.
- Establish educational pathways for students in FCC ZEV training classes.

- Place at least 50 percent of graduates of FCC ZEV training classes into SJV ZEV industry jobs.

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 Commission Agreement Manager (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 CAM, the Commission Agreement Officer (CAO), and a representative of the CEC Accounting Office. The Recipient shall bring their Project Manager, Agreement Administrator, Accounting Officer, and any others determined necessary by the Recipient or specifically requested by the CAM to this meeting.
- Provide a written statement of project activities that have occurred after the notice of proposed awards but prior to the execution of the agreement using match funds. If none, provide a statement that no work has been completed using match funds prior to the execution of the agreement. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.
- Discuss the following administrative and technical aspects of this Agreement:
 - Agreement Terms and Conditions
 - Critical Project Review (Task 1.2)
 - Match fund documentation (Task 1.7) No reimbursable work may be done until this documentation is in place.
 - Permit documentation (Task 1.8)
 - Subawards needed to carry out project (Task 1.9)
 - The CAM's expectations for accomplishing tasks described in the Scope of Work
 - An updated Schedule of Products and Due Dates
 - Monthly Calls (Task 1.4)
 - Quarterly Progress Reports (Task 1.5)
 - Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
 - Final Report (Task 1.6)

Recipient Products:

- Updated Schedule of Products
- Updated List of Match Funds
- Updated List of Permits
- Written Statement of Match Share Activities

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 CAM 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 CAO, 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 and the CAM. 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 CAM.

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 CAM will determine the appropriate meeting participants.

The administrative portion of the meeting shall be a discussion with the CAM about the following Agreement closeout items:

- What to do with any equipment purchased with CEC funds (Options)
 - CEC 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 Calls

The goal of this task is to have calls at least monthly between CAM and Recipient to 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 verbally 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, to verify match funds are being proportionally spent concurrently or in advance of CEC funds or are being spent in accordance with an approved Match Funding Spending Plan, to form the basis for determining whether invoices are consistent with work performed, and to answer any other questions from the CAM. Monthly calls might not be held on those months when a quarterly progress report is submitted, or the CAM determines that a monthly call is unnecessary.

The CAM shall:

- Schedule monthly calls.
- Provide questions to the Recipient prior to the monthly call.
- Provide call summary notes to Recipient of items discussed during call.

The Recipient shall:

- Review the questions provided by CAM prior to the monthly call
- Provide verbal answers to the CAM during the call.

Product:

- Email to CAM concurring with call summary notes.

Task 1.5 Quarterly 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 Quarterly 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. Progress reports are due to the CAM the 10th day of each January, April, July, and October. The Quarterly Progress Report template can be found on the ECAMS Resources webpage available at <https://www.energy.ca.gov/media/4691>.

Product:

- Quarterly Progress Reports

Task 1.6 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.

In addition to any other applicable requirements, the Final Report must comply with the Americans with Disabilities Act (ADA) of 1990 (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability; all applicable regulations and guidelines issued pursuant to the ADA; Cal. Gov. Code sects. 7405 and 11135; and Web Content Accessibility Guidelines 2.0, or a subsequent version, as published by the Web Accessibility Initiative of the World Wide Web Consortium at a minimum Level AA success criteria.

The Recipient shall:

- Prepare an Outline of the Final Report, if requested by the CAM.
- Prepare a Final Report complying with ADA requirements and 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 1.7 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 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 CAM 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 CAM if during the course of the Agreement additional match funds are received.
- Notify the CAM 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 1.8 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 may 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 CAM 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 CAM.
- As permits are obtained, send a copy of each approved permit to the CAM.
- If during the course of the Agreement permits are not obtained on time or are denied, notify the CAM 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 1.9 Obtain and Execute Subawards

The goal of this task is to ensure quality products and to procure subrecipients 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.

The Recipient shall:

- Manage and coordinate subrecipient activities.
- If requested by the CAM, submit a draft of each subaward required to conduct the work under this Agreement to the CAM for review.
- If requested by the CAM, submit a final copy of the executed subaward.
- If Recipient intends to add new subrecipients or change subrecipients, then the Recipient shall notify the CAM.

Products:

- Letter describing the subawards needed, or stating that no subawards are required
- Draft subcontracts (if requested)
- Final subcontracts (if requested)

TECHNICAL TASKS

TASK 2 COMMUNITY ENGAGEMENT AND TRAINEE RECRUITMENT

The goal of this task is to engage with LICs/DACs and neighborhoods surrounding three Fresno high schools where the FCC will implement the Project and recruit Project trainees.

The Recipient shall:

- Develop and plan at least four community outreach and engagement events specifically focused on the Project and provide information in Quarterly Progress Reports.
- Secure the exact locations and informed by public health requirements and provide information in the Quarterly Progress Reports.
- Secure CEC approval from the CEC Media and Public Communications Office for the use of the CEC logo on all draft and final Project materials prior to use.
- Prepare and present presentations by FCC and to partner high schools regarding the opportunities for student training, career opportunities in the ZEV industry, and local job/employment openings with agencies and businesses that maintain, operate, or sell ZEVs. Provide presentations in Quarterly Progress Report(s).
- Develop project fact sheets (See Task 7) in English and in community preferred languages, regarding the value of ZEVs in reducing pollution, improving community/public health, the need for trained ZEV technicians, ZEV training delivery and timelines for technician certification, the potential economic benefits of ZEVs for families/communities, and potential income levels for ZEV technicians and provide materials in Quarterly Progress Report(s).

- Conduct ZEV demonstrations for select outreach events and identify in Quarterly Progress Report(s).
- Develop Project partnerships with all three local transit agencies, the San Joaquin Valley Air Pollution Control District (SJVAPCD), Fresno Council of Governments (FCOG), the Cities of Fresno, Kerman, and Clovis, and businesses. The Recipient will ensure that Project partners assist with Project recruitment, market the Project, and advance the ZEV industry. Provide Project partnership with Quarterly Progress Reports.
- Market the Project in English and in community preferred languages at events in LICs/DACs including but not limited to multi-media, social media, and other strategic approaches. The Recipient shall conduct events, record attendance, and survey attendees regarding knowledge/interest in ZEVs, interest in Project participation, interest in ZEV technology training, the likelihood of purchasing a ZEV, and include in Quarterly Progress Report(s).

Products:

- Quarterly Progress Reports
- CEC Approval for logo usage.

TASK 3 ZEV HIGH SCHOOL PROGRAM

The goals of this task are to develop a ZEV curriculum and training program for high school students and provide training/instruction to students.

The Recipient shall:

- Establish and conduct at least nine Project Advisory Committee (PAC) meetings quarterly at each of the three high schools with agendas and provide meeting notes, attendance, and copies of presentations in Quarterly Progress Reports.
- Develop draft and final Project curriculum with input from the PAC, provide to the CAM for review and approval, and seek approval for curriculum and training by the respective schools.
- Develop and establish Project internships for students with at least three Fresno County automotive service facilities, dealerships, or fleet shops.
- Conduct train-the-trainer events at each of the three high schools.
- Develop, administer, and collect pre- and post- train-the-trainer surveys and analyze results in the Final Report.
- Conduct an assessment and evaluate Fresno area high school existing automotive technology programs for potential implementation of Automotive Maintenance and Light Repair Automotive Service Excellence (MLR ASE) Education Foundation curriculum and provide the resultant analysis and recommendations with Quarterly Progress Reports.
- Develop and implement the MLR ASE curriculum at high school automotive technology programs and provide the curriculum with Quarterly Progress Reports.
- Conduct an assessment and evaluate high school automotive technology program faculty, instructors, and staff for DuE with FCC, establish DuE program

at FCC for automotive technology, seek input by Project partners, and provide results in Final Report.

- Develop, integrate, and provide training for high school automotive technology programs including but not limited to:
 - Original Equipment Manufacturer (OEM) Training with Learning Management System (LMS).
 - Basic to intermediate electrical/electronic curriculum.
 - High Voltage (HV) Safety Program.
 - Battery Electric Vehicle (BEV) curriculum and purchase proper safety, tools, and equipment.
 - Introductory course on alternative fuel vehicles (AFVs) with emphasis on on- and off-road ZEV technologies including battery electric vehicles (BEV) and fuel cell electric vehicles (FCEV) in the light-duty, medium- and heavy-duty vehicle platforms.
- Develop and implement a mentorship program to assist Project student interns during their on-the-job training with prospective employers.

Products:

- Quarterly Progress Reports
- Draft Curriculum
- Final Curriculum
- Project Internships
- Mentorship Program
- Final Report

[CPR WILL BE HELD IN TASK 3. See Task 1.2 for details]

TASK 4 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 the Final Report.

The Recipient shall:

- Collect and provide at least 12 months of throughput, usage, and operations data from the project including, but not limited to:
 - Draft and final data collection plan outline.
 - Performance metrics including, but not limited to course baseline data, attendance, training agenda, total time trained, training topics, duration of training sessions, tests and exams, surveys, job placement, outreach objectives and outcomes, completion rates, participation rates, and certificates of completion.
 - Qualitative and quantitative information including, but not limited to, photographs, testimonials, videos, spreadsheets, data, and modeling.
 - Key workforce and training issues encountered and describe the resolution of the issues.

- Trainee, participant, and attendee demographic and ethnicity information.
- Jobs, employment, and economic impact as a direct result of the project.
- Trainee occupations, skills, and wage rates.
- Job market(s) that support ZEV technologies. Compare the job market and status from the time of the original project proposal to the time of the project's completion.
- Baseline data.
- Job placement.
- List of SME, industry partners, project partners, key stakeholders, and other project collaborators.
- LIC/DAC participation and results.
- Collect data, information, and analysis described above and include in the Final Report.
- Compare any project performance and expectations provided in the proposal to CEC with actual project performance and accomplishments.
- Discuss recommendations.

Products:

- Draft Data Collection Plan Outline
- Final Data Collection Plan Outline
- Data collection information and analysis will be included in the Final Report

TASK 5 PROJECT FACT SHEET

The goal of this task is to develop an initial and final project fact sheet that describes the CEC-funded project and the benefits resulting from the project for the public and key decision makers.

The Recipient shall:

- Prepare an Initial Project Fact Sheet at start of the project that describes the project and the expected benefits. Use the format provided by the CAM.
- Prepare a Final Project Fact Sheet at the project's conclusion that describes the project, the actual benefits resulting from the project, and lessons learned from implementing the project. Use the format provided by the CAM.
- Provide at least (6) six High Quality Digital Photographs (minimum resolution of 1300x500 pixels in landscape ratio) of pre and post technology installation at the project sites or related project photographs.

Products:

- Initial Project Fact Sheet
- Final Project Fact Sheet
- High Quality Digital Photographs

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: FRESNO CITY COLLEGE

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 Agreement ARV-21- 056 with Fresno City College for a \$500,000 grant to develop curricula and conduct ZEV instruction and training for high school and college automotive students in the Fresno region; 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 May 11, 2022.

AYE:

NAY:

ABSENT:

ABSTAIN:

Liza Lopez
Secretariat