



STATE OF CALIFORNIA

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

A) New Agreement # ARV-21-024 (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Marc Perry	27	916-931-9424

C) Recipient's Legal Name	Federal ID #
Oxnard Harbor District - The Port of Hueneme	95-6002317

D) Title of Project
The SPARC Blueprint Project

E) Term and Amount

Start Date	End Date	Amount
08 / 11 / 2021	06 / 30 / 2023	\$ 200,000

F) Business Meeting Information

- ☐ ARFVTP agreements \$75K and under delegated to Executive Director
 Proposed Business Meeting Date 8 / 11 / 2021 ☐ Consent ☒ Discussion
 Business Meeting Presenter Kathryn Reid Time Needed: 5 minutes
 Please select one list serve. Altfuels (AB118- ARFVTP)

Agenda Item Subject and Description:

Oxnard Harbor District. Proposed resolution approving Agreement ARV-21-024 with the Oxnard Harbor District - The Port of Hueneme for a \$200,000 grant to develop a blueprint that will enable the adoption of MD/HD battery electric and fuel cell electric vehicles for fleets at the Port of Hueneme, and adopting staff's determination that this action is exempt from CEQA. (Clean Transportation Program funding.) Contact: Marc Perry. (Staff Presentation: 5 minutes)

G) California Environmental Quality Act (CEQA) Compliance

- 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
- If Agreement is considered a "Project" under CEQA:
 - ☒ Agreement **IS** exempt.
☐ Statutory Exemption. List PRC and/or CCR section number:
☒ Categorical Exemption. List CCR section number: 14 CCR 15306
☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why Agreement is exempt under the above section: 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 developing a planning document for possible, future deployment of zero emission



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vehicles and related infrastructure equipment. The project will not cause direct physical changes to the environment, and there will be no physical construction. This project involves data collection, technology assessment, public outreach, administrative coordination efforts, planning, and similar activities. Therefore, the proposed project will have no significant effect on the environment and is categorically exempt under section 15306.

- 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

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

Legal Company Name:	Budget
Zero Emission Advisors, LLC	\$ 119,100
The Coalition for Clean Air	\$ 35,000
Breathe Southern California	\$ 35,000
Ventura County Air Pollution Control District	\$ 10,900

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

Legal Company Name:

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ARFVTP	FY 19/20	601.118K	\$200,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: Select Program Area TOTAL: \$

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

K) Recipient's Contact Information**1. Recipient's Administrator/Officer**

Name: Christina Birdsey

Address: 333 Pomona Street

City, State, Zip: Port Hueneme, CA
93041

Phone: (805) 488-3677



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E-Mail: cbirdsey@portofh.org

2. Recipient's Project Manager

Name: Giles Pettifor

Address: 333 Pomona Street

CALIFORNIA ENERGY COMMISSION

City, State, Zip: Port Hueneme, CA
93041

Phone: (805) 488-3677

E-Mail: gpettifor@portofh.org

L) Selection Process Used

- ☒ Competitive Solicitation Solicitation #: GFO-20-601
☐ 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 type="checkbox"/> | | <input type="checkbox"/> Attached |
| 5. CEQA Documentation | <input type="checkbox"/> | | <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		MD/HD Vehicle Landscape
3		Charging and Fueling Technology Evaluation
4		Stakeholder Engagement
5	X	MD/HD Infrastructure Implementation Plan
6		Impact Assessment
7		Community Outreach
8		Replicability
9		Project Fact Sheet
10		Blueprint

KEY NAME LIST

Task #	Key Subcontractor(s)	Key Partner(s)
1	Zero Emission Advisors, LLC (ZE Advisors), The Coalition for Clean Air (CCA), Breathe Southern California (Breathe SoCal)	Ventura County Air Pollution Control District (VCAPCD)
2	ZE Advisors	
3	ZE Advisors	
4	CCA, Breathe SoCal	
5	ZE Advisors	
6	ZE Advisors	
7	CCA, Breathe SoCal	
8	ZE Advisors	
9	ZE Advisors	VCAPCD
10	ZE Advisors	

GLOSSARY

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

Term/ Acronym	Definition
Breathe SoCal	Breathe Southern California
CAM	Commission Agreement Manager
CAO	Commission Agreement Officer
CCA	The Coalition for Clean Air
CEC	California Energy Commission
CHE	Cargo Handling Equipment
Clean Transportation Program	Formerly known as Alternative and Renewable Fuel and Vehicle Technology Program
CPR	Critical Project Review
FTD	Fuels and Transportation Division
GHG	Greenhouse Gas
MD/HD	Medium-Duty and Heavy-Duty
Port	Port of Hueneme
Recipient	Oxnard Harbor District
SPARC	Sustainable Power Advancement and Resiliency for our Community
VCAPCD	Ventura County Air Pollution Control District
ZE Advisors	Zero Emission Advisors, LLC

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 policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the Program through January 1, 2024, and specifies that the CEC allocate up to \$20 million per year (or up to 20 percent of each fiscal year's funds) in funding for hydrogen station development until at least 100 stations are operational. 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.

The CEC issued GFO-20-601 entitled “Blueprints for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure” under the CEC’s Clean Transportation Program. To be eligible for funding under GFO-20-601, projects must also be consistent with the CEC’s current *Clean Transportation Program Investment Plan*, updated annually. In response to GFO-20-601, the Recipient submitted Proposal #23, which was proposed for funding in the CEC’s Notice of Proposed Awards on April 8, 2021. GFO-20-601 is 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. Similarly, in the event of any conflict or inconsistency between the terms of this Agreement and the terms of the Recipient’s Application, the terms of this Agreement shall control.

Problem Statement:

The Port of Hueneme (Port) at the Oxnard Harbor District is the only deep-water port between Los Angeles and San Francisco, and it is a preferred port for the import and export of specialized cargo. The Port strives to provide the maximum possible economic, environmental, and social benefits to the local communities and stakeholders; however, on-road Class 8 trucks account for the highest share of diesel fuel consumption, greenhouse gas (GHG) emissions, and criteria pollutant emissions in the region. As a port in the state of California, the Port is subject to the same air quality and energy efficiency targets as the rest of the state, and it has made great strides in complying with existing regulations and establishing environmental leadership through voluntary measures that classify existing sources of emissions at the port and determine strategies to eliminate them.

In reaching for these emission reductions, however, the Port must also remain cost-competitive with other ports around the country, many of which do not have to meet such stringent goals. This Sustainable Power Advancement and Resiliency for our Community (SPARC) Blueprint Project will create a planning document that will be used to electrify 100 percent of port operations and transition to zero-emission MD/HD trucks, cargo handling equipment (CHE), and marine vessels in a commercially, operationally, and fiscally prudent fashion, and it will serve as a guide for planning and implementation of future zero-emission technology deployments.

Goals of the Agreement:

The goal of this Agreement is to accelerate the deployment of zero-emission MD/HD trucks and CHE that are used to transport goods through the Port by using a holistic view of transportation planning that considers not only the technical requirements and challenges, but also the substantial community outreach required to successfully and cost-effectively transition fleets to zero-emission.

Objectives of the Agreement:

The objectives of this Agreement are to solidify the collaborative partnership between the Port, the community, and stakeholders to develop a planning blueprint that identifies the actions and milestones needed to implement zero-emission MD/HD trucks, CHE, and marine vessels and their related electric charging or hydrogen refueling infrastructure.

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.
- 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 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, the CAO, 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 and the CAO 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 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 CAM 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 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 1.7 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 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 1.8 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 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 CAM 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:

- Letter describing the subcontracts needed, or stating that no subcontracts are required
- Draft subcontracts
- Final subcontracts

TECHNICAL TASKS

TASK 2 MD/HD VEHICLE LANDSCAPE

The goal of this task is to quantify the potential for zero-emission MD/HD vehicles, port CHE, and marine vessels in the Port's fleets through examination of current and planned vehicle types, performance requirements, and environmental impact. The task will also quantify infrastructure requirements for battery electric charging and hydrogen fueling.

The Recipient shall:

- Identify goals and opportunities to reduce GHG emissions, criteria air pollutants, and toxic air contaminants for the region.
- Create inventory of current and planned MD/HD vehicles within the Port's jurisdiction, with a prioritization based on environmental impact.
- Determine feasibility for battery-electric and hydrogen fuel cell power.
- Determine overall demand for electric vehicle charging and hydrogen refueling.
- Draft an MD/HD Vehicle Landscape Report, which will include:
 - The goals and opportunities to reduce GHG emissions, criteria air pollutants, and toxic air contaminants for the region.
 - An inventory of current and planned MD/HD vehicles within the Port's jurisdiction.
 - Feasibility for battery-electric and hydrogen fuel cell power.
 - Overall demand for electric vehicle charging and hydrogen refueling.
- Provide a copy of the MD/HD Vehicle Landscape Report to the CAM.

Products:

- MD/HD Vehicle Landscape Report

TASK 3 CHARGING AND FUELING TECHNOLOGY EVALUATION

The goal of this task is to determine the optimal mix of charging and fueling technologies in terms of economic, environmental, and technical performance to meet the needs of the Port's vehicle fleets.

The Recipient shall:

- Evaluate current and planned charging and fueling technologies that optimize economic, environmental, and technical performance.
- Determine the best mix of technologies to meet the needs of the Port's vehicle fleets.
- Draft a Charging and Fueling Technology Evaluation Report. Technologies assessed may include, but not be limited to:
 - Skid-mounted hydrogen stations
 - Installed hydrogen stations
 - Wireless charging
 - Direct current fast charging
 - Overhead catenary systems
 - Individual solar chargers
 - Robotic chargers
 - Mobile chargers and refuelers
 - Curbside chargers
 - Streetlamp chargers
 - Interoperable MD/HD chargers
 - Autonomous garages
 - Vehicle-to-grid integration
 - Distributed energy resources
 - Micro-grids
- Provide a copy of the Charging and Fueling Technology Evaluation Report to the CAM.

Products:

- Charging and Fueling Technology Evaluation Report

TASK 4 STAKEHOLDER ENGAGEMENT

The goal of this task is to identify and gather input from project stakeholders. The engagement will ensure that stakeholder needs are being addressed in the plan, will identify stakeholder roles and tasks for the development of a repeatable plan, and will find synergies between activities already completed, in progress or planned.

The Recipient shall:

- Identify stakeholders, including utilities, local jurisdictions and planning organizations, educational institutions, regional workplaces and business owners, community-based organizations and community leaders, financial institutions, and safety organizations.
- Discuss the project with each stakeholder, identify their roles, and obtain feedback regarding the overall plan, their roles, and any difficulties or roadblocks that may arise.
- Identify each task and the areas of responsibility required of the project partners and stakeholder groups.
- Identify actions already taken by the local jurisdiction or other stakeholders that may impact the development of the zero-emission vehicle infrastructure.
- Draft a Final Stakeholder Engagement Report, which will include:
 - A list of stakeholders.
 - Roles of each stakeholder.
 - Tasks and responsibilities of partners and stakeholder groups.
 - Actions already take by local jurisdictions and other stakeholders.
- Provide a copy of the Final Stakeholder Engagement Report to the CAM.

Products:

- Final Stakeholder Engagement Report

TASK 5 MD/HD INFRASTRUCTURE IMPLEMENTATION PLAN

The goal of this task is to create a plan for implementing zero-emission MD/HD vehicle charging and fueling infrastructure.

The Recipient shall:

- Create an MD/HD Infrastructure Implementation Plan, which is technically-sound, implementable, and includes zero-emission MD/HD vehicle charging and fueling infrastructure for the Port using the results from Task 2 through Task 4.

- Provide a copy of the MD/HD Infrastructure Implementation Plan to the CAM.

Products:

- MD/HD Infrastructure Implementation Plan
[CPR WILL BE HELD IN THIS TASK. See Task 1.2 for details]

TASK 6 IMPACT ASSESSMENT

The goal of this task is to assess and quantify the various impacts of the planned zero-emission infrastructure and MD/HD vehicle deployment on the local communities and stakeholders.

The Recipient shall:

- Draft an Impact Assessment Report, which will identify the benefits that would result from the implemented plan including environmental health and safety, access and education, financial benefits, economic development, job creation, and consumer protection.
- Provide a copy of the Impact Assessment Report to the CAM.
- Highlight the benefits and results of the Impact Assessment Report to disadvantaged communities, low-income communities, priority populations, and/or tribal lands.

Products:

- Impact Assessment Report

TASK 7 COMMUNITY OUTREACH

The goal of this task is to implement an effective, tailored outreach to local communities to discuss the plan and its benefits in order to garner support and input for the planning efforts and future implementation.

The Recipient shall:

- Establish and manage community outreach activities to elected officials, government agencies, educational facilities, and community organizations.
- Develop a Community Outreach Report tailored to local communities, supported by education and outreach materials that are appropriate to the potentially affected residents, and in the languages needed for the communities, in order to educate them on the planning efforts and potential future impacts.
- Provide a copy of the Education and Outreach Materials, as well as the Community Outreach Report to the CAM.

Products:

- Education and Outreach Materials
- Community Outreach Report

TASK 8 REPLICABILITY

The goal of this task is to create a means for the blueprint plan to be replicable by other California MD/HD fleet owner and operators as a cost-effective way to leverage the results of this work.

The Recipient shall:

- Expand the Task 4 identification of project partner and stakeholder tasks and responsibilities to a generalized listing that enables a replicable approach for other fleets transitioning to zero-emission.
- Identify analytical tools, software applications, and data needed to improve future zero-emission MD/HD vehicle infrastructure planning activities.
- Draft a Replicability Report, which will include:
 - The generalized listing.
 - Analytical tools.
 - Software applications.
 - Data needed to improve future zero-emission MD/HD vehicle infrastructure planning activities.
- Provide a copy of the Replicability Report to the CAM.

Products:

- Replicability Report

TASK 9 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 six high quality digital photographs (minimum resolution of 1300x500 pixels in landscape ratio) from the project.

Products:

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

TASK 10 BLUEPRINT

The goal of this task is to create the final Blueprint for implementation of charging and fueling infrastructure to support zero-emission MD/HD vehicles in the fleet. The blueprint will be technically accurate, include stakeholder feedback, be engaging to the community, and be implementable and repeatable.

The Recipient shall:

- Combine the Products from Task 2 through Task 8 in a cohesive way to create a comprehensive Blueprint.

Products:

- Draft Blueprint
- Final Blueprint

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION OXNARD HARBOR DISTRICT-THE PORT OF HUENEME

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-21-024 with the Oxnard Harbor District - The Port of Hueneme for a \$200,000 grant to develop a blueprint that will enable the adoption of MD/HD battery electric and fuel cell electric vehicles for fleets at the Port of Hueneme; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her 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 August 11, 2021.

AYE:

NAY:

ABSENT:

ABSTAIN:

Liza Lopez
Secretariat