

GRANTS/CONTINGENT AWARD REQUEST



To: Grants and Loans Office

Date: 11 / 30 / 2012

Project Manager: Andrew Hom

Phone Number: (916) 651-3000 ext.

Office: EFTO

Division: FTD

MS- 27

Project Title: Installation of New CNG Fueling Station

Type of Request: (check one)

[X] New Agreement: (include items A-F from below) Agreement Number: Assigned by the G&L Office
Program: Alternative and Renewable Fuel and Vehicle Technology Program
Solicitation Name and/or Number: PON 11-602
Legal Name of Recipient: Lompoc Unified School District
Recipient's Full Mailing Address: 1301 North A Street, Lompoc, CA 93436
Recipient's Project Officer: Frances Lemons Phone Number: (805) 742-3182 ext.
Agreement Start Date: 1 / 9 / 2013 Agreement End Date: 1 / 9 / 2015

[ ] Amendment: (Check all that apply) Agreement Number: ARV-12-025
[ ] Term Extension - New End Date:  / /
[ ] Work Statement Revision (include Item A from below)
[ ] Budget Revision (include Item B from below)
[ ] Change of Scope (include Items A - F as applicable from below)
[ ] Other:

ITEMS TO ATTACH WITH REQUEST:

- A. Work Statement
B. Budget
C. Recipient Resolution, if applicable. (Resolution may be requested in Special Conditions if not currently available.)
D. Special Conditions, if applicable.
E. CEQA Compliance Form
F. Other Documents as applicable
• Copy of Score Sheets
• Copy of Pre-Award Correspondence
• Copy of All Other Relevant Documents

California Environmental Quality Act (CEQA)

[X] CEC finds, based on recipient's documentation in compliance with CEQA:
[X] Project exempt: Section 15301- Existing Facilities NOE filed:  / /
[ ] Environmental Document prepared:  NOD filed:  / /
[ ] Other: 
[ ] CEC has made CEQA finding described in CEC-280, attached

Funding Information:

\*Source #1: ARFVTP Amount: \$ 300,000.00 Statute: 2011 FY: 12/13 Budget List #: 601.1180
\*Source #2:  Amount: \$  Statute:  FY:  Budget List #: 
\*Source #3:  Amount: \$ 0.00 Statute:  FY:  Budget List #:

If federally funded, specify federal agreement number:

\* Source Examples include ERPA, PIER-E, PIER-NG, FED, GRDA, ARFVT, OTHER.

Business Meeting Approval: (refer to Business Meeting Schedule)

Proposed Business Meeting Date: 1 / 9 / 2013 [ ] Consent [X] Discussion
Business Meeting Participant: Andrew Hom Time Needed: (5 minutes)

Agenda Notice Statement: (state purpose in layperson terms)

Possible approval of a [X] Grant / [ ] Contingent Award to...
Lompoc Unified School District (LUSD) for \$300,000 to build a new, state of the art compressed natural gas (CNG) refueling station to service its fleet of CNG buses and student transport vehicles, as well as provide fast-fill fueling to the public. Once operational, LUSD plans to deploy and operate a minimum of fourteen (14) CNG vehicles and displace a total of 26,040 Diesel Gallon Equivalents per year.

Project Manager Date Office Manager Date Deputy Director Date

## Exhibit A Scope of Work

### TECHNICAL TASK LIST

Task #	CPR	Task Name
1	N/A	Administration
2		Pre-Construction
3	X	Construction
4		Operations
5		Data Collection, Analysis and Reporting

### KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Frances Lemons - LUSD		
2	Frances Lemons - LUSD		
3	Frances Lemons - LUSD	TBD	
4	Frances Lemons - LUSD		
5	Frances Lemons - LUSD		

### GLOSSARY

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

Acronym	Definition
ARFVT	Alternative and Renewable Fuel and Vehicle Technology
CAM	Commission Agreement Manager
CPR	Critical Project Review
FTD	Fuels and Transportation Division
NO <sub>x</sub>	Nitrogen Oxides
PM	Particulate Matter
CO <sub>2</sub>	Carbon Dioxide
CNG	Compressed Natural Gas
GGE	Gasoline Gallon Equivalent
DGE	Diesel Gallon Equivalent
CEQA	California Environmental Quality Act
CEC	California Energy Commission
LUSD	Lompoc Unified School District
RFP	Request for Proposal

## **Background:**

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVT Program). The statute, subsequently amended by AB 109 (Núñez) Chapter 313, Statutes of 2008), authorizes the Energy Commission to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies. The Energy Commission has an annual program budget of approximately \$100 million and provides financial support for projects that:

- Develop and improve alternative and renewable low-carbon fuels;
- Optimize alternative and renewable fuels for existing and developing engine technologies;
- Produce alternative and renewable low-carbon fuels in California;
- Decrease, on a full fuel cycle basis, the overall impact and carbon footprint of alternative and renewable fuels and increase sustainability;
- Expand fuel infrastructure, fueling stations, and equipment;
- Expand infrastructure connected with existing fleets, public transit, and transportation corridors; and
- Establish workforce training programs, conduct public education and promotion, and create technology centers.

The California Energy Commission issued solicitation PON-11-602 to provide funding opportunities under the ARFVT Program for projects which develop infrastructure necessary to store, distribute, and dispense electricity, E-85, propane, diesel substitutes, and natural gas. To be eligible for funding under PON-11-602, the projects must also be consistent with the Energy Commission's ARFVT Investment Plan updated annually. In response to PON-11-602, the Recipient submitted an application which was proposed for funding in the Energy Commission's Notice of Proposed Awards on April 24, 2012, and is incorporated by reference to this Agreement in its entirety.

## **Problem Statement:**

Every day, hundreds of thousands of children are loaded on to some of the most gross-polluting vehicles on our nation's roadways; school buses. Cleaner fuels and buses are available but very few school districts have the ability to pay for these more expensive transportation options. Every year, most school districts have to make the difficult decision to forgo cleaner buses in favor of books, building maintenance and teacher salaries. Consequently, our nation's children continue to be exposed to toxic chemicals and are at risk for future health and developmental problems. The answer to both of these problems lies in the increased use of alternative fuel sources. Compressed Natural Gas (CNG) is one of the most viable alternative transportation fuels for school buses because it is an affordable, commercially viable, domestic alternative to diesel and gasoline fuels.

Currently, the Lompoc Unified School District (LUSD) has ten (10) CNG, Type A school buses but no reliable way to fuel them. LUSD would like to increase their CNG fleet and offer public refueling capabilities but cannot do either without a new onsite station. With the support of the Energy Commission, LUSD in coordination with its project partners will be able to overcome the following obstacles:

- Current, non-functioning, antiquated CNG fueling capabilities.
- Scarcity of local, publically accessible CNG fueling facility.
- Financial burden of constructing new refueling site.
- Excessive NOx, PM and CO2 emissions.
- Inability to fully deploy existing CNG fleet.
- Impracticality of expanding CNG bus fleet.

## Goals of the Agreement

The primary goal of this project is to provide cleaner, safer and healthier transportation for Lompoc students that depend on LUSD buses to get to and from school. To do this, LUSD needs to install a new, state-of-the-art CNG refueling station.

Secondary benefits/goals are as follows:

- Encourage the expansion of CNG use by providing publicly accessible CNG fueling to interested area fleets and residents.
- Reduced emission of NOx, PM and GHGs both within the City of Lompoc, Santa Barbara County and the State of California,
- Complement, and not interfere with, efforts to achieve and maintain federal and state ambient air quality standards and to reduce toxic air contaminant emissions; and improve upon emission reductions and air quality benefits in the State Implementation Plan for Ozone, California Phase 2 Reformulated Gasoline standards, and diesel fuel regulations.
- Comply with the prohibition against funding projects that are required to be undertaken by state or federal law, district rules or regulations, memoranda of understanding with a governmental entity, or legally binding agreements or documents.
- Increase the knowledge of CNG among LUSD staff, Lompoc citizens, and area public and private fleets.

## Objectives of the Agreement

The objectives of this Agreement are to support fuel requirements of the existing and planned expansion of LUSD's CNG school bus fleet

### Short-Term Outcomes:

- Successful installation of one (1) CNG fueling station that will fuel a minimum of fourteen (14) CNG, Type A school buses. Each bus uses an average 1,860 diesel gallon equivalents (DGEs) of fuel per year. Over a three year period, LUSD plans to deploy a minimum of fourteen (14) CNG trucks as follows:
  - Total of 14 buses operating by 2014.
  - Total of 26,040 DGEs of fuel displaced per year beginning 2014.
  - The estimated annual emissions reductions of 14 CNG buses (based on EPA Diesel Emission Quantifier calculations):
    - CO<sub>2</sub> gases: **69,3706 tons**
    - Particulate matter: **0.0168 tons**
    - Nitrous oxides: **0.6585 tons**
  - Support expansion of LUSD's sustainability goals by purchasing additional buses fueled by CNG in 2013 and beyond.
  - Support job creation through implementation of this project by an estimated fifteen (15) temporary jobs, benefitting both, the State of California's and the nation's economy

Long-Term Outcomes:

- Improved education for the Lompoc USD, its employees, the City of Lompoc residents, local businesses and the greater communities of California on the use of compressed natural gas.
- Contribute to efforts to mitigate the risks from climate change through reduced greenhouse gas emissions that will be significant to California.
- Improve long-term health effects by reducing emissions of pollutants that contribute to asthma and lung disease.
- Reduce U.S. dependence on foreign sources of transportation fuels and improve energy security.
- Support the California economy through support of local sources for CNG and CNG vehicles.

LUSD will also work directly with the CEC to administer grant funds and comply with reporting requirements. The chosen station vendor/provider will be required to provide relevant experience for building and operating similar stations in size and scope to the proposed station, including:

- Providing General Liability Coverage
- Providing project management and site supervision
- Obtaining local building permits from the City of Lompoc, CA
- Coordinating electric and natural gas services with the utility companies
- Providing site survey and layout
- Providing all required saw cutting, excavation and backfill
- Providing all required civil improvements in accordance with the final Scope of Work
- Providing complete mechanical piping package in accordance with the final Scope of Work
- Providing complete electrical package in accordance with the final Scope of Work
- Installing equipment, including all required rigging and hoisting
- Providing commissioning support
- Providing as-built mark ups (red lines) for final drawing revisions
- Supplying equipment components and services

**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 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. The administrative and technical aspects of this Agreement will be discussed at the meeting. Prior to the kick-off meeting, the Commission Agreement Manager will provide an agenda to all potential meeting participants.

The administrative portion of the meeting shall include a discussion of the following:

- The terms and conditions of the Agreement
- Critical Project Review (Task 1.2)
- Match fund documentation (Task 1.6) No 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 technical portion of the meeting shall include a discussion of the following:

- The Commission Agreement Manager's expectations for accomplishing tasks described in the Scope of Work
- An updated Schedule of Products
- Progress Reports (Task 1.4)
- Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
- Final Report (Task 1.5)

The Commission Agreement Manager shall designate the date and location of this meeting.

**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**

The goal of this task is to determine if the project should continue to receive Energy Commission funding to complete this Agreement and to identify any needed modifications to the tasks, products, schedule or budget.

CPRs provide the opportunity for frank discussions between the Energy Commission and the Recipient. CPRs generally take place at key, predetermined points in the Agreement, as determined by the Commission Agreement Manager and as shown in the Technical Task List above. However, the Commission Agreement Manager may schedule additional CPRs as necessary, and any additional costs will be borne by the Recipient.

Participants include the Commission Agreement Manager and the Recipient and may include the Commission Grants Officer, the Fuels and Transportation Division (FTD) team lead, other Energy Commission staff and Management as well as other individuals selected by the Commission Agreement Manager to provide support to the Energy Commission.

**The Commission Agreement Manager shall:**

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the Energy Commission, but they may take place at another location.
- 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. One of the outcomes of this meeting will be 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 (see the Terms and Conditions, Section 8). If the Commission Agreement Manager concludes that satisfactory progress is not being made, this conclusion will be referred to the Lead Commissioner for Transportation activities 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 Commission Agreement Manager 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.

**Commission Agreement Manager 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 Energy Commission 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 Energy Commission funds (Options)
  - Energy Commission's request for specific "generated" data (not already provided in Agreement products)
  - "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 research 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 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 its 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 Energy Commission 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.
- Prepare a Final Report following the approved outline and the latest version of the Final Report guidelines which will be provided by the Commission Agreement Manager. 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:**

- Draft Outline of the Final Report
- Final Outline of the Final Report
- 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 Energy Commission 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 Energy Commission 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 Energy Commission 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 Energy Commission 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.

**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 Energy Commission 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)

**Task 1.8 Obtain and Execute Subcontracts**

The goal of this task is for Recipients to identify any subcontracts required to carry out the tasks under this Agreement and to procure them consistent with the terms and conditions of this Agreement and the Recipient's own procurement policies and procedures. It will also provide the Energy Commission 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, it shall notify the Commission Agreement Manager.

**Products:**

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

**TECHNICAL TASKS**

**TASK 2 PRE-CONSTRUCTION**

The goal of this task is to develop a detailed site plan for the CNG station.

**The Recipient shall:**

- Provide a detailed site plan for the station location to the CAM.

**Products:**

- Final station design.

**TASK 3 CONSTRUCTION**

The goal of this task is to order, take delivery of, and install all necessary equipment and supplies at the site. Installation of equipment, controls, and support infrastructure will be completed in accordance with the system design specifications.

**The Recipient shall:**

- Place order for all equipment and parts that require processing and delivery time.
- Track and inventory all equipment and supplies arriving at the site.
- Provide quality assurance checks on key components of the system.
- Coordinate placement and logistics for equipment and component skids.
- Develop List of Equipment and submit to the CAM.
- Install equipment on their respective foundations.
- Install underground and above-ground piping and conduits to transport gas on site to the plant and to provide necessary utilities and communication lines to the equipment locations.
- Perform final checks of design prior to start-up.

**[CPR WILL OCCUR DURING THIS TASK. SEE TASK 1.2 FOR DETAILS]**

**Products:**

- List of Equipment

## **TASK 4 Operations**

The goal of this task is to perform start-up of the system and equipment on-site and commission of the system into operation.

### **The Recipient shall:**

- Develop start-up test plan.
- Perform necessary checks of the system prior to start-up and address any findings from prestart check list and take corrective actions.
- Perform start-up and commission system into service per test plan.
- Troubleshoot any issues identified.
- Collect operational data and analyze.
- Prepare a startup and initial operator results report and submit to CAM.

### **Products:**

- Start-up and Initial Operations Results Report.

## **TASK 5 DATA COLLECTION, ANALYSIS & REPORTING**

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

### **The Recipient shall:**

- Develop data collection test plan.
- Troubleshoot any issues identified.
- Collect 6 months of throughput, usage, and operations data from the project including, but not limited to:
  - Number of vehicles fueled per day per station
  - Number of days per year vehicles fueled per station
  - Maximum capacity of the new fueling system
  - Gallons of gasoline and/or diesel fuel displaced by using natural gas (with associated mileage information).
  - Expected air emissions reductions, for example:
    - Non-methane hydrocarbons
    - Oxides of nitrogen
    - Non-methane hydrocarbons plus oxides of nitrogen
    - Particulate Matter
    - Formaldehyde
  - Duty Cycle of the current fleet and the expected duty cycle of future vehicle acquisitions
  - Specific jobs and economic development resulting from this project

- Identify any current and planned use of renewable energy at the facility.
- Identify the source of the alternative fuel.
- Describe any energy efficiency measures used in the facility that may exceed Title 24 standards in Part 6 of the California Code Regulations.
- Provide data on potential job creation, economic development, and increased state revenue as a result of expected future expansion.
- Provide a quantified estimate of the project's carbon intensity values for life-cycle greenhouse gas emissions.
- Compare any project performance and expectations provided in the proposal to Energy Commission with actual project performance and accomplishments.

**Products:**

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



Award Number: ARV-12-025

Date: 12 / 27 / 2012

**Note:** The Energy Commission Project Managers Manual includes detailed instructions on how to complete this section, with examples of grants that are “Projects” and are not “Projects”. When the Project Manager is completing this section, if questions arise as to the appropriate answers to the questions below, please consult with the Energy Commission attorney assigned to review grants or loans for your division.

1. Is grant/loan considered a “Project” under CEQA?  Yes *(skip to question #2)*  No *(continue with question #1)*

Please complete the following: *[Public Resources Code (PRC) 21065 and 14 California Code of Regulations (CCR) 15378]:*

Explain why the grant/loan is **not** considered a “Project”? The grant/loan will not cause a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because grant/loan involves:

2. If grant/loan is considered a “Project” under CEQA: *(choose either IS or IS NOT)*

Grant/loan **IS** exempt:

Statutory Exemption: *(List PRC and/or CCR section numbers)* \_\_\_\_\_

Categorical Exemption: *(List CCR section number)* Existing Facilities -15301

Common Sense Exemption. *(14 CCR 15061(b)(3))*

Explain reason why the grant/loan is exempt under the above section:

The project is categorically exempt from review pursuant to Section 15301, Existing Facilities, of the California Environmental Quality Act (CEQA).

Please attach draft Notice of Exemption (NOE). Consult with the Energy Commission attorney assigned to your division for instructions on how to complete the NOE.

Grant/loan **IS NOT** exempt. The Project Manager needs to consult with the Energy Commission attorney assigned to your division and the Siting Office regarding a possible initial study.