

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION

New Agreement ARV-14-020 (To be completed by CGL Office)

Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Brian Fauble	27	916-654-3974

Recipient's Legal Name	Federal ID Number
County of Sonoma	94-600539

Title of Project
Sustaining and Growing the Redwood Coast Electric Trail

Term and Amount	Start Date	End Date	Amount
	8 / 27 / 2014	5 / 31 / 2018	\$ 500,000

Business Meeting Information
 ARFVTP agreements under \$75K delegated to Executive Director.

Proposed Business Meeting Date	8 / 27 / 2014	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Lindsee Tanimoto	Time Needed:	5 minutes

Please select one list serve. **Altfuels (AB118- ARFVTP)****Agenda Item Subject and Description**

Proposed resolution approving Agreement ARV-14-020 with County of Sonoma for a \$500,000 grant to renovate ten existing electric vehicle charging stations and deploy three new electric vehicle charging stations in Sonoma County. (ARFVTP Funding). Contact: Brian Fauble

California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?
 Yes (skip to question 2) No (complete the following (PRC 21065 and 14 CCR 15378):
 Explain why Agreement is not considered a "Project":
 Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .
2. If Agreement is considered a "Project" under CEQA:
 a) Agreement **IS** exempt. (Attach draft NOE)
 Statutory Exemption. List PRC and/or CCR section number:
 Categorical Exemption. List CCR section number: §15301 "Existing Facilities", §15302 "Replacement or Reconstruction", §15303 "New Construction or Conversion of Small Structures", §15304 "Minor Alterations to Land"
 Common Sense Exemption. 14 CCR 15061 (b) (3)
 Explain reason why Agreement is exempt under the above section:
 The project will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because: 1) The project consists of minor alteration of existing public or private facilities involving negligible or no expansion of use beyond that existing, 2) The project consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced 3) The project consists of construction and location of limited numbers of new, small facilities or structures 4) The project consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes
 b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)
 Check all that apply
 Initial Study Environmental Impact Report
 Negative Declaration Statement of Overriding Considerations
 Mitigated Negative Declaration

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

Legal Company Name:	Budget
Glass Architects	\$ 42,750
	\$ 0
	\$ 0

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CALIFORNIA ENERGY COMMISSION

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

Legal Company Name:

Budget Information

Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTF	14/15	601.118	\$500,000
Funding Source			\$
R&D Program Area: N/A		TOTAL:	\$500,000
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

Recipient's Administrator/ Officer

Recipient's Administrator/ Officer				Recipient's Project Manager			
Name:	Jose Obregon			Name:	Liz Yager		
Address:	2300 County Center Drive Suite A200			Address:	2300 County Center Drive Suite A200		
City, State, Zip:	Santa Rosa, CA 95403			City, State, Zip:	Santa Rosa, CA 95403		
Phone:	707-565-2977	Fax:	- -	Phone:	707-565-6167	Fax:	- -
E-Mail:	jose.obregon@sonoma-county.org			E-Mail:	liz.yager@sonoma-county.org		

Selection Process Used

- Competitive Solicitation
 First Come First Served Solicitation
- Solicitation #: PON-13-606

The following items should be attached to this GRF

- | | | |
|---|---|--|
| 1. Exhibit A, Scope of Work | <input checked="" type="checkbox"/> | Attached |
| 2. Exhibit B, Budget Detail | <input checked="" type="checkbox"/> | Attached |
| 3. CEC 105, Questionnaire for Identifying Conflicts | <input checked="" type="checkbox"/> | Attached |
| 4. Recipient Resolution | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 5. CEQA Documentation | <input type="checkbox"/> N/A | <input checked="" 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	X	Planning and Installation/Renovation
3		Outreach and Maintenance
4		Data Collection and Analysis

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Tamra Pinoris Liz Yager Hope Marshall		
2	Steve Fiano Dale Wittman Mark Hummel Mark DeBacker	Glass Architects	
3	David Worthington BC Capps Steve Bartlett		
4	Tamra Pinoris BC Capps Kim Whalen		

GLOSSARY

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

Term/ Acronym	Definition
AB	Assembly Bill
ARFVTP	Alternative and Renewable Vehicle and Technology Program
CAM	Commission Agreement Manager
CPR	Critical Project Review
Energy Commission	California Energy Commission
FTD	Fuels and Transportation Division
GHG	Greenhouse Gasses
PEV	Plug-In Electric Vehicle
PON	Public Opportunity Notice
Recipient	County of Sonoma, General Services Department

BACKGROUND

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). The statute authorizes the California Energy Commission (Energy Commission) 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 ARFVTP through January 1, 2024, and specifies that the Energy Commission 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 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;
- Improve light-, medium-, and heavy-duty vehicle technologies;
- Retrofit medium- and heavy-duty on-road and non-road vehicle fleets;
- 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 Energy Commission issued solicitation PON-13-606 to fund electric vehicle charging infrastructure in several categories that will support growth of electric vehicles as a conventional method of transportation and adoption of plug-in electric vehicles (PEV) over a wide range of California's population and socio-economic classes. To be eligible for funding under PON-13-606, the projects must also be consistent with the Energy Commission's ARFVT Investment Plan updated annually. In response to PON-13-606, the County of Sonoma, General Services Department (Recipient) submitted application number 6, which was proposed for funding in the Energy Commission's Notice of Proposed Awards on July 3, 2014. PON-13-606 and Recipient's aforementioned 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 the Energy Commission's Award, the Energy Commission's Award shall control. Similarly, in the event of any conflict or inconsistency between the terms of this Agreement and the Recipient's Application, the terms of this Agreement shall control.

Problem Statement:

The County of Sonoma has ten PEV charging stations installed for public use that are growing outdated and are becoming incompatible with the evolving PEV market. Without funding to renovate these outdated charging stations, the County of Sonoma will have to decommission the stations for public use, reducing its public PEV charging station network at a time when they are facing growing demand.

Goals of the Agreement:

The goal of this Agreement is to maintain and expand the EV charging network in Sonoma County in order to increase the use of alternative and renewable transportation fuels, encourage EV adoption, and reduce Greenhouse Gas (GHG) emissions.

Objectives of the Agreement:

The objectives of this Agreement are to install 3 chargers at 2 sites and also renovate 10 chargers at 5 sites that will be used by current drivers and encourage new drivers to adopt electric vehicle technology. Other objectives of this Agreement are to displace conventional vehicle miles travelled, reduce GHG emissions, and provide outreach to other government entities interested in PEV charging station network development.

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 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 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); and
- Final Report (Task 1.5).

Recipient's Products:

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

CAM's Product:

- Kick-Off Meeting Agenda

Task 1.2 Critical Project Review (CPR) Meetings

CPRs provide the opportunity for frank discussions between the Energy Commission and the Recipient. The goal of this task is to determine if the project should continue to receive Energy Commission's 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 shall be borne by the Recipient. A CPR is scheduled for Task 2.

Meeting participants include the CAM and the Recipient and may include the Commission Grants Officer, other Energy Commission's staff and Management as well as other individuals selected by the CAM to provide support to the Energy Commission's.

The CAM shall:

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the Energy Commission's, 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. Prepare and submit 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 shall 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 and submit 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.

Recipient's Product:

- CPR Report(s)

CAM's Product:

- Written determination

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 shall be attended by, at a minimum, the Recipient, the Commission Grants Office Officer, and the CAM. The technical and administrative aspects of Agreement closeout shall 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 shall determine the appropriate meeting participants.
The administrative portion of the meeting shall be a discussion with the CAM 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);
 - Need to document Recipient's disclosure of "subject inventions" developed under the Agreement;
 - "Surviving" Agreement provisions; and
 - Final invoicing and release of retention.

- Prepare and submit a schedule for completing the closeout activities for this Agreement.

Recipient's 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 and submit 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.

Recipient's 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 Fuels and

Transportation Division project management processes.

The Final Report shall be a public document. If the Recipient has obtained confidential status from the Energy Commission and shall 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 and submit an Outline of the Final Report.
- Prepare and submit a Final Report following the latest version of the Final Report guidelines which shall 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.

Recipient's Products:

- Outline of the Final Report
- Draft Final Report (no less than 60 days before the end term of the agreement)
- 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 shall 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 shall request reimbursement.

The Recipient shall:

- Prepare and submit a letter documenting the match funding committed to this Agreement 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 Energy Commission awarding this Agreement and none have been identified at the time this Agreement starts, and 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 shall be applied; and
 - 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 shall 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 shall be included as a line item in the progress reports and shall 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.

Recipient's 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 shall 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 and submit 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 shall be required during the course of the Agreement, provide in the letter:
 - A list of the permits that identifies the:

- Type of permit; and
 - Name, address and telephone number of the permitting jurisdictions or lead agencies.
- The schedule the Recipient shall 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 shall also be discussed. If applicable, permits shall be included as a line item in the Progress Reports and shall 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.

Recipient's 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 shall 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 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.

Recipient's Products:

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

TECHNICAL TASKS

TASK 2 PLANNING AND INSTALLATION/RENOVATION

Task 2.1 Project Designs and Installation Schedule

The goal of this task is to finalize the project design for up to the following 8 EV charger installation/renovation sites, determine all necessary parts, tools and, equipment, and procure the required EV charger equipment and schedule delivery of the EV equipment to each site. The 8 potential EV charger sites identified as of the commencement date of this grant agreement are:

Address	Chargers to be renovated	Installation of new Chargers
201 Doran Beach Road, Bodega Bay, CA 94923	1	0
1351 Maple Avenue, Santa Rosa, CA 95404	2	0
2200 Airport Blvd, Santa Rosa, CA 95403	2	0
2300 County Center Drive, Santa Rosa, CA 95403	3	0
575 Administration Drive, Santa Rosa, CA 95403	2	0
205 West 1st Street, Cloverdale, CA 95425	0	2
16255 First Street, Guerneville, CA 95446	0	1
Intersection of Paulin Drive and Administration Drive, Santa Rosa, CA 95403 (to be used if funds are remaining after completing the renovation sites)	0	0
Total:	10	3

Site changes: Any change of one or more of the above-identified charging station sites to a new or different proposed site must be effectuated through a mutually-acceptable contract amendment.

The Recipient shall:

- Review and evaluate all relevant local, state, and federal EV charging station guidelines for improving and evaluating existing Recipient owned public EV charging stations as well as for the installation of new EV charging stations.
- Construct access and usability improvements at existing EV charging station locations and verify conformance with all relevant local, state, and federal EV charging station guidelines.

- Perform site visits at the 8 project sites.
- Develop the final list of equipment needed for the project and place an order for all equipment and parts needed to install the EV chargers at up to 8 sites.
- Draft and finalize the project design for each site.
- Develop an installation/retrofit schedule for the order of installations/retrofits for each site.

Recipient's Products:

- Copies of completed equipment and parts order forms
- Final project designs for each of the 8 sites
- Installation/Renovation schedule for each of the 8 sites

TASK 2.2 Installations and Renovations

The goal of this task is to install and retrofit the chargers at the specified locations.

The Recipient shall:

- Re-confirm schedule and site access for each of the 8 sites.
- Schedule delivery of equipment to each of the installation and retrofitting sites.
- Install or retrofit chargers and appropriate signage at each of the 8 sites.
- Schedule and complete final inspections of each completed installation and retrofit.

Recipient Products:

- Documentation of completed installations including, but not limited to, photographs and final inspection reports

[CPR shall be held upon completion of this task per Task 1.2]

TASK 3 OUTREACH AND MAINTENANCE

Task 3.1 Outreach

The goal of this task is to facilitate the clarity of emerging installation and user etiquette guidelines that are required for effective and efficient renovation, retrofit, and new construction of EV charging stations as well as to provide outreach to other California local governments and entities by communicating lessons learned and best practices to support replication of effective and rapid EV charging station network expansion.

The Recipient shall:

- Facilitate engagement and communication with interested community stakeholders regarding the sharing of best practices, case studies, lessons learned, and cooperative efforts to work toward positive solutions to emerging issues through online webinars.

- Prepare and submit an installation/renovation best practices and lessons learned report.

Recipient's Products:

- Notifications of webinars
- Installation/renovation best practices and lessons learned report

Task 3.2 Maintenance Plan

The goal of this task is to create a maintenance plan to address the ongoing operation of the EV chargers.

The Recipient shall:

- Confirm schedule for regular inspections and equipment checks.
- Distribute appropriate equipment manuals to project coordinators and on-site staff at each location.
- Identify steps to take in case equipment service is necessary.
- Develop a maintenance plan.

Recipient's Product:

- Maintenance plan

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:

- Develop a data collection plan.
- Troubleshoot any issues identified.
- Collect 6 months of throughput, usage, and operations data from the project including, but not limited to:
 - Capacity and actual use of the new charging system (including number of charging sessions and energy use in kilowatt-hours per given time period);
 - Gallons of gasoline and/or diesel fuel displaced (with associated mileage information);
 - Expected air emissions reduction, including:
 - Non-methane hydrocarbons,
 - Oxides of nitrogen,
 - Non-methane hydrocarbons plus oxides of nitrogen, and
 - Particulate matter.
 - Specific jobs and economic development resulting from this project.
- Identify any current or planned use of renewable energy at the facility.
- 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.
- Collect data, information, and analysis described above and include in the Final Report.

Recipient's Product:

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

RESOLUTION NO:

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION - RE: COUNTY OF SONOMA

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

RESOLVED, that the Energy Commission approves Agreement ARV-14-020 with **County of Sonoma** for a \$500,000 grant to renovate ten existing electric vehicle charging stations and deploy three new electric vehicle charging stations in Sonoma County; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the Energy Commission.

CERTIFICATION

The undersigned Secretariat to the Commission 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 California Energy Commission held on August 27, 2014.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Harriet Kallemeyn,
Secretariat