

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION

New Agreement ARV-14-016 (To be completed by CGL Office)

Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Sam Lerman	27	916-651-6178

Recipient's Legal Name	Federal ID Number
US Hybrid Corporation	95-4725959

Title of Project
Renewable Energy Workplace Charging

Term and Amount	Start Date	End Date	Amount
	7 / 22 / 2014	12 / 31 / 2016	\$ 200,000

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

Proposed Business Meeting Date	7 / 22 / 2014	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Sam Lerman	Time Needed:	5 minutes

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

Agenda Item Subject and Description

Proposed resolution approving Agreement ARV-14-016 with US Hybrid Corporation for a \$200,000 grant to install 1 direct current fast charger and 2 Level 2 chargers that incorporate an energy management system, battery storage, renewable electricity production, and vehicle-to-grid capabilities at US Hybrid Corporation facility.



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 Sections: 15301; 15303; 15304
 section number: _____

Common Sense Exemption. 14 CCR 15061 (b) (3)
 Explain reason why Agreement is exempt under the above section:

This project involves installation of three outdoor networked charging stations that are wall-mounted units and a new exterior concrete pad to support the three outdoor charging stations. The project will be installed at US Hybrid Corporation's headquarters which is fully developed and operational. All power will be provided from the existing electrical panel and the work includes installations of conduit, wiring, electrical connections, and mounting equipment. Minor trenching and backfilling may be required to bring power from local sources to the proposed charging stations. There will be no removal of healthy, mature, scenic trees.

Cal. Code Regs., tit. 14, sec. 15301 provides that projects which consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, and which involve negligible or no expansion of use beyond that existing at the time of the lead agency's determination, are categorically exempt from the provisions of the California Environmental Quality Act. The square footage of the charging stations is analogous to a specified example provided in the Regulations (i.e., 14 C.C.R. § 15301(e)) of a minor addition to existing structures. The equipment will not significantly expand the use beyond that already existing and the square footage of equipment installation is relatively small. Therefore, the project falls within section 15301 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sec. 15303 provides that projects which consist of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure, are categorically exempt from the provisions of the California Environmental Quality Act. This project consists of installation of small new equipment, including three wall mounted charging stations and a concrete pad. Therefore, the project falls within section 15303 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sec. 15304 provides that projects which consist of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes, are categorically exempt from the provisions of the California Environmental Quality Act. For installation of the equipment in this project there will be minor trenching to connect existing power sources to the charging stations. No trees will be removed and the surface will be restored. This reflects exactly the example given in section 15304(f). Therefore, the project falls within section 15304 and will not have a significant effect on the environment.

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

- Check all that apply
- Initial Study
 - Negative Declaration
 - Mitigated Negative Declaration
 - Environmental Impact Report
 - Statement of Overriding Considerations

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

Legal Company Name:	Budget
Pacific Structures	\$ 9,000
	\$
	\$

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

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CALIFORNIA ENERGY COMMISSION



Legal Company Name:

Budget Information			
Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTF	13/14	601.118F	\$200,000
Funding Source			\$
R&D Program Area:	Select Program Area	TOTAL:	\$200,000
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

Recipient's Administrator/ Officer				Recipient's Project Manager			
Name:	Abas Goodarzi			Name:	Same		
Address:	445 Maple Avenue			Address:			
City, State, Zip:	Torrance, CA 90503			City, State, Zip:			
Phone:	310-212-1200	Fax:	310-212-1102	Phone:	- -	Fax:	- -
E-Mail:	abas@ushybrid.com			E-Mail:			

Selection Process Used	
<input checked="" type="checkbox"/> Competitive Solicitation	Solicitation #: PON-13-606
<input type="checkbox"/> First Come First Served Solicitation	

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 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
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**Exhibit A
SCOPE OF WORK**

TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2	X	Develop Charging System Specifications
3		Install Charging System
4		Data Collection and Analysis

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner
1	Abas Goodarzi, Aryan Papoli	US Hybrid Corporation	
2	Don Kang, Christophe Salgues	US Hybrid Corporation	
3	Joemar Abetong, Aaron Shay	US Hybrid Corporation	
4	Don Kang	US Hybrid Corporation	

GLOSSARY

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

Term/ Acronym	Definition
ARFVTP	Alternative and Renewable Vehicle and Technology Program
CAM	Commission Agreement Manager
CPR	Critical Project Review
DCFC	Direct Current Fast Charger
EVSE	Electric Vehicle Supply Equipment or Charging Station
FTD	Fuels and Transportation Division
PEV	Plug-in Electric Vehicles
Recipient	US Hybrid Corporation
V2G	Vehicle-to-Grid

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 ARFVTP 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 Energy Commission issued Solicitation PON-13-606 entitled "Electric Vehicle Charging Infrastructure" under the ARFVT Program on December 18, 2013. This competitive grant solicitation was an offer to fund electric vehicle (EV) charging infrastructure installation across a range of categories. The resulting projects would support growth of EVs 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 ARFVTP Investment Plan updated annually. In response to PON-13-606, the Recipient submitted application #07 which was proposed for funding in the Energy Commission's Notice of Proposed Awards on April 4, 2014. PON13-606 and recipient's aforementioned application are incorporated by reference in 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 current lack of electric vehicle charging sites limit mainstream EV utilization and deployment. There is a need to expedite the installation of charging facilities at commercial workplaces and publicly-accessible buildings.

Goal of the Agreement:

The goal of this Agreement is to install two Level 2 chargers and one Direct Current Fast Charger (DCFC) at US Hybrid Corporation, provide workplace charging that uses renewable energy and is Vehicle-to-Grid (V2G) ready.

Objective of the Agreement:

The objective of this Agreement is to install three workplace chargers.

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 (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. The administrative and technical aspects of this Agreement will be discussed at the meeting. Prior to the kick-off meeting the CAM will provide an agenda to all potential meeting participants.
- The administrative portion of the meeting shall include, but not be limited to, the following:
 - o Discussion of the terms and conditions of the Agreement
 - o Discussion of Critical Project Review (Task 1.2)
 - o Match fund documentation (Task 1.6) No work may be done until this documentation is in place.
 - o Permit documentation (Task 1.7)
 - o Discussion of subcontracts needed to carry out project (Task 1.8)
- The technical portion of the meeting shall include, but not be limited to, the following:
 - o The CAM's expectations for accomplishing tasks described in the Scope of Work
 - o An updated Schedule of Products
 - o Discussion of Progress Reports (Task 1.4)

- o Discussion of Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
- o Discussion of the Final Report (Task 1.5)

Recipient Products:

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

CAM 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. 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 Energy Commission Grants Officer, the Fuels and Transportation Division (FTD), other Energy Commission staff and Management as well as other individuals selected by the CAM to provide support to the Energy Commission.

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, 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 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 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 Energy Commission Grants Office Officer, 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 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
- 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.

Recipient 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 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 Draft Final Report.
- 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.
- 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 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 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. 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 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 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)

Task 1.8 Obtain and Execute Subcontracts

The goal of this task is to ensure quality products and to procure subcontractors required to carry out the tasks under this Agreement consistent with the Agreement Terms and Conditions and the Recipient's own procurement policies and procedures. It will also provide the 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.

Products:

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

TECHNICAL TASKS

TASK 2 DEVELOP CHARGING SYSTEM SPECIFICATIONS

The goal of this task is to perform all design work and develop specifications for DC fast charger and Level 2 charging systems.

The Recipient shall:

- Determine controls required.
- Determine performance needed for renewable power supply, battery storage, and energy management needed during off-peak and on-peak power use.
- Determine requirements and controls needed for bi-directional power flow.
- Develop specifications for equipment and materials.
- Procure equipment and materials.

Products:

- System Requirements and Specifications Report

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

TASK 3 INSTALL CHARGING SYSTEM

The goal of this task is to complete the charging system installation and testing, and ensure compliance to the requirements specified in Task 2.

The Recipient shall:

- Procure, integrate, and test all subsystems of the charging system.
- Complete installation of DCFC and Level 2 charging systems.
- Perform system level testing of fully-assembled and installed units.

Products:

- Integration, Testing, and Performance Report

TASK 4 DATA COLLECTION AND ANALYSIS

The goal of this task is to collect operational data from the project and analyze the data for economic and environmental impacts that shall be included 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:
 - 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.

Products:

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

Exhibit A-1

Schedule of Products and Due Dates

Task Number	Task Name	Product(s)	Due Date
1.1	Attend Kick-off Meeting	Updated Schedule of Products	8/23/2014
		Updated List of Match Funds	8/23/2014
		Updated List of Permits	8/23/2014
		Kick-Off Meeting Agenda (CEC)	8/30/2014
1.2	Critical Project Review Meetings	1st CPR Meeting CPR Report	3/20/2015
		Agenda and List of Scheduled Participants (CEC)	Commission
		Schedule for Written Determination (CEC)	Commission
		Written determination (CEC)	Commission
1.3	Final Meeting	Written documentation of meeting agreements	6/17/2016
		Schedule for completing closeout activities	6/17/2016
1.4	Monthly Progress Reports	Monthly Progress Reports	The 10th calendar day of each month during the approved term of this Agreement
1.5	Final Report	Final Outline of the Final Report	3/10/2016
		Draft Final Report (no less than 60 days before the end term of the agreement)	4/10/2016
		Final Report	6/24/2016
1.6	Identify and Obtain Match Funds	A letter regarding match funds or stating that no match funds are provided	8/23/2014
		Copy(ies) of each match fund commitment letter(s) (if applicable)	8/23/2014
		Letter(s) for new match funds (if applicable)	Within 10 days of identifying new match funds
		Letter that match funds were reduced (if applicable)	Within 10 days of identifying reduced funds
1.7	Identify and Obtain Required Permits	Letter documenting the permits or stating that	9/1/2014

Exhibit A-1

Schedule of Products and Due Dates

	no permits are required	
	A copy of each approved permit (if applicable)	Within 10 days of receiving each permit
	Updated list of permits as they change during the term of the Agreement (if applicable)	Within 10 days of change in list of permits
	Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)	Within 10 days of change in schedule for obtaining permits
	A copy of each approved final permit (if applicable)	Within 10 days of receiving each final permit
1.8	Obtain and Execute Subcontracts	
	Letter describing the subcontracts needed, or stating that no subcontracts are required	9/23/2014
	Draft subcontracts	15 days prior to the scheduled execution date
	Final subcontracts	Within 10 days of execution
2	DEVELOP CHARGING SYSTEM SPECIFICATIONS	
	System Requirements and Specifications Report	3/29/2015
3	INSTALL CHARGING SYSTEM	
	Integration, Testing, and Performance Report	11/27/2015
4	DATA COLLECTION AND ANALYSIS	
	Final Report	With Final Report

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: US HYBRID CORPORATION

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-14-016 from PON-13-606 with **US Hybrid Corporation** for a **\$200,000** grant to install 1 direct current fast charger and 2 Level 2 chargers that incorporate an energy management system, battery storage, renewable electricity production, and vehicle-to-grid capabilities at US Hybrid Corporation facility; 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 July 22, 2014.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Harriet Kallemeyn,
Secretariat