

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION - RE: Coulomb Technologies

RESOLVED, that the State Energy Resources Conservation and Development Commission (Energy Commission) approves Amendment 1 for Agreement ARV-09-007 to allow a no-cost time extension of eight months to give the recipient additional time to complete their tasks. Coulomb Technologies is expected to provide 1,850 networked electric vehicle charging stations to the San Francisco, Sacramento and Los Angeles regions. Residential installations have been slower than expected due to vehicle production constraints from the Japanese tsunami. The additional time will allow them to catch up with residential installations as more battery electric vehicles become available. The new term end date of the agreement is requested to be December 30, 2013. (ARFVT funding.) Contact: Jared Cacho.

FURTHER BE IT RESOLVED, that this document authorizes the Executive Director to 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 March 14, 2012.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Harriet Kallemeyn,
Secretariat

Exhibit A

WORK STATEMENT

TECHNICAL TASK LIST

Task #	CPR	Task Name
1	N/A	Administration
2	X	Station Allocations, Permitting, and Installations
3	N/A	Data Collection

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Richard Lowenthal/ Michael Jones		
2	Michael Jones Colleen Quinn	CFCI	Enid Joffe (CFCI), site owners
3	Marc Carlson	CalCars	

GLOSSARY

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

Term/ Acronym	Definition
CFCI	Clean Fuel Connection, Inc.
CPR	Critical Project Review
FTD	Fuels and Transportation Division
CEQA	California Environmental Quality Act
PMP	Project Management Plan
CEC/Energy Commission	California Energy Commission
PHEV	Plug-in Hybrid Electric Vehicle
NEC	National Electric Code
IT	Information Technology
EVSE	Electric Vehicle Supply Equipment
EV	Electric Vehicle
BEV	Battery Electric Vehicle
PEV	Plug-in Electric Vehicle
TCO	Total Cost of Ownership
GHG	Green House Gas
DR	Demand Response

Background:

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (AB 118 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;
- 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 California Energy Commission issued Solicitation PON-08-010 to provide funding opportunities under the AB 118 Program for projects which have been awarded funding from the U.S. Department of Energy (U.S. DOE) under a federal funding opportunity announcement for specified transportation projects. To be eligible funding under PON-08-010, the projects must also be consistent with the Energy Commissions AB 118 Program Investment Plan updated annually.

In response to PON-08-010, Recipient submitted application #24, which was proposed for funding in the Energy Commission's Notice of Proposed Awards (as revised February 22, 2010), and is incorporated by reference to this Agreement in its entirety.

Problem Statement:

Widespread consumer use of electrified transportation has many benefits including, environmental, economic, and national security. There are many challenges in developing a viable and flourishing consumer market for electric vehicles (EVs). Among the myriad technical challenges are the challenges of market perception and acceptance.

One of the current and future obstacles to EV adoption is the lack of sufficient charging infrastructure available to EV owners for charging. The principal barriers for widespread adoption of EVSE infrastructure are:

- **Funding**

Coulomb has been actively commercializing Electrical Vehicle Support Equipment (EVSE) around the nation and the world for the past 13 months and has encountered customers with real objections, such as,

- 1) “We don’t have funding, especially for a future need.”
- 2) “There are no cars that will utilize the stations if we buy now.”

However, PEVs are coming to California and the Energy Commission funding for EVSE will make it easier for site-owners to make the decision to install this equipment. The Charge California project will provide free charging stations to selected sites. Moreover, bringing in the Federal funding component will allow the Energy Commission and Coulomb to bring scale to the deployment program.

- **Lack of EV Products in California**

One obvious principal barrier to Electric Vehicle Supply Equipment (EVSE) deployment by site owners is that there is currently a lack of commercially available EVs on the market in California. By deploying EVSE based on the automakers targeted markets supporting cities that have locations for installation, and leveraging federal money into the program, the Energy Commission funding will help lure the EV car manufacturers to enter the California market before other states and provide consumers with assurances that widespread infrastructure will be available.

Goals of the Agreement:

The main goal of this Agreement is to drastically increase the awareness of the availability of electric vehicle charging stations to drive an accelerated adoption of EVs as they begin to enter the marketplace at the end of 2010. This goal will be met by leveraging Energy Commission grant funding with the Department of Energy funding to accelerate cities and automakers’ decisions to deploy and announce electric vehicle charging infrastructure, via local and national media, before the vehicles enter the market. The California program will become the national model of a public private partnership with national and statewide support.

Objectives of the Agreement:

The objectives of this Agreement are to cost effectively achieve the following;

Objective 1: Install 1,290 EVSE in three regions in California, Los Angeles, Bay Area and Sacramento that are level II stations with networking capabilities

Objective 2: Track and measure station adoption and utilization rates over the duration of the project.

Objective 3: Track and calculate equivalent GHG emissions and gasoline displaced by the project made possible by this grant funding.

Objective 4: Analyze usage trends to forecast future station locations.

Objective 5: Participate in a state wide EV infrastructure working group

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 Project 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 Project 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 Project Manager will provide an agenda to all potential meeting participants.

The administrative portion of the meeting shall include, but not be limited to, the following:

- Discussion of the terms and conditions of the Agreement
- Discussion of 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)
- Subcontract requirements (Task 1.8)

The technical portion of the meeting shall include, but not be limited to, the following:

- The Commission Project Manager’s expectations for accomplishing tasks described in the Scope of Work
- An updated Schedule of Products
- Discussion of Progress Reports (Task 1.4)

- Discussion of Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
- Discussion of the Final Report (Task 1.5)
- Discussion of restrictions on activities that might trigger local California Environmental Quality Act (CEQA) review

The Commission Project 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 Project 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 Project Manager and as shown in the Technical Task List above. However, the Commission Project Manager may schedule additional CPRs as necessary, and any additional costs will be borne by the Recipient.

Participants include the Commission Project 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 Project Manager to provide support to the Energy Commission.

The Commission Project 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 (please see the Terms and Conditions). If the Commission Project Manager concludes that satisfactory progress is not being made, this conclusion will be referred to the Transportation Committee for its 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 Project 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 Project 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 Project 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 Project 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 Project Manager will determine the appropriate meeting participants.

The administrative portion of the meeting shall be a discussion with the Commission Project 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)
- Need to document Recipient's disclosure of "subject inventions" developed under the Agreement
- "Surviving" Agreement provisions, such as repayment provisions and confidential Products
- 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, status or updates to permitting, an assessment of the ability to complete the Agreement within the

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; and to draw conclusions. 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 a draft and final 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 Project Manager. The Commission Project Manager shall provide written comments on the Draft Final Report within fifteen (15) working days of receipt. The Final Report must be completed on or 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 Project 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.
- Notify the Commission Project 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.
- Provide the appropriate information to the Commission Project Manager when additional match funds are received to offset any reductions in match funds.

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 that match funds were reduced (if applicable)
- Letter(s) for additional match funds (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 expenditures 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 Project 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 Project Manager in Monthly Progress Reports.
- As permits are obtained, submit a list identifying each approved permit to the Commission Project Manager in the Monthly Progress Report.

- If during the course of the Agreement permits are not obtained on time or are denied, notify the Commission Project Manager in writing 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

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, that the budgeted expenditures are reasonable and consistent with applicable cost principles.

The Recipient shall:

- Prepare a letter documenting the subcontracts required to conduct this Agreement, and submit it to the Commission Project Manager at least 2 working days prior to the kick-off meeting. If there are no subcontracts required at the start of this Agreement, then state such in the letter. If it is known at the beginning of the Agreement that subcontracts will be required during the course of the Agreement, provide in the letter:
 - A list of the subcontracts that describes the anticipated maximum budget and general scope of work for each,
 - A description of the procurement process to be used, and
 - The schedule the Recipient will follow in applying for and obtaining these subcontracts
- Submit a draft of the subcontract to the Commission Project Manager for review and approval, and incorporate any changes recommended by the Commission Project Manager.
- Submit a final copy of the executed subcontract.

Products:

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

TASK 2 - STATION ALLOCATION, PERMITTING, AND INSTALLATIONS

Task 2.1 AB 118 EVSE Coordination

The goal of this task is to provide a coordinated response to the deployment of EVSE in California by the recipients of applicable AB 118 funding and to maximize the public benefit.

The Recipient shall:

- Develop regional allocation plans in consultation with key Energy Commission staff and Energy Commission defined stakeholders, including the cities and utilities in each region. This plan will prioritize deployment and articulate a strategy and proposed approach for installing EVSE, including, but not limited to, the following categories.
 - Residential
 - Estimates of OEM PEV deployment and their corresponding geographic locations
 - A strategy to integrate residential installations with estimated OEM PEV deployment by geographic location
 - A strategy to provide charging for multi-dwelling units (MDUs) and homes without garages
 - Workplace
 - Identification of attributes that would result in workplace charging being a priority
 - Outreach plan for workplace charging
 - Fleets/Public
 - A strategy to identify and prioritize state and municipal government fleets that have more need for state funds
 - A strategy to identify, prioritize, and support public infrastructure on public property
 - A strategy to leverage fleet charging to accommodate residential, workplace and opportunity charging (i.e. Sonoma County fleet strategy)
 - Commercial/Retail
 - Marketing and advertising campaign
 - A method to determine which responses represent an interested party and a viable site
 - The rationale for determining whether the station will be used and how to minimize stranded assets
 - A strategy to mitigate stranded assets

The Recipient shall prepare a list prioritizing the installations, based on input from the Energy Commission.

The Recipient shall not begin work on Task 2.2 until the Commission Project Manager approves the regional allocation plan.

- Identify overlapping regions for deployment of EVSE with recipients of AB 118 funds related to plug-in electric vehicle infrastructure.
- Create a public outreach development plan.

[Before work done by a subcontractor begins, their subcontract must be executed. See Task 1.8 for details.]

Products:

- Regional allocation plan
- Public outreach development plan

Task 2.2 EVSE Deployment

The goal of this task is to ensure that each local region has an opportunity to participate in determining the deployment of stations within their region. Discussions with key stakeholders, including cities and local utilities will provide a forum to collaborate on the deployment.

The Recipient shall:

- Create a site development plan which will include:
 - A site survey for each identified installation which is completed to determine the installation design, permitting needs and to facilitate generation of construction estimates/quotes. Installation will be scheduled and completed in a timely and professional manner and to provision the stations after installations are completed.
 - An assessment of site documentation which will identify which permits must be obtained. Permit costs are not part of the Energy Commission share.
- Develop subcontracts for installation that define; number of sites, type, location, data collection requirements, and any agreements made with the Site Owner.
Site owner agreements will define at least the following:
 - Site owner responsibility,
 - Site preparation,
 - Access to site,
 - Insurance and indemnity information,
 - Contingency if damages occur and equipment installation and removal if ever necessary.

- Develop and submit draft and final subcontracts for installation, and any other subcontracts necessary for carrying out this task. (See Task 1.8)
- Site assessment will be used to develop a permit package;
 - Develop a complete list of required permits for construction and operation including relevant permitting agencies or individuals.
 - These permits include, but are not limited to,
 - Local planning/building permit per NEC
 - Utility assessment, if required
- Schedule commencement of installation activities once permitting has been completed with contractors and site owners.
- Facilitate communication between contractor, site owner, and equipment supplier.
- Schedule delivery of charging station to the installation site.
- Monitor progress to ensure quality and accountability of the subcontractors.
- Provide technical support to contractor on an as needed basis.
- Provide provisioning service to finalize station setup after physical install.
- Evidence of station completion such as sign off from the site owner will be included in the Monthly Progress Report (Task 1.4).
- Create and maintain a publicly accessible website with all stations populated and viewable as they become available with links to other station information websites.
- Create a reporting template to capture agreement, permitting, completion, and supply equipment details

[A CPR WILL BE HELD PERIODICALLY DURING THIS TASK.
See Task 1.2 for details.]

Products:

- Site Development Plan
- Site Specific Installation Plan
- Permit Packages
- Draft Site Owner Agreements
- Final Site Owner Agreements with Energy Commission approval
- Draft installation subcontracts
- Final installation subcontracts
- Stations populated and viewable on a publically accessible website
- Reporting Template

TASK 3 - DATA COLLECTION

The goal of this task is to collect data on the economic benefits and local impacts of the project throughout the term of the project, analyze that data for project sustainability and include that analysis in the Final Report.

The Recipient shall:

- Submit for the Energy Commission Project Manager’s review and approval a draft subcontract for assistance in completing this task with Purdue University. The finally executed subcontract will also be submitted to the Energy Commission Project Manager.
- Track and measure station adoption and utilization rates over the duration of the project.
- Track and calculate equivalent GHG emission and gasoline displaced by the project.
- Analyze usage trends to forecast future station locations.
- Describe how the project supports new technology advancement for vehicles, vessels, engines, and other equipment, and promote the deployment of such technologies in the marketplace. Describe any actual results, in terms of gasoline or diesel fuel displaced, or other appropriate metric. To the extent possible describe how the project, provided a measurable transition from the nearly exclusive use of petroleum fuels to a diverse portfolio of viable alternative fuels that meets California’s petroleum reduction and alternative fuel use goals.
- Describe how the project incorporated and achieved the sustainability goals. Use a mix of quantitative and qualitative information, as appropriate to the constraints of the project. Provide a quantified estimate of the project’s carbon intensity values for life-cycle scale greenhouse gas emissions.
- Describe how the project provided economic benefits to California by promoting California-based technology firms, new job creation, new business development, economic benefit to low income communities, avoidance of disproportionate impacts to disadvantaged communities, and increased state revenue. Identify the jobs and economic development from this project.
- Describe how the project demonstrated the cost-effectiveness of the proposed technology in achieving greenhouse gas emissions reduction.

Products:

- None, all data from this task will be included in the Final Report (Task 1.5)

To: Grants and Loans Office

Date: 1 / 6 / 2012

Project Manager: Leslie Barody Phone Number: (916) 654-4417 ext. _____
 Office: Emerging Fuels and Technologies Division: Fuels and Transportation MS- 27
 Project Title: No City Left Behind

Type of Request: (check one)

New Agreement: (include items A-F from below) Agreement Number: Assigned by the G&L Office
 Program: _____
 Solicitation Name and/or Number: _____
 Legal Name of Recipient: _____
 Recipient's Full Mailing Address: _____
 Recipient's Project Officer: _____ Phone Number: () - ext. _____
 Agreement Start Date: ____ / ____ / ____ Agreement End Date: ____ / ____ / ____

Amendment : (Check all that apply) Agreement Number: ARV-09-007
 Term Extension – New End Date: 12 / 30 / 2013
 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: (Specify) _____

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)

CEC finds, based on recipient's documentation in compliance with CEQA:
 Project exempt: Section _____ NOE filed: ____ / ____ / ____
 Environmental Document prepared: Type _____ NOD filed: ____ / ____ / ____
 Other: Explain _____
 CEC has made CEQA finding described in CEC-280, attached

Funding Information:

*Source #1: _____ Amount: \$ _____ Statute: _____ FY: _____ Budget List #: _____
 *Source #2: _____ Amount: \$ _____ Statute: _____ FY: _____ Budget List #: _____
 *Source #3: _____ Amount: \$ _____ Statute: _____ FY: _____ Budget List #: _____

If federally funded, specify federal agreement number: _____

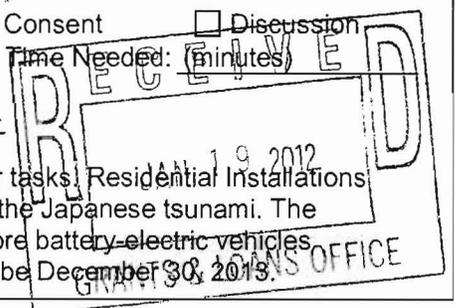
* Source Examples include ERPA, PIER-E, PIER-NG, FED, GRDA, ARFVT, OTHER.

Business Meeting Approval: (refer to Business Meeting Schedule)

Proposed Business Meeting Date: 3 / 14 / 2012 Consent Discussion
 Business Meeting Participant: _____ Time Needed: (minutes) _____

Agenda Notice Statement: (state purpose in layperson terms)

Possible approval of a Grant / Contingent Award to... *See correct language on back*
 no cost time extension to give the Recipient additional time to complete their tasks. Residential Installations have been slower than expected due to vehicle production constraints from the Japanese tsunami. The additional time will allow them to catch up with residential installations as more battery-electric vehicles become available. The new term end date of the agreement is requested to be December 30, 2013.



Leslie Barody 1/7/12 [Signature] 1/12/12 [Signature] 1/17/12
 Project Manager Date Office Manager Date Deputy Director Date

1. Consent Calendar.

- g. COULOMB TECHNOLOGIES. Possible approval of Amendment 1 to Agreement ARV-09-007 with Coulomb Technologies for a no-cost time extension of eight months to give the recipient additional time to complete their tasks. Coulomb Technologies is expected to provide 1,850 networked electric vehicle charging stations to the San Francisco, Sacramento and Los Angeles regions. Residential installations have been slower than expected due to vehicle production constraints from the Japanese tsunami. The additional time will allow them to catch up with residential installations as more battery electric vehicles become available. The new term end date of the agreement is requested to be December 30, 2013. (ARFVT funding.) Contact: Jared Cacho.