

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION

New Agreement ARV-14-006 (To be completed by CGL Office)

| Division | Agreement Manager: | MS- | Phone |
|---------------------------------------|--------------------|-----|--------------|
| 600 Fuels and Transportation Division | Jennifer Allen | 27 | 916-653-0291 |

| Recipient's Legal Name | Federal ID Number |
|--------------------------------------|-------------------|
| Electric Vehicles International, LLC | - |

| Title of Project |
|--|
| California Medium-Duty ZEV Repower Demonstration Project |

| Term and Amount | Start Date | End Date | Amount |
|-----------------|---------------|----------------|--------------|
| | 7 / 22 / 2014 | 08 / 30 / 2018 | \$ 1,653,000 |

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 | Jennifer Allen | Time Needed: | 10 minutes |

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

Agenda Item Subject and Description

Proposed resolution approving Agreement ARV-14-006 with Electric Vehicles Incorporated for a \$1,653,000 grant to repower United Parcel Service pre-2007 medium-duty delivery vehicles to all-electric powertrains and demonstrate their performance in on-road demonstrations for 24 months.

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 these are demonstration vehicles to provide data for two state agencies.
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: _____
 Common Sense Exemption. 14 CCR 15061 (b) (3)
 Explain reason why Agreement is exempt under the above section:
 The repowering of a limited number of vehicles for demonstration purposes 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 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 |
|---------------------|--------|
| | \$ |
| | \$ 0 |
| | \$ 0 |

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

| |
|-----------------------|
| Legal Company Name: |
| United Parcel Service |
| |

GRANT REQUEST FORM (GRF)

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CALIFORNIA ENERGY COMMISSION



| Budget Information | | | |
|-----------------------------------|-------------------------------|----------------------|-------------|
| Funding Source | Funding Year of Appropriation | Budget List No. | Amount |
| ARFVTF | 13/14 | 601.118F | \$1,653,000 |
| Funding Source | | | \$ |
| R&D Program Area: | Select Program Area | TOTAL: | \$1,653,000 |
| Explanation for "Other" selection | | | |
| Reimbursement Contract #: | | Federal Agreement #: | |

| Recipient's Administrator/ Officer | | | | Recipient's Project Manager | | | |
|------------------------------------|---|------|-----|-----------------------------|---|------|-----|
| Name: | Robert Falcon | | | Name: | Robert Falcon | | |
| Address: | Electric Vehicles International, LLC. 1627 Army Court #1 | | | Address: | Electric Vehicles International, LLC. 1627 Army Court #1 | | |
| City, State, Zip: | Stockton, CA 95206 | | | City, State, Zip: | Stockton, CA 95206 | | |
| Phone: | 209-507-7531 | Fax: | - - | Phone: | 209-507-7531 | Fax: | - - |
| E-Mail: | Robert.Falcon@evi-usa.com | | | E-Mail: | Robert.Falcon@evi-usa.com | | |

| Selection Process Used | |
|---|----------------------------|
| <input checked="" type="checkbox"/> Competitive Solicitation | Solicitation #: PON-13-602 |
| <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 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 |
|------|-----|---|
| 1.0 | | Administration |
| 2.0 | | Integration |
| 3.0 | X | Testing |
| 4.0 | | Production |
| 5.0 | X | Demonstration, Data Collection, Analysis, and Reporting |

KEY NAME LIST

| Task | Key Personnel | Key Subcontractor(s) | Key Partner(s) |
|------|---|----------------------|----------------|
| 1.0 | Ricky Hanna, Robert Falcon, Cindy Warner & Mike Britt | | UPS |
| 2.0 | Mike Britt, Jim Konen, Steve Nikulin | | UPS |
| 3.0 | Steve Nikulin, Jim Konen | | UPS |
| 4.0 | David Nino, Rakesh Koneru | | |
| 5.0 | Jim Konen, Rakesh Koneru, Lupe Arrendono, Steve Nikulin | | UPS |

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 |
| BOM | Bill of Materials |
| CAM | Commission Agreement Manager |
| CPR | Critical Project Review |
| DERA | Diesel Emission Reduction Act |
| Energy Commission | California Energy Commission |
| EVI | Electric Vehicles International |
| FTD | Fuels and Transportation Division |
| Recipient | Electric Vehicles International |

BACKGROUND

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology (ARFVT) Program. The statute, subsequently amended by AB 109 (Núñez, Chapter 313, Statutes of 2008) and AB 8 (Perea, Chapter 401, Statutes of 2013), 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-13-602 to provide funding opportunities under the ARFVT Program for demonstration projects that convert used medium-duty gasoline and diesel vehicles to all-electric drive. Medium-duty vehicles have a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds to 26,000 pounds. To be eligible for funding under PON-13-602, the projects must also be consistent with the Energy Commission's ARFVT Investment Plan updated annually. In response to PON-13-602, the Recipient submitted application number 5, which was proposed for funding in the Energy Commission's Notice of Proposed Awards on October 17, 2013. PON-13-602 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:

Diesel trucks continue to clog California roads and disproportionately emit smog precursors and toxic particulate pollution. Medium-duty diesel trucks can have a life expectancy of up to 25 years, which is causing a lingering legacy of toxic exposures in communities throughout the state. Replacing dirty diesel motors with all-electric powertrains will give fleet owners the opportunity to realize cost savings immediately, and eliminates toxic mobile emissions for the remainder of the vehicle life.

Fleet operators in California are eager to adopt new clean technologies that will provide the performance and power needed while cutting down on fuel costs, maintenance and emissions. EVI's all-electric powertrain, coupled with the durable VT365 chassis, provides the technological solution to fill this existing demand.

Goals of the Agreement:

The goals of this agreement are to:

- Create an all-electric powertrain conversion solution for commercial fleet operators that will provide the performance and durability fleet owners have come to expect from diesel trucks, while reducing operating costs and eliminating mobile source emissions.
- Increase all-electric truck adoption and economies of scale in California and beyond.
- Reinforce positive experience for fleet operators and drivers by eliminating diesel vibrations, noise and in-cabin emission exposures and substantially improving acceleration and general performance.
- Spur public support, investment and incentives for diesel-to-electric repowers by demonstrating the benefits and low risk of repowered vehicles.

Objectives of the Agreement:

The objectives of this Agreement are to:

- Engineer and modify the all-electric EVI-WI powertrain to fit UPS's Navistar VT365 medium-duty chassis, a commonly used platform that will ensure the powertrain can be adopted by other fleet owners with little to no adjustments.
- Convert 17 Navistar VT365 trucks with pre-2007 engines into fully electric vehicles using EVI's proven powertrain and demonstrate the vehicles for 24 months.
- Eliminate at least 785,400 gallons of diesel consumption over the next 20 years.
- Reduce greenhouse gas emissions by at least 15,708,000 pounds over the next 20 years.
- Realize environmental savings by reducing PM2.5 criteria pollutants eight-fold compared to displacing a new diesel truck.
- Reduce healthcare costs by \$447,059 per repowered vehicle over its remaining life through eliminating harmful pollutants, or \$7,600,000 for all 17 repowered vehicles over the next 20 years.
- Identify and fully address technical issues of zero-emission electric truck conversions.
- Reduce end-user maintenance costs by 70% per truck per year over the next 20 years.
- Through wider adoption and economies of scale, reduce EVI powertrain costs by 30% and increase overall sales by 350% over the next two years.
- Provide 5-6 year EVI warranty on powertrain and other repower components, the same coverage EVI provides for its new vehicles.
- Develop useful guidelines for conversions, perform post-sales training for drivers and first responders, and provide the same documentation as with new vehicles, including user manuals, parts lists, training manuals and training videos.

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 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 (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)
 - 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

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 funding to complete this Agreement and to identify any needed modifications to the tasks, products, schedule or budget.

The CAM may schedule CPR meetings as necessary, and meeting costs will be borne by the Recipient.

Meeting participants include the CAM and the Recipient and may include the Energy Commission Grants Officer, the Fuels and Transportation Division (FTD) natural gas

fuel lead, 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.

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, if requested by the CAM.
- Prepare a Final Report following the latest version of the Final Report guidelines which will be provided by the CAM. The CAM shall provide written comments on the Draft Final Report within fifteen (15) working days of receipt. The Final Report must be completed at least 60 days before the end of the Agreement Term.
- Submit one bound copy of the Final Report with the final invoice.

Products:

- Outline of the Final Report, if requested
- Draft Final Report
- Final Report

Task 1.6 Identify and Obtain Matching Funds

The goal of this task is to ensure that the match funds planned for this Agreement are obtained for and applied to this Agreement during the term of this Agreement.

The costs to obtain and document match fund commitments are not reimbursable through this Agreement. Although the 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, then state such in the letter. If match funds were a part of the proposal that led to the Energy Commission awarding this Agreement, then provide in the letter a list of the match funds that identifies the:
 - Amount of each cash match fund, its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied.
 - Amount of each in-kind contribution, a description, documented market or book value, and its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Recipient shall identify its owner and provide a contact name, address and telephone number, and the address where the property is located.
- Provide a copy of the letter of commitment from an authorized representative of each source of cash match funding or in-kind contributions that these funds or contributions have been secured. For match funds provided by a grant a copy of the executed grant shall be submitted in place of a letter of commitment.
- Discuss match funds and the implications to the Agreement if they are reduced or not obtained as committed, at the kick-off meeting. If applicable, match funds will be included as a line item in the progress reports and will be a topic at CPR meetings.
- Provide the appropriate information to the 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 INTEGRATION

The goal of this task is to integrate EVI's all electric PowerTrain into the UPS chassis and to perform engineering validation testing and complete regulatory and compliance testing.

The Recipient shall:

- Modify EVI's base software platform.
- Modify mechanical design to suit new chassis configuration.

- Perform internal engineering validation testing.
- Complete full vehicle regulatory and compliance testing.

Products:

- Engineering Validation Test Report

TASK 3 TESTING

The goal of this task is to assess the durability of the repowered truck using an independent 3rd party testing facility. Using OEM proven accelerated test techniques the goal is to simulate 100,000 road miles in a period of 3 months.

The Recipient shall:

- Perform durability testing by independent third party.
- Compile and archive all test reports.
- Share testing summary with project partners.

Products:

- Durability Test Report

[CPR WILL BE HELD IN THIS TASK. See Task 1.2 for details]

Task 4 PRODUCTION

The goal of this task is to repower the awarded number of vehicles from diesel to electric. Production will begin with a small pilot to verify production process and operator training followed by steady state production until all awarded units are repowered.

The Recipient shall:

- Repower the awarded quantity of vehicles.
- Prepare production line documentation and quality plan.
- Identify diesel engine disposal partner (per DERA requirements).
- Build pilot units.
- Prepare pilot report.
- Update production line documentation.
- Repower production.

Products:

- Pilot Production Report
- Production Report

Task 5 DEMONSTRATION, DATA COLLECTION, ANALYSIS, AND REPORTING

The goal of this task is to demonstrate the repowered vehicle in real-world, on-the-road conditions for two years, with the intent of gathering performance, operational, and durability data for the California Air Resources Board, and to include the data and analysis in the Final Report.

The Recipient shall:

- Place the repowered vehicles into service and demonstrate the vehicles in routine UPS operations in targeted non-attainment areas for 24 months.
- Troubleshoot any issues identified.
- Maintain a data collection system and data logs for that time
- Maintain and provide service for the vehicles as needed during that time.
- Collect the following data and maintain data logs on:
 - Vehicle performance data for all vehicles during operation for the 24 month period.
 - Maintenance and service for all vehicles during operation for the 24 month period.
 - Driver surveys and opinions.
- Identify specific jobs and economic development resulting from this project.
- Compare any project performance and expectations provided in the proposal to Energy Commission with actual project performance and accomplishments.
- Prepare quarterly reports on the performance and durability of the vehicles during the on-road demonstration period.
- Prepare Final Report including data and analysis, specific jobs and economic development resulting from the project, any driver/service technician/emergency responder training conducted, and comparisons of actual performance with expected performance.

Products:

- Training Materials
- Performance data log
- Service data log
- Driver opinion surveys
- Quarterly reports
- Final Report

[CPR WILL BE HELD IN THIS TASK. See Task 1.2 for details]

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ELECTRIC VEHICLES INTERNATIONAL, LLC

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-14-006 from PON-13-602 with **Electric Vehicles International, LLC** for a **\$1,653,000** grant to repower United Parcel Service pre-2007 medium-duty delivery vehicles to all-electric powertrains and demonstrate their performance in on-road demonstrations for 24 months; 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