

New Agreement ARV-13-044 (To be completed by CGL Office)

Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Michelle Tessier	27	916-653-9662

Recipient's Legal Name	Federal ID Number
CALSTART, Inc.	95-4375022

Title of Project
The Disneyland Resort Destination EV Charging Project

Term and Amount	Start Date	End Date	Amount
	6 / 30 / 2014	12 / 31 / 2016	\$ 495,770

Business Meeting Information

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

Proposed Business Meeting Date	6 / 18 / 2014	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Lindsee Tanimoto	Time Needed:	5 minutes

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

Agenda Item Subject and Description

Possible approval of Agreement ARV-13-044 with CALSTART, Inc. for a \$495,770 grant to install up to 38 Level-2, dual-port ChargePoint CT 4021 charging stations in up to 7 highly visible locations throughout the Disneyland Resort in Anaheim, California.

California Environmental Quality Act (CEQA) Compliance

- 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 .
 - 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 14 CCR: Sections 15301, 15303, and 15304. section number:
 - Common Sense Exemption. 14 CCR 15061 (b) (3)
 - Explain reason why Agreement is exempt under the above section:
 - 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 may be required to bring power from local sources to proposed charging stations. Thus, the project consists of minor alteration of existing facilities and/or mechanical equipment involving negligible or no expansion of use beyond that existing; including replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity and/or minor alterations to land, including minor trenching and backfilling where surface is restored.
 - b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)
- Check all that apply
- | | |
|---|---|
| <input type="checkbox"/> Initial Study | <input type="checkbox"/> Environmental Impact Report |
| <input type="checkbox"/> Negative Declaration | <input type="checkbox"/> Statement of Overriding Considerations |
| <input type="checkbox"/> Mitigated Negative Declaration | |

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

Legal Company Name:	Budget
Clean Fuel Connections	\$ 413,930
	\$ 0
	\$ 0

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

Legal Company Name:
Disneyland Resort
ChargePoint

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION



Budget Information			
Funding Source	Funding Year of Appropriation	Budget List No.	Amount
Funding Source	12/13	601-118E	\$495,770.00
Funding Source			\$
R&D Program Area:	Select Program Area	TOTAL:	\$ 0
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

Recipient's Administrator/ Officer				Recipient's Project Manager			
Name:	Fred Silver			Name:	Dr. Jasna Tomic		
Address:	48 S Chester Ave.			Address:	48 S Chester Ave.		
City, State, Zip:	Pasadena, CA 91106			City, State, Zip:	Pasadena, CA 91106		
Phone:	626-744-5687	Fax:	626-744-5610	Phone:	626-744-5695	Fax:	626-744-5610
E-Mail:	fsilver@calstart.org			E-Mail:	jtomic@calstart.org		

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 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 Meeting	Task Name
1		Administration
2		Project Coordination & Design
3	X	Installation
4		Pricing and Maintenance
5		Data Collection and Analysis

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Jasna Tomić, Jean-Baptiste Gallo —CALSTART		
2	Enid Joffe—CFCI	Clean Fuel Connection, Inc. (CFCI)	Disneyland Resort
3	Enid Joffe—CFCI	CFCI	Disneyland Resort
4	Enid Joffe—CFCI	CFCI	Disneyland Resort
5	Jasna Tomić, Jean-Baptiste Gallo—CALSTART		Disneyland Resort ChargePoint

GLOSSARY

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

Term/ Acronym	Definition
ARFVT	Alternative and Renewable Vehicle and Technology
ADA	Americans with Disabilities Act
CAM	Commission Agreement Manager
CPR	Critical Project Review
Energy Commission	California Energy Commission
EVSE	Electric Vehicle Supply Equipment
FTD	Fuels and Transportation Division
GHG	Greenhouse Gas
PEV	Plug-in Electric Vehicle
Recipient	CALSTART

BACKGROUND

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). The statute authorizes the California Energy Commission (Energy Commission) to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the ARFVTP through January 1, 2024, and specifies that the Energy Commission allocate up to \$20 million per year (or up to 20 percent of each fiscal year's funds) in funding for hydrogen station development until at least 100 stations are operational. The Energy Commission has an annual program budget of approximately \$100 million and provides financial support for projects that:

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

The Energy Commission issued solicitation PON-13-606 to fund electric vehicle charging infrastructure in several categories that will support growth of electric vehicles as a conventional method of transportation and adoption of plug-in electric vehicles over a wide range of California's population and socio-economic classes. To be eligible for funding under PON-13-606, the projects must also be consistent with the Energy Commission's ARFVT Investment Plan updated annually. In response to PON-13-606, the Recipient submitted application number 30, which was proposed for funding in the Energy Commission's Notice of Proposed Awards on April 4, 2014. PON-13-606, Recipient's application, and the Notice of Proposed Award for PON-13-606 are all incorporated by reference to this Agreement in its 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 state of California, as well as the federal government, has recognized the importance of plug-in electric vehicles (PEV) in reducing greenhouse gas (GHG) emissions and our dependence on petroleum-based fuels. To that end, both the state and federal government are investing in building out the infrastructure in California to support the market rollout and adoption of PEVs. A widely available PEV charging infrastructure will help support a rapidly growing PEV market. In fact, after residential charging, the “charging pyramid” identifies entertainment destinations as one of the prime location types for charging infrastructure.

One of the most important strategies encouraging the widespread adoption of PEVs by the general public is the deployment of an extensive charging infrastructure, particularly in high-visibility destination sites, such as Disneyland. As mentioned in PON-13-606, expanding the number of electric vehicle charging sites allows electric vehicles to be used in place of conventional vehicles by encouraging the most electric vehicle miles of travel possible. Additionally, the presence of charging sites at common destinations can help demonstrate the viability of electric vehicles to prospective buyers.

Goals of the Agreement

The goal of this project is to grow the charging network by installing “destination” charging stations at numerous public parking lots at the Disneyland Resort in Anaheim, California and to monitor and evaluate the usage of chargers at the Disneyland Resort in an effort to better understand time of charger use and pricing effects and to inform industry best practices.

Objectives of the Agreement

The objectives of this project are:

- Installation of up to 38 Electric Vehicle Supply Equipment (EVSE) dual-port charging stations in up to 7 distinct Disney sites.
- Reduction of GHG emissions.
- Displacement of up to 70,549 gallons of gasoline per year.
- Reduction of oxides of nitrogen.

TASK 1 ADMINISTRATION

Task 1.1 Attend Kick-off Meeting

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement. The Commission Agreement Manager (CAM) shall designate the date and location of this meeting and provide an agenda to the Recipient prior to the meeting.

The Recipient shall:

- Attend a “Kick-Off” meeting with the CAM, the Grants Officer, and a representative of the Accounting Office. The Recipient shall bring its Project Manager, Agreement Administrator, Accounting Officer, and others designated by the CAM to this meeting.

- Discuss the following administrative and technical aspects of this Agreement:
 - Agreement Terms and Conditions
 - Critical Project Review (Task 1.2)
 - Match fund documentation (Task 1.6) No reimbursable work may be done until this documentation is in place.
 - Permit documentation (Task 1.7)
 - Subcontracts needed to carry out project (Task 1.8)
 - The CAM's expectations for accomplishing tasks described in the Scope of Work
 - An updated Schedule of Products and Due Dates
 - Monthly Progress Reports (Task 1.4)
 - Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
 - Final Report (Task 1.5)

Recipient's Products:

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

CAM's Product:

- Kick-Off Meeting Agenda

Task 1.2 Critical Project Review (CPR) Meetings

CPRs provide the opportunity for frank discussions between the Energy Commission and the Recipient. The goal of this task is to determine if the project should continue to receive Energy Commission 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 Commission Grants Officer, the Fuels and Transportation Division (FTD) electric 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 and submit a schedule for providing the written determination described below.
- Determine whether to continue the project, and if continuing, whether or not modifications are needed to the tasks, schedule, products, and/or budget for the remainder of the Agreement. Modifications to the Agreement may require a formal amendment (please see section 8 of the Terms and Conditions). If the CAM concludes that satisfactory progress is not being made, this conclusion 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 and submit a CPR Report for each CPR that discusses the progress of the Agreement toward achieving its goals and objectives. This report shall include recommendations and conclusions regarding continued work of the projects. This report shall be submitted along with any other products identified in this scope of work. The Recipient shall submit these documents to the CAM and any other designated reviewers at least 15 working days in advance of each CPR meeting.
- Present the required information at each CPR meeting and participate in a discussion about the Agreement.

CAM's Products:

- Agenda and a list of expected participants
- Schedule for written determination
- Written determination

Recipient's 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 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 and submit a schedule for completing the closeout activities for this Agreement.

Recipient's Products:

- Written documentation of meeting agreements
- Schedule for completing closeout activities

Task 1.4 Monthly Progress Reports

The goal of this task is to periodically verify that satisfactory and continued progress is made towards achieving the objectives of this Agreement on time and within budget.

The objectives of this task are to summarize activities performed during the reporting period, to identify activities planned for the next reporting period, to identify issues that may affect performance and expenditures, and to form the basis for determining whether invoices are consistent with work performed.

The Recipient shall:

- Prepare and submit a Monthly Progress Report which summarizes all Agreement activities conducted by the Recipient for the reporting period, including an assessment of the ability to complete the Agreement within the current budget and any anticipated cost overruns. Each progress report is due to the CAM within 10 days of the end of the reporting period. The recommended specifications for each progress report are contained in Section 6 of the Terms and Conditions of this Agreement.
- In the first Monthly Progress Report and first invoice, document and verify match expenditures and provide a synopsis of project progress, if match funds have been expended or if work funded with match share has occurred after the notice of proposed award but before execution of the grant agreement. If no match funds have been expended or if no work funded with match share has occurred before execution, then state this in the report. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.

Recipient's Product:

- Monthly Progress Reports

Task 1.5 Final Report

The goal of the Final Report is to assess the project's success in achieving the Agreement's goals and objectives, advancing science and technology, and providing energy-related and other benefits to California.

The objectives of the Final Report are to clearly and completely describe the project's purpose, approach, activities performed, results, and advancements in science and technology; to present a public assessment of the success of the project as measured by the degree to which goals and objectives were achieved; to make insightful observations based on results obtained; to draw conclusions; and to make recommendations for further projects and improvements to the 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 and submit an Outline of the Final Report, if requested by the CAM.
- Prepare and submit 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.

Recipient's 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 and submit 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. 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.

Recipient's Products:

- A letter regarding match funds or stating that no match funds are provided
- Copy(ies) of each match fund commitment letter(s) (if applicable)
- Letter(s) for new match funds (if applicable)
- Letter that match funds were reduced (if applicable)

Task 1.7 Identify and Obtain Required Permits

The goal of this task is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track.

Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement. Although the Energy Commission budget for this task 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 and submit a letter documenting the permits required to conduct this Agreement and submit it to the CAM at least 2 working days prior to the kick-off meeting. If there are no permits required at the start of this Agreement, then state such in the letter. If it is known at the beginning of the Agreement that permits 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.

Recipient's Products:

- Letter documenting the permits or stating that no permits are required
- A copy of each approved permit (if applicable)
- Updated list of permits as they change during the term of the Agreement (if applicable)
- Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)
- A copy of each final approved permit (if applicable)

Task 1.8 Obtain and Execute Subcontracts

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

Recipient's Products:

- Draft subcontracts
- Final subcontracts

TECHNICAL TASKS

TASK 2 EQUIPMENT PROCUREMENT

The goal of this task is to finalize the project design for the following 7 charging station installation sites, determine all necessary parts, tools and, equipment, and procure the required electric vehicle charging equipment and schedule delivery of equipment to each site. The 7 potential charging station sites identified as of the commencement date of this grant agreement are:

1. **Mickey & Friends Parking Structure (1313 Disneyland Dr., Anaheim, Ca. 92802)**
2. **Disneyland Hotel (1150 Magic Way, Anaheim, Ca. 92802)**
3. **Downtown Disney District (1580 S Disneyland Dr., Anaheim, Ca. 92802)**
4. **Disney's Grand California Hotel & Spa (1600 Disneyland Dr., Anaheim, Ca. 92802)**
5. **Disney's Paradise Pier Hotel (1717 Disneyland Dr., Anaheim, Ca. 92802)**
6. **Simba Parking Lot (1717 S Disneyland Dr., Anaheim, Ca. 92802)**
7. **Toy Story Parking Lot (1854 S. Harbor Blvd., Anaheim, Ca. 92802)**

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

The Recipient shall:

- Perform site visits of all 7 installation sites.
- Develop the final list of equipment needed for the project and place an order for all equipment and parts needed to install the electric vehicle charging stations at each of the 7 locations
- Draft and finalize the project design for each location
- Develop an installation schedule for the order of installations for each location.

Products:

- Copies of completed equipment and parts order forms
- Final project designs for each of the 7 locations
- Installation schedule for each of the 7 locations

TASK 3 INSTALLATION

The goal of this task is to install up to 38 Level-2 charging stations in up to 7 separate sites within the project area.

The Recipient shall:

- Utilize site drawings and installation plans for each charging station location to procure site-specific charging stations.
- Prepare and submit charging site locations by pouring concrete pads in each proposed charging site location and performing any required trenching from the electrical panels to the charger locations.
- Schedule delivery of charging systems to installation sites.
- Install EVSE that meet the following specifications:
 - Networked Level 2 EVSE with J1772 connectors and up to 6.6 kWh charge rates.
 - Sited and provisioned for public use in safe locations with 24/7 access, adequate lighting, shelter, signage, and ADA access.
 - Fully funded two-year maintenance plan in place and site host commitment to maintain charger in following years.
 - Credit card payment access.
 - Open standard protocol in place or option to revert to open standards.
 - Plan to optimize use of equipment.
 - Conformity with regional PEV Readiness Plan recommendations.
- Provide provisioning service to finalize station setup after physical install.
- Prepare and submit written training materials.
- Provide training to site hosts.
- Provide written notification of intent to operate.

Recipient's Products:

- Photos of installed chargers
- Written notification of intent to operate
- Written training materials

TASK 4 PRICING AND MAINTENANCE

The goal of this task is to develop pricing policies and a maintenance plan for the proposed charging stations.

The Recipient shall:

- Develop operation and maintenance plans for 7 sites.
- Formulate and execute pricing policies for stations.
- Examine payment structure and how it can change over time.
- Develop charging station usage plans, including appropriate provision for open standard protocols.
- Establish and implement pricing policies.
- Gather data for use in monthly progress reports.

Recipient's Products:

- Operation and maintenance plans
- Pricing policies
- Charging station usage plans

Task 5 DATA COLLECTION AND ANALYSIS**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.
- Identify any current or planned use of renewable energy at the facility.
- Provide data on potential job creation, economic development, and increased state revenue as a result of expected future expansion.
- Provide a quantified estimate of the project's carbon intensity values for life-cycle greenhouse gas emissions.
- Compare any project performance and expectations provided in the proposal to Energy Commission with actual project performance and accomplishments.
- Collect data, information, and analysis described above and include in the Final Report.

Recipient's Product:

- Data collection information and analysis 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	2 days before Kickoff
		Updated List of Match Funds	2 days before Kickoff
		Updated List of Permits	2 days before Kickoff
		Kick-Off Meeting Agenda (CEC)	2 days before Kickoff
1.2	Critical Project Review Meetings 1st CPR Meeting	CPR Report	12/31/2014
		Written determination (CEC)	TBD Energy Commission
1.3	Final Meeting	Written documentation of meeting agreements	10/16/2016
		Schedule for completing closeout activities	10/16/2016
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	7/29/2016
		Draft Final Report (no less than 60 days before the end term of the agreement)	8/31/2016
		Final Report	9/30/2016
1.6	Identify and Obtain Match Funds	A letter regarding match funds or stating that no match funds are provided	2 days before Kickoff
		Copy(ies) of each match fund commitment letter(s) (if applicable)	2 days before Kickoff
		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 no permits are required	2 days before Kickoff
		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	2 days before Kickoff
	Draft subcontracts	15 days prior to the scheduled execution date
	Final subcontracts	Within 10 days of execution
2 Equipment Procurement	Copies of completed equipment and parts order forms	9/30/2014
	Final project designs for each of the 7 locations	9/30/2014
	Installation schedule for each of the 7 locations	9/30/2014
3 Installation	Photos of installed chargers	12/31/2014
	Written notification of intent to operate	12/31/2014
	Written training materials	12/31/2014
4 Pricing and Maintenance	Operation and maintenance plans	1/30/2015
	Pricing policies	Ongoing starting 2/1/15
	Charging station usage plans	2/12/2015
5 Data Collection and Analysis		
		N/A

**STATE OF CALIFORNIA
STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION REGARDING: GRANT AWARD
to
CALSTART, INC. UNDER PON-13-606

WHEREAS CALSTART, Inc. has applied to the State Energy Resources Conservation and Development Commission (Energy Commission) for a grant under PON-13-606 to install up to 38 Level-2, dual-port charging stations at seven highly visible locations throughout the Disneyland Resort in Anaheim in the South Coast Air Basin; and

WHEREAS the installation of electric vehicle charging stations at numerous public parking lots at the Disneyland Resort in Anaheim, California and to monitor and evaluate the usage of chargers at the Disneyland Resort in an effort to better understand time of charger use and pricing effects and to inform industry best practices.

WHEREAS the Energy Commission has reviewed the proposed project and finds that the project consists of minor alteration of existing facilities and/or mechanical equipment involving negligible or no expansion of use beyond that existing; including replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity and/or minor alterations to land, including minor trenching and backfilling where surface is restored. 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 may be required to bring power from local sources to the proposed electric vehicle chargers; and

WHEREAS the Energy Commission finds that the project is exempt from the California Environmental Quality Act, within the meaning of the categorical exemptions set forth in California Code of Regulations, Title 14, Chapter 3, Sections 15301 (Existing Facilities), 15303 (New Construction or Conversion of Small Structures), and 15304 (Minor Alterations to Land);

THEREFORE BE IT RESOLVED that Energy Commission approves **Grant Award # ARV-13-044** with CALSTART, Inc., for **\$495,770**, with the accompanying grant agreement to deploy destination charging for electric vehicles at the proposed parking lot locations.

BE IT FURTHER RESOLVED that this document authorizes the Executive Director or his/her designee to execute the grant agreement 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 June 18, 2014:

AYE: [*List Commissioners*]

NAY: [*List Commissioners*]

ABSENT: [*List Commissioners*]

ABSTAIN: [*List Commissioners*]

Harriet Kallemeyn,
Secretariat