



STATE OF CALIFORNIA

**GRANT REQUEST FORM (GRF)**

CEC-270 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

**A) New Agreement # ZVI-22-003 (to be completed by CGL office)**

B) Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Anita Carraher	6	916-477-1564

C) Recipient's Legal Name	Federal ID #
AMPLY Power, Inc.	82-5489667

D) Title of Project
Robust Airport Charging for Electric Ride Hail Fleets "RACER" Project

**E) Term and Amount**

Start Date	End Date	Amount
7 / 13 / 2022	6 / 28 / 2024	\$ 2,000,000

**F) Business Meeting Information**

- ☐ ARFVTP agreements \$75K and under delegated to Executive Director  
Proposed Business Meeting Date 7 / 13 / 2022 ☐ Consent ☒ Discussion  
Business Meeting Presenter Madison Jarvis Time Needed: 5 minutes  
Please select one list serve. Altfuels (AB118- ARFVTP)

**Agenda Item Subject and Description:**

AMPLY POWER, INC. Proposed resolution approving Agreement ZVI-22-003 with AMPLY Power, Inc. for a \$2,000,000 grant to install and provide DCFC equipment capable of supporting 48 EV simultaneously at one charging site exclusively for use by ride-hail and taxi fleets servicing Los Angeles International Airport, and adopting staff's determination that this action is exempt from CEQA. (General Fund Funding) Contact: Anita Carraher (Staff Presentation: 5 minutes)

**G) California Environmental Quality Act (CEQA) Compliance**

1. Is Agreement considered a "Project" under CEQA?  
☒ Yes (skip to question 2) ☐ No (complete the following (PRC 21065 and 14 CCR 15378)):

Explain why Agreement is not considered a "Project":

Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .

2. If Agreement is considered a "Project" under CEQA:

- a) ☐ Agreement **IS** exempt.  
☐ Statutory Exemption. List PRC and/or CCR section number:  
☒ Categorical Exemption. List CCR section number: Cal. Code Regs., tit. 14, sec. 15301 provides that projects which consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, and which involve negligible or no expansion of use beyond that existing at the time of the lead agency's determination, are categorically exempt from the provisions of the California Environmental Quality Act. This project involves the installation of

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approximately 48 electric vehicle chargers, and supporting hardware, housed within approximately 6 shipping containers, at an existing paved parking lot. The containers will be installed on the parking lot, connected to existing electrical panels also located within the existing lot, and will involve negligible or no expansion of use. Therefore, the project falls within section 15301 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sec. 15303 provides that projects which consist of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure, are categorically exempt from the provisions of CEQA. This project consists of installation of approximately 6, 20' shipping containers pre-fabricated with electric vehicle charging equipment installed inside each container. There will be a total of approximately 48 charging stations inside all of the containers. The overall dimensions are approximately 278' x 66'. Therefore, the project falls within section 15303 and will not have a significant effect on the environment.

Cal. Code Regs., tit. 14, sect. 15304 provides that projects which consist of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry and agricultural purposes are categorically exempt from the provisions of CEQA. In this project, minor trenching may be necessary to lay two-inch conduit from the existing electrical panel to the charging equipment, totaling approximately 2 cubic feet per foot of distance from the electrical panel, to connect the proposed new electric vehicle charging station equipment to an existing electrical supply panel. The trenching will take place on currently paved ground, will not involve the removal of any trees, and surface will be restored. Therefore, the project falls within section 15304 and will not have a significant effect on the environment.

The project will not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies; does not involve any cumulative impacts of successive projects of the same type in the same place that might be considered significant; does not involve unusual circumstances that might have a significant effect on the environment; will not result in damage to scenic resources within a highway officially designated as a state scenic highway; the project site is not included on any list compiled pursuant to Government Code section 65962.5; and the project will not cause a substantial adverse change in the significance of a historical resource. Therefore, none of the exceptions to categorical exemptions listed in CEQA Guidelines section 15300.2 apply to this project and this project will not have a significant effect on the environment.

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

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

Check all that apply

☐ Initial Study



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- ☐ Negative Declaration
- ☐ Mitigated Negative Declaration
- ☐ Environmental Impact Report
- ☐ Statement of Overriding Considerations

**H) List all subcontractors (major and minor) and equipment vendors, including those listed in the grant application: (attach additional sheets as necessary)**

<b>Legal Company Name:</b>	<b>Budget</b>
Design Engineering Sub-Contractor – To Be Determined	\$ 70,000
Installation Sub-Contractor – To Be Determined	\$ 568,674
Los Angeles Department of Water and Power(LADWP)	\$ 1,000,000
LA Cleantech Incubator (LACI)	\$ 35,000
Breathe Southern California (Breathe SoCal)	\$ 85,000

**I) List all key partners, including those listed in the grant application: (attach additional sheets as necessary)**

<b>Legal Company Name:</b>
LA Cleantech Incubator (LACI)
Breathe Southern California (Breathe SoCal)
Uber
Lyft
Los Angeles World Airports (LAWA)
City of Los Angeles
Site Owner - To Be Determined

**J) Budget Information**

<b>Funding Source</b>	<b>Funding Year of Appropriation</b>	<b>Budget List Number</b>	<b>Amount</b>
Other	FY 21/22	601.129ZEV	\$2,000,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&amp;D Program Area: Select Program Area TOTAL: \$2,000,000

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

**K) Recipient's Contact Information****1. Recipient's Administrator/Officer**

Name: Rosalyn Jeffries

Address: 335 E. Middlefield Road

City, State, Zip: Mountain View, CA 94043

Phone: (650)542-9597

E-Mail: rjeffries@amplypower.com

**2. Recipient's Project Manager**

Name: Luke Clause

Address: 335 E. Middlefield Road

City, State, Zip: Mountain View, CA 94043

Phone: (408)375-9662

E-Mail: lclause@amplypower.com



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**L) Selection Process Used**

- ☒ Competitive Solicitation      Solicitation #: GFO-21-601
- ☐ First Come First Served Solicitation      Solicitation #:      -      -

**M) 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 |

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**Agreement Manager**

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**Date**

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**Office Manager**

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**Date**

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**Deputy Director**

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**Date**

## Exhibit A SCOPE OF WORK

### TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2		Site Selection and Preparation
3	X	Electric Vehicle Charging Station Installation
4		Stakeholder Engagement and Outreach
5		Data Collection and Analysis
6		Project Fact Sheet

### KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Simon Lonsdale, AMPLY Idine Ghoreishian, AMPLY Rosalyn Jeffries, AMPLY	N/A	N/A
2	Hunter Ploch, AMPLY Idine Ghoreishian, AMPLY Luke Clause, AMPLY Tosh Cero, AMPLY	<i>TBD Design Engineering Subcontractor</i>	LAWA Uber, Lyft City of Los Angeles LADWP
3	Luke Clause, AMPLY Tosh Cero, AMPLY Hunter Ploch, AMPLY	<i>TBD Installation Subcontractor</i>	LADWP LAWA Uber, Lyft
4	Lexi Wiley, AMPLY Meg Dinga, AMPLY Idine Ghoreishian, AMPLY	Breathe SoCal LACI	Uber, Lyft
5	Harry Lam, AMPLY	LACI	N/A
6	Harry Lam, AMPLY	LACI	Uber, Lyft

### GLOSSARY

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

<b>Term/ Acronym</b>	<b>Definition</b>
CAM	Commission Agreement Manager
CAO	Commission Agreement Officer
CEC	California Energy Commission
CTP	Clean Transportation Program
CPR	Critical Project Review
FTD	Fuels and Transportation Division
Recipient	AMPLY Power, Inc. (AMPLY)
AHJ	Authority having Jurisdiction
Breathe SoCal	Breathe Southern California
CBO	Community-based Organization
DCFC	Direct Current Fast Chargers
EV	Electric Vehicles
EVSE	Electric Vehicle Supply Equipment
LA	Los Angeles
LAWA	Los Angeles World Airports
LADWP	Los Angeles Department of Water and Power
LACI	LA Cleantech Incubator
LAX	Los Angeles International Airport
Lyft	Lyft, Inc.
MW	Megawatts
kW	kilowatt
SOW	Scope of Work
TNC	Transportation Network Companies
Uber	Uber Technologies, Inc.

## **Background**

The Budget Act of 2021 (AB 128, Ting, Chapter 21, Statutes of 2021, as amended by Senate Bill (SB) 129, Skinner, Chapter 69, Statutes of 2021 and SB 170, Skinner, Chapter 240, Statutes of 2021) appropriated \$785,000,000 from the General Fund to support infrastructure deployments and manufacturing projects for zero-emission light-duty and medium- and heavy-duty vehicles.

On August 31, 2021, the California Energy Commission (CEC) released a Grant Funding Opportunity entitled "Charging Access for Reliable On-Demand Transportation Services (CARTS)." This competitive grant solicitation was to support electric vehicle (EV) charging infrastructure for high mileage on-demand transportation services including services such as ride-hailing, taxis, and meal or grocery delivery. In response to GFO-21-601, the Recipient submitted application #4 which was proposed for funding in the CEC's Notice of Proposed Awards on February 14, 2022. GFO-21-601 and Recipient's 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 CEC's Award, CEC'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 lack of dedicated charging hubs near high-density, ride-hail spaces leads to transportation network company (TNC) drivers not wanting to use electric vehicles (EV) until charging is more widely available. EV drivers must go out of their way to charge which can lead to congestion at chargers. Electrifying high-mileage, ride-hail fleets must be a priority as these vehicles drive three times the distance of an average driver.

### **Goals of the Agreement:**

The goal of this agreement is to support the electrification of ride-hail and taxi fleets through the deployment and operation of a cost-effective Fleet Charging Hub.

### **Objectives of the Agreement:**

The objective of this agreement is to install and provide direct current fast charging equipment capable of supporting 48 electric vehicles simultaneously at one charging site exclusively for use by ride-hail and taxi fleets servicing Los Angeles International Airport (LAX).

## **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 Commission Agreement Officer (CAO), and a representative of the CEC Accounting Office. The Recipient shall bring their Project Manager, Agreement Administrator, Accounting Officer, and any others determined necessary by the Recipient or specifically requested by the CAM to this meeting.

- Provide a written statement of project activities that have occurred after the notice of proposed awards but prior to the execution of the agreement using match funds. If none, provide a statement that no work has been completed using match funds prior to the execution of the agreement. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.
- Discuss the following administrative and technical aspects of this Agreement:
  - Agreement Terms and Conditions
  - Critical Project Review (Task 1.2)
  - Match fund documentation (Task 1.7) No reimbursable work may be done until this documentation is in place.
  - Permit documentation (Task 1.8)
  - Subawards needed to carry out project (Task 1.9)
  - The CAM's expectations for accomplishing tasks described in the Scope of Work
  - An updated Schedule of Products and Due Dates
  - Monthly Calls (Task 1.4)
  - Quarterly Progress Reports (Task 1.5)
  - Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
  - Final Report (Task 1.6)

**Recipient Products:**

- Updated Schedule of Products
- Updated List of Match Funds
- Updated List of Permits
- Written Statement of Match Share Activities

**Commission Agreement Manager Product:**

- Kick-Off Meeting Agenda

**Task 1.2 Critical Project Review (CPR) Meetings**

CPRs provide the opportunity for frank discussions between the CEC and the Recipient. The goal of this task is to determine if the project should continue to receive CEC 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 CAO, the Fuels and Transportation Division (FTD) program lead, other CEC staff and Management as well as other individuals selected by the CAM to provide support to the CEC.



**The CAM shall:**

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the CEC, but they may take place at another location or remotely.
- 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 CEC 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 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 about the following Agreement closeout items:

- What to do with any equipment purchased with CEC funds (Options)
- CEC 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 Calls**

The goal of this task is to have calls at least monthly between CAM and Recipient to 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 verbally 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, to verify match funds are being proportionally spent concurrently or in advance of CEC funds or are being spent in accordance with an approved Match Funding Spending Plan, to form the basis for determining whether invoices are consistent with work performed, and to answer any other questions from the CAM. Monthly calls might not be held on those months when a quarterly progress report is submitted, or the CAM determines that a monthly call is unnecessary.

**The CAM shall:**

- Schedule monthly calls.
- Provide questions to the Recipient prior to the monthly call.
- Provide call summary notes to Recipient of items discussed during call.

**The Recipient shall:**

- Review the questions provided by CAM prior to the monthly call
- Provide verbal answers to the CAM during the call.

**Product:**

- Email to CAM concurring with call summary notes.

**Task 1.5 Quarterly 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 Quarterly 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. Progress reports are due to the CAM the 10<sup>th</sup> day of each January, April, July, and October. The Quarterly Progress Report template can be found on the ECAMS Resources webpage available at <https://www.energy.ca.gov/media/4691>.

**Product:**

- Quarterly Progress Reports

**Task 1.6 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 CEC 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.

In addition to any other applicable requirements, the Final Report must comply with the Americans with Disabilities Act (ADA) of 1990 (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability; all applicable regulations and guidelines issued pursuant to the ADA; Cal. Gov. Code sects. 7405 and 11135; and Web Content Accessibility Guidelines 2.0, or a subsequent version, as published by the Web Accessibility Initiative of the World Wide Web Consortium at a minimum Level AA success criteria.

**The Recipient shall:**

- Prepare an Outline of the Final Report, if requested by the CAM.

- Prepare a Final Report complying with ADA requirements and 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 1.7 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 CEC budget for this task will be zero dollars, the Recipient may utilize match funds for this task. 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 CEC 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 CEC 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 1.8 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 CEC budget for this task will be zero dollars, the Recipient may 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)
- A copy of each final approved permit (if applicable)

**Task 1.9 Obtain and Execute Subawards**

The goal of this task is to ensure quality products and to procure subrecipients 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.

**The Recipient shall:**

- Manage and coordinate subrecipient activities.
- If requested by the CAM, submit a draft of each subaward required to conduct the work under this Agreement to the CAM for review.
- If requested by the CAM, submit a final copy of the executed subaward.
- If Recipient intends to add new subrecipients or change subrecipients, then the Recipient shall notify the CAM.

**Products:**

- Letter describing the subawards needed, or stating that no subawards are required
- Draft subcontracts (if requested)
- Final subcontracts (if requested)

**TECHNICAL TASKS**

**TASK 2 SITE SELECTION AND PREPARATION**

The goal of this task is to select one suitable location for the proposed EV charging station installation.

**The Recipient shall:**

- Conduct site planning activities.
  - Coordinate planning activities with appropriate site personnel.
  - Select at least one location capable of deploying containerized DCFC chargers that will provide charging for a minimum of 48 vehicles simultaneously.

- Prepare surveys, studies, and designs for the selected site.
  - Prepare site maps and design project details, including complete schematics on the EV charging station site and electrical design, including any new utility service requirements.
  - Prepare and submit final site maps and design information, including electrical design, required for the EV charging station site.
- Prepare the site for installation of the system and ensure all pre-construction tasks are in order.

**Products:**

- Final site maps and design information for EV charging station site

### **TASK 3 ELECTRIC VEHICLE CHARGING STATION INSTALLATION**

The goal of this task is to install containerized DCFCs capable of charging a minimum of 48 EVs simultaneously and other support equipment at the selected site.

**The Recipient shall:**

- Install, test, commission, and operate containerized DCFCs at the selected site in accordance with the submitted design from Task 2 and in a configuration capable of supporting 48 EVs simultaneously.
  - Engage site host and potential charger users to ensure the best configuration of chargers.
- Ensure site installation is performed by a licensed contractor in accordance with all applicable codes, permitting, and licensing requirements set by relevant AHJs.
- Submit an AB 841 Certification that certifies the project has complied with all AB 841 (2020) requirements specified in Exhibit C or describes why the AB 841 requirements do not apply to the project. The certification shall be signed by Recipient's authorized representative.
- Submit Electric Vehicle Infrastructure Training Program (EVITP) Certification Numbers of each EVITP certified electrician that installed electric vehicle charging infrastructure or equipment. EVITP Certification Numbers are not required to be submitted if AB 841 requirements do not apply to the project.
- Ensure continued operation, monitoring, and maintenance of the chargers in service for the remainder of the project, in coordination with LAWA, utility providers, and other stakeholders.
- Coordinate the placement of directional and/or on-site signage to the stations.
- Prepare and submit summary report of site installations, including photos of operational site and installed signage.

**Products:**

- AB 841 Certification and EVITP Certification Numbers
- Summary report of site installations, including photos of operational site and installed signage

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

### **TASK 4 STAKEHOLDER ENGAGEMENT AND OUTREACH**

The goal of this task is to further support light-duty EV transition in communities affected by

TNC operation around LAX. Collaboration with local government and partnering TNC companies will be utilized for outreach to TNC drivers, the intended charging audience.

**The Recipient shall:**

- Coordinate the project through stakeholder engagement of Uber, Lyft, Los Angeles World Airports (LAWA), community-based organizations (CBO's) and other community partners.
  - Coordinate with BREATHE SoCal to:
    - Develop content and speakers for a panel discussion, host session, and to document concerns, barriers, and opportunities regarding AMPLY's Robust Airport Charging for Electric Ride Hail Fleets (RACER) project.
    - Develop content for presentation and lead interactive discussion about environmental impact on community.
- Prepare and submit a Community Outreach Master Plan to include the following:
  - Develop and distribute materials to educate and engage rideshare drivers on the benefits of EVs and usage of the charging infrastructure solution. Examples include, but are not limited to:
    - Email marketing campaign.
    - One-page PDF fact sheet.
    - Webinar for TNC drivers.
    - At least one Ride & Drive event.
  - Develop and distribute activities and materials to educate the community on the project and build awareness of rideshare companies' sustainability efforts and initiatives. Activities and materials shall include, but are not limited to:
    - Press Release on RACER project.
    - Ribbon Cutting Ceremony.
    - Ad campaign on social media.
    - Banner ads.
    - RACER project information and appropriate website links.
    - RACER project information and links on social media platforms.
    - Email list campaign.
    - A minimum of four informational events/meetings where the project is promoted and/or lessons are shared

**Products:**

- Community Outreach Master Plan, including copies of distributed materials

**Task 5 DATA COLLECTION AND ANALYSIS**

The goal of this task is to collect operational data from the project, to analyze that data for economic and environmental impacts, and to include the data and analysis in the Final Report and a monthly progress report for the final 12 months of the data collection period.

**The Recipient shall:**

- Collect and provide a minimum of 12 months of data on deployed charging equipment, submitted electronically each month in a Monthly Data Collection Progress Report. Data on charging events for deployed infrastructure shall include, but is not limited to:
  - Number of charging or refueling sessions



- Average charger or refueling station downtime
- Peak power delivered (kW)
- Duration of active charging, hourly
- Duration of charging session, hourly (e.g., vehicle parked but not actively charging)
- Average session duration
- Energy delivered (kWh)
- Average kWh or kg dispensed
- Types of vehicles using the charging equipment
- Applicable price to the driver or user for charging
- Payment method for public charging
- Energy delivered back to grid or facility if a bidirectional charging use case (kWh)
- Normal operating hours, up time, downtime, and explanations of variations
- Collect and provide the following data to be included in the Final Report:
  - Number, type, date and location of chargers or hydrogen refueling stations installed.
  - Nameplate capacity of the installed equipment, in kW for chargers and kg/day for hydrogen.
  - Number and type of outlets per charger.
  - Location type, such as street, parking lot, hotel, restaurant or multi-unit housing.
  - Total cost per charger or refueling station, the subsidy from the CEC per charger or refueling station, federal subsidy per charger or refueling station, utility subsidy per charger or refueling station, and privately funded share per charger or refueling station.
  - Gallons of gasoline and/or diesel fuel displaced (with associated mileage information)
  - Expected air emissions reduction, for example:
    - Non-methane hydrocarbons
    - Oxides of nitrogen
    - Particulate Matter
    - Formaldehyde
- Identify any current and planned use of renewable energy at the facility.
- Describe any energy efficiency measures used in the facility that may exceed Title 24 standards in Part 6 of the California Code Regulations.
- 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 CEC with actual project performance and accomplishments.

**Products:**

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

## **TASK 6 PROJECT FACT SHEET**

The goal of this task is to develop an initial and final project fact sheet that describes the CEC-funded project and the benefits resulting from the project for the public and key decision makers.

### **The Recipient shall:**

- Prepare an Initial Project Fact Sheet at start of the project that describes the project and the expected benefits. Use the format provided by the CAM.
- Prepare a Final Project Fact Sheet at the project's conclusion that describes the project, the actual benefits resulting from the project, and lessons learned from implementing the project. Use the format provided by the CAM.
- Provide at least (6) six High Quality Digital Photographs (minimum resolution of 1300x500 pixels in landscape ratio) of pre and post technology installation at the project sites or related project photographs.

### **Products:**

- Initial Project Fact Sheet
- Final Project Fact Sheet
- High Quality Digital Photographs

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

**RESOLUTION: AMPLY Power Inc.**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves Agreement ZVI-22-003 with AMPLY Power, Inc. for a \$2,000,000 grant. The purpose of this project is to install and provide DCFC equipment capable of supporting 48 EVs simultaneously at one charging site exclusively for use by ride-hail and taxi fleets servicing Los Angeles International Airport; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

***CERTIFICATION***

The undersigned Secretariat to the CEC 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 CEC held on July 13, 2022.

AYE:

NAY:

ABSENT:

ABSTAIN:

\_\_\_\_\_  
Liza Lopez  
Secretariat