

CONTRACT AMENDMENT REQUEST FORM (CARF)



Original Agreement #	600-16-006		1
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600 Fuels and Transportation Division	Larry Rillera	27	916-651-6178
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Trustees of the California State University, on behalf of CSU Long Beach	-
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<input checked="" type="checkbox"/> Term Extension	New End Date: 6 / 30 / 2020	Include revised schedule and complete items A, B, C, D, & H below.
<input checked="" type="checkbox"/> Budget Augmentation	Amendment Amount: \$ 150,000	Include revised budget and complete items A, B, C, D, E, F, & H below.
<input type="checkbox"/> Budget Reallocation		Include revised budget and complete items A, B, C, D, & H below.
<input checked="" type="checkbox"/> Scope of Work Revision		Include revised scope of work and complete items A, B, C, D, & H below.
<input type="checkbox"/> Change in Project Location or Demonstration Site		Include revised scope of work and complete items A, B, C, D, G, & H below.
<input type="checkbox"/> DVBE Replacement		Include revised scope of work and complete items A, B, C, D, F, & H below.
<input type="checkbox"/> Novation/Name Change of Prime Contractor/Recipient		Include novation documentation and complete items A, C, D, & H below.
<input type="checkbox"/> Terms and Conditions Modification		Include applicable exhibits with bold/underline/strikeout and complete items A, B, C, D, & H below.

Business Meeting approval is not required for the following types of Agreements:

- Operational agreement (see CAM Manual for list) to be approved by Executive Director
- Minor amendments delegated to Executive Director per December 2013 Resolution

Proposed Business Meeting Date	1 / 17 / 2018	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter		Time Needed:	minutes

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

Agenda Item Subject and Description

Proposed resolution approving Amendment 1 to Contract Agreement 600-16-006 with the Trustees of the California State University, on behalf of the Long Beach campus to expand the scope of work, augment the agreement with \$150,000, and extend the term of the agreement. This augmentation provides funds to CSU Long Beach to identify and prioritize workforce opportunities associated with the implementation of California's Sustainable Freight Action Plan, including preparing career pathway maps and developing/implementing a Freight Workforce Development Pilot Project.

- Non Competitive Bid (*Attach CEC 96*)
- Exempt Interagency

Legal Company Name:	Budget	SB	MB	DVBE
TBD	\$ 20,000.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	\$ 0.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	\$ 0.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Legal Company Name:

Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTP	16/17	600.118F	\$150,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
R&D Program Area:	Select Program Area		\$150,000
Explanation for "Other" selection			

EXHIBIT A

SCOPE OF WORK

BACKGROUND

In July 2015, Governor Brown issued Executive Order B-32-15, which provides a vision for California's transition to a more efficient, more economically competitive, and less polluting freight transport system. This transition of California's freight transport system is essential to supporting the State's economic development in coming decades while reducing harmful pollution affecting many California communities.

Improving the efficiency of California's freight transport system is vital to our State economy. Traditional routes of moving freight face increasing competition from across the globe, and California's system must anticipate and stay ahead of these changes. Currently, California is the nation's largest gateway for international trade and domestic commerce, with an interconnected system of ports, railroads, highways, and roads that allow freight from around the world to move throughout the State and nation. This system is responsible for one-third of the State's economic product and jobs, with freight-dependent industries accounting for over \$740 billion in gross domestic product and over 5 million jobs in 2014. However, California's freight transport system is under pressure to serve our growing population and satisfy dynamic market demands, while other locations in the United States and across the world are fiercely competing for this economic activity.

A skilled and nimble workforce will be one key factor in promoting California's competitiveness as firms continue to adjust to rapidly evolving markets. Expanding well-paid **trade sector** job opportunities **for State residents, including those living in disadvantaged communities**, ~~in the trade sector~~ will improve the State's overall economic health and support the transition to a sustainable freight transport system. To support these needs, the Energy Commission will partner with the Governor's Office of Business and Economic Development (GO-Biz) and California State University, Long Beach to convene workgroups with industry stakeholders and the California Workforce Development Board to identify and implement steps to ensure that the existing and future workforce meets the needs of the California sustainable freight transport system and sufficiently skilled labor is available to meet the needs of an expanding freight-related job market.

Regional Workforce Development Initiatives

This Interagency Agreement with the California State University, Long Beach (**CSU Long Beach**) will fund contract work that will result in a comprehensive plan and implementation of a demonstration project that will provide guidance for the Energy Commission's workforce training activities. Strategies will be developed that will support the goals of the California Sustainable Freight Action Plan including:

- Establishing a robust, integrated system of pre-apprenticeship pipelines and journey-level upskilling programs in mission-critical occupations in the freight industry.
- Spanning the State with a network of regional training partnerships, driven by local industries and connected to seamless supply-side coalitions of community, workforce, labor, and education partners, that can guarantee a consistent, high-quality supply of skilled labor to manufacture, build, operate, and maintain the State's zero emissions freight infrastructure.
- Aligning regional, multi-modal freight transportation plans with regional workforce initiatives.

Activities to be conducted under this agreement **shall** include:

- Participating in a Kick-Off Meeting conference call to discuss contract requirements and invoice process.
- Identifying and prioritizing workforce opportunities associated with implementation of the Sustainable Freight Action Plan.
- Mapping related skill and training requirements in mission-critical occupations across **California** transportation, construction, and manufacturing sectors.
- Developing concepts for **the development of** high-quality apprenticeship pipelines, from pre-apprenticeship to journey-level upskilling, in order to increase operational efficiency and effective technological deployment across sectors and firms.
- Advancing inclusive local economic development through **the development of concepts for** community workforce agreements, which allow more Californians to benefit from the economic as well as the health and environmental gains of sustainable freight.
- Identifying and convening **at least two** in-person working groups of freight industry and workforce experts to outline and prioritize workforce challenges associated with implementing the Sustainable Freight Action Plan. Additional virtual working groups will also be held.
- **Preparing a report identifying and prioritizing workforce opportunities associated with implementation of the Sustainable Freight Action Plan.**
- **Preparing career pathway maps for five related skill and training requirements for occupations that are critical to the development of a sustainable freight transport system in California. These occupations can include, but are not limited to the transportation, construction, and manufacturing sectors.**

- **Developing a Freight Workforce Development Pilot Project Concept Paper (Concept Paper).** The Concept Paper shall include an outline; identify diverse freight stakeholder needs both unique and common; and identify existing programs and sources of funding that will help support project implementation. CSU Long Beach will also identify up to 10 potential members for a Freight Workforce Working Group (Working Group).
- **Preparing a Pilot Project Development Plan for developing a pilot demonstration workforce project that includes: 1) a maximum one-year implementation timeframe with milestones, deliverables, and schedule; 2) identification of partners, facility's needs, and requisite activities; 3) performance metrics that are related to the development of long-term workforce investment priorities; and 4) lead implementer for each activity.**
- **Implementing a Freight Workforce Development Pilot Project (Pilot Project), which shall include, but is not limited to: implementing the Pilot Project Development Plan, convening the Working Group, developing a Working Group Charter, assessing required stakeholder partnerships, monitoring implementation, and collecting data.**

Deliverables

- Monthly progress reports
- **Report identifying and prioritizing workforce opportunities associated with implementation of the Sustainable Freight Action Plan**
- **Career pathway maps for five related skill and training requirements in mission-critical occupations across transportation, construction, and manufacturing sectors**
- **Draft version of Concept Paper**
- **Final version of Concept Paper**
- **Draft version of Pilot Project Development Plan**
- **Final version of Pilot Project Development Plan**
- A Final Report summarizing:
 - All plans and strategies developed through the workgroup meetings.
 - A detailed cost estimate for implementation of the strategies developed through this contract.
 - A detailed schedule outlining major timetable and milestones for the successful implementation of a workforce training plan.
 - **Data and results of the Freight Workforce Development Pilot Project.**
 - Guidance that can directly support the further refinement of freight workforce training activities funded through the **Alternative and Renewable Fuel and Vehicle Technology Program** ARFVTP.

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CALIFORNIA STATE UNIVERSITY LONG BEACH

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

RESOLVED, that the Energy Commission approves Amendment 1 to Contract Agreement 600-16-006 with the Trustees of the California State University, on behalf of the Long Beach campus to expand the scope of work, augment the agreement with \$150,000, and extend the term of the agreement. This augmentation provides funds to CSU Long Beach to identify and prioritize workforce opportunities associated with the implementation of California's Sustainable Freight Action Plan, including preparing career pathway maps and developing/implementing a Freight Workforce Development Pilot Project; 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 January 17, 2018.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Cody Goldthrite,
Secretariat