



CONTRACT REQUEST FORM (CRF)

A) New Agreement 600-20-006 (To be completed by CGL Office)

B) Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Sebastian Serrato	6	916-891-9151

C) Contractor's Legal Name	Federal ID Number
American Institute of Chemical Engineers Center for Hydrogen Safety	13-1623892

D) Title of Project
 Membership in the Center for Hydrogen Safety (CHS)

E) Term and Amount	Start Date	End Date	Amount
	4 / 1 / 2021	12 / 31 / 2021	\$ 50,000

F) Business Meeting Information

Operational agreement (see CAM Manual for list) to be approved by Executive Director

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

Proposed Business Meeting Date	3 / 17 / 2021	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Discussion
Business Meeting Presenter		Time Needed:	minutes

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

Agenda Item Subject and Description

CENTER FOR HYDROGEN SAFETY. Proposed resolution approving Agreement 600-20-006 with the Center for Hydrogen Safety, a technical entity of the American Institute of Chemical Engineers, for a \$50,000 contract which provides the CEC membership for eight months. Membership allows the CEC to participate in member meetings, working groups, workshops, briefings, and other events. The Center for Hydrogen Safety membership provides a forum for the CEC to collaborate with stakeholders in the fuel cell electric vehicle community. (Clean Transportation Program funding) Contact: Sebastian Serrato

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 the membership only funds the development of recommendations for policies and projects, with any demonstration projects or activities subject to separate approval.

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: _____
 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 Environmental Impact Report
 Negative Declaration Statement of Overriding Considerations
 Mitigated Negative Declaration

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

Legal Company Name:	Budget	SB	MB	DVBE
	\$ 0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	\$ 0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	\$ 0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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



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Legal Company Name:

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTP	20/21	600.118J	\$50,000
Funding Source			\$
R&D Program Area:	Select Program Area	TOTAL: \$50,000	
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

K) Contractor's Administrator/ Officer

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Darlene Schuster	Name:	Sarah Ewing
Address:	120 Wall Street	Address:	120 Wall Street
City, State, Zip: New York, NY 10005		City, State, Zip: New York, NY 10005	
Phone:	646-495-1397	Fax:	- -
E-Mail:	darls@aiche.org	E-Mail:	sarae@aiche.org

L) Selection Process Used (For amendments, address amendment exemption or NCB, do not identify solicitation type of original agreement.)

Solicitation Select Type Solicitation #: - - # of Bids: Low Bid? No Yes
 Non Competitive Bid (Attach DGS-GSPD-09-007) <https://www.dgs.ca.gov/PD/Forms>
 Exempt Membership

M) Contractor Entity Type

Private Company (including non-profits)
 CA State Agency (including UC and CSU)
 Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)

N) Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?

No Yes
 If yes, check appropriate box: SB MB DVBE

O) Civil Service Considerations

Not Applicable (Agreement is with a CA State Entity or a membership/co-sponsorship)
 Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)
 The Services Contracted:
 are not available within civil service
 cannot be performed satisfactorily by civil service employees
 are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system.
 The Services are of such an:
 urgent
 temporary, or
 occasional nature
 that the delay to implement under civil service would frustrate their very purpose.

Justification:

P) Payment Method

A. Reimbursement in arrears based on:
 Itemized Monthly Itemized Quarterly Flat Rate One-time
 B. Advanced Payment
 C. Other, explain: Membership



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Q) Retention

- 1. Is Agreement subject to retention? No Yes
- If Yes, Will retention be released prior to Agreement termination? No Yes

R) Justification of Rates

N/A

S) Disabled Veteran Business Enterprise Program (DVBE)

- 1. Exempt (Interagency/Other Government Entity)
- 2. Meets DVBE Requirements DVBE Amount: \$ 0 DVBE %: _____
 - Contractor is Certified DVBE
 - Contractor is Subcontracting with a DVBE: Name of DVBE Company
- 3. Contractor selected through CMAS or MSA with no DVBE participation.
- 4. Requesting DVBE Exemption (attach CEC 95)

T) Miscellaneous Agreement Information

- 1. Will there be Work Authorizations? No Yes
- 2. Is the Contractor providing confidential information? No Yes
- 3. Is the contractor going to purchase equipment? No Yes
- 4. Check frequency of progress reports
 - Monthly Quarterly N/A
- 5. Will a final report be required? No Yes
- 6. Is the Agreement, with amendments, longer than three years? If yes, why? No Yes

U) The following items should be attached to this CRF (as applicable)

- 1. Exhibit A, Scope of Work N/A Attached
- 2. Exhibit B, Budget Detail N/A Attached
- 3. CEC 96, NCB Request N/A Attached
- 4. CEC 95, DVBE Exemption Request N/A Attached
- 5. CEQA Documentation N/A Attached
- 6. Resumes N/A Attached
- 7. CEC 105, Questionnaire for Identifying Conflicts Attached

Sebastian Serrato
Agreement Manager

1/22/2021
Date

Mark Thengel
Office Manager

1/23/21
Date

John P. Butler II
Deputy Director

1/23/2021
Date

EXHIBIT A

Scope of Work

PURPOSE

The purpose of this agreement is to fund the Energy Commission's membership in the American Institute of Chemical Engineers Center for Hydrogen Safety (CHS).

The CHS is a voluntary public/private organization that promotes hydrogen refueling station safety and best practices. The CHS also conducts safety evaluations for hydrogen projects and facilities that use hydrogen. Formed in 2019, the CHS is a technical entity of the American Institute of Chemical Engineers (AIChE) which was established in 1908. The CHS members include industrial gas companies, hydrogen refueling station developers and operators, energy companies, fuel cell technology companies, and government entities. The CHS has six membership levels that include an Executive Board, Small Industry and Large Industry, University, Government, and National Laboratories. The Executive Board members pay \$50,000/year and their mission includes participating the CHS resource planning, directing safety tool development, and setting priorities. The non-Board members implement the strategies and policies.

In the past, the Clean Transportation Program relied on safety expertise from the U.S. Department of Energy Pacific Northwest National Laboratory (PNNL) Hydrogen Safety Panel (HSP), which is transitioning its activities to the CHS.

Energy Commission will pay \$50,000 to be used for the operating expenses for the CHS fiscal year 2021. The annual fee provides the Clean Transportation Program with Executive Board membership in the CHS from April 1, 2021 through December 31, 2021. The membership provides the following benefits of participation and engagement:

- Participation in the Executive Board and project teams;
- The opportunity to participate in decision making that advances safety best practices and norms for fuel cell electric vehicles, hydrogen transport, and hydrogen refueling;
- Collaboration in one of the most visible public fora with peers in hydrogen safety;
- Participation in the strategic planning and development of safety products and the Safety Plans used by Clean Transportation Program funded hydrogen refueling stations; and
- A high degree of visibility and recognition through the CHS outreach activities.

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

RESOLUTION - RE: CENTER FOR HYDROGEN SAFETY

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 600-20-006 with the Center for Hydrogen Safety, a technical entity of the American Institute of Chemical Engineers, for a \$50,000 contract which provides the CEC with a membership for eight months. Membership allows the CEC to participate in member meetings, working groups, workshops, briefings, and other events. The Center for Hydrogen Safety membership provides a forum for the CEC to collaborate with stakeholders in the fuel cell electric vehicle and hydrogen infrastructure communities; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her 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 March 17, 2021.

AYE:

NAY:

ABSENT:

ABSTAIN:

Patricia Carlos
Secretariat