



STATE OF CALIFORNIA

CONTRACT REQUEST FORM (CRF)

CEC-94 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

A) New Agreement # 600-21-005 (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Spencer Kelley	6	916-651-1235

C) Contractor's Legal Name	Federal ID #
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
1 / 1 / 2022	12 / 31 / 2022	\$ 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 11 / 15 / 2021 ☒ Consent ☐ Discussion

Business Meeting Presenter Spencer Kelley Time Needed: minutes

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

Agenda Item Subject and Description:

American Institute of Chemical Engineers Center for Hydrogen Safety. Proposed resolution approving Agreement 600-21-005 with the Center for Hydrogen Safety (CHS), a technical entity of the American Institute of Chemical Engineers, for a \$50,000 contract which provides the CEC membership for 12 months. Membership allows the CEC to participate in member meetings, working groups, workshops, briefings, and 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 fuel community. (Clean Transportation Program Funding) Contact: Spencer Kelley

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 project activities are limited to participation in meetings, workshops, and other similar events. The project may lead to the development of recommendations for policies and projects; however any demonstration projects or activities involving construction or installation or similar activities will be 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:



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☐ 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

☐ Negative Declaration

☐ Mitigated Negative Declaration

☐ Environmental Impact Report

☐ Statement of Overriding Considerations

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

Legal Company Name:	Budget
	\$ 0.00
	\$ 0.00
	\$ 0.00

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

Legal Company Name:

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ARFVTP	20/21	600.118J	\$50,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: Select Program Area TOTAL: \$

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

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

Name: Darlene Schuster

Address: 120 Wall Street

City, State, Zip: New York, NY
10005

Phone: (646) 495-1397

E-Mail: darls@aiche.org

2. Contractor's Project Manager

Name: Sarah Ewing

Address: 120 Wall Street

City, State, Zip: New York, NY
10005



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Phone: (646) 495-1364

E-Mail: sarae@aiche.org

L) Selection Process Used

☐ 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?

If yes, check appropriate box(es): ☐ 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

1. ☒ Reimbursement in arrears based on:

☐ Itemized Monthly ☐ Itemized Quarterly ☐ Flat Rate ☒ One-time

2. ☐ Advanced Payment

3. ☐ Other, explain:

Q) Retention

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)



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1. ☐ Exempt (Interagency/Other Government Entity)
2. ☐ Meets DVBE Requirements DVBE Amount:\$ 0 DVBE %:
 - a. ☐ Contractor is Certified DVBE
 - b. ☐ 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 | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 2. Exhibit B, Budget Detail | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 3. DGS-GSPD-09-007, NCB Request | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 4. CEC 95, DVBE Exemption Request | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 5. CEQA Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 6. Resumes | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 7. CEC 105, Questionnaire for Identifying Conflicts | | <input type="checkbox"/> Attached |

Agreement Manager

Date

Office Manager

Date

Deputy Director

Date

EXHIBIT A

Scope of Work

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 in 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 2022. The annual fee provides the Clean Transportation Program with Executive Board membership in the CHS from January 1, 2022 through December 31, 2022. 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: AMERICAN INSTITUTE OF CHEMICAL ENGINEERS 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 600-21-005 with the Center for Hydrogen Safety (CHS), a technical entity of the American Institute of Chemical Engineers, for a \$50,000 contract which provides the CEC membership for 12 months. Membership allows the CEC to participate in member meetings, working groups, workshops, briefings, and 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 fuel community; 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 November 15, 2021.

AYE:

NAY:

ABSENT:

ABSTAIN:

Liza Lopez
Secretariat