



STATE OF CALIFORNIA

CONTRACT AMENDMENT REQUEST FORM (CARF)

CEC-276 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

Original Agreement # 300-15-007 Amendment # n/a

Division	Agreement Manager:	MS-	Phone
ERDD	Joshua Croft		925-452-7638

Recipient's Legal Name	Federal ID Number
California Clean Energy Fund dba CalCEF Ventures	77-0640000

Revisions: (check all that apply)	Additional Requirements
<input type="checkbox"/> Term Extension New End Date:	Include revised schedule and complete items A, B, C, D, & H below.
<input type="checkbox"/> Budget Augmentation Amendment Amount: \$	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 Recipient	Include novation documentation and complete items A, B, 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.

A) Business Meeting Information**Business Meeting approval is not required for the following types of Agreements:**☐ Minor amendments delegated to Executive Director per December 2013 ResolutionProposed Business Meeting Date 11/15/2021 ☒ Consent ☐ Discussion

Business Meeting Presenter Joshua Croft Time Needed: N/A minutes

Please select one list serve. EPIC (Electric Program Investment Charge)

Agenda Item Subject and Description:**California Clean Energy Fund dba CalCEF Ventures**

California Clean Energy Fund dba CalCEF Ventures. Proposed resolution approving a scope of work change to Icarus RT, Inc.'s California Sustainable Energy Entrepreneur Development (CalSEED) Initiative small grant award, previously approved at the February 10, 2021 CEC Business Meeting; and adopting staff's determination that this action is exempt from CEQA. CalCEF Ventures administers the CEC's CalSEED Initiative under Agreement 300-15-007. Icarus RT, Inc. originally received a small grant to demonstrate a 100kW system that cools photovoltaic panels to increase performance and uses that heat to generate energy. After significant customer discovery and market research, Icarus RT, Inc. proposes to instead demonstrate that same technology with a 25kW system and a 50kW system that uses the heat from the cooled panels to pre-heat hot water. This change will not hinder expected key outcomes for the project. (EPIC Funding) Contact: Joshua Croft

**CONTRACT AMENDMENT REQUEST FORM (CARF)****Amendment Justification (For contract amendments only)**

- ☐ Non-Competitive Bid (Attach DGS-GSPD-09-007) <https://www.dgs.ca.gov/PD/Forms>
- ☐ Exempt Select Exemption (see instructions)

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

Legal Company Name:	Budget

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

Legal Company Name:

D) Budget Information (only include amendment amount information)

Funding Source	Funding Year of Appropriation	Budget List Number	Amount

R&D Program Area: EDMFO: EDMF

TOTAL: \$

Explanation for "Other" selection

Reimbursement Contract #:

Federal Agreement #:

E) Disabled Veteran Business Enterprise Program (DVBE)

- ☐ Exempt (Interagency/Other Government Entity)
- ☐ Meets DVBE Requirements DVBE Amount: \$ DVBE %:
 - ☐ Contractor is Certified DVBE
 - ☐ Contractor is Subcontracting with a DVBE:
- ☐ Contractor selected through CMAS or MSA with no DVBE participation
- ☐ Requesting DVBE Exemption (attach CEC 95)

F) 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":
- If Agreement is considered a "Project" under CEQA:
 - ☒ Agreement **IS** exempt.
 - ☒ Statutory Exemption. List PRC and/or CCR section number: Pub. Resources Code section 21080.35

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☒ Categorical Exemption. List CCR section number:
Cal. Code Regs., tit. 14, §15301, 15303, 15311

☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why Agreement is exempt under the above section:

The Energy Commission made CEQA findings pertaining to this grant project, which include the statutory and categorical exemptions identified above, when the project was originally approved by the Commission at its February 10, 2021 business meeting. The currently proposed change to the small grant scope of work will change the size of the installations (formerly 100 kW, now two installations of 25 kW and 50 kW) and the location of the installations. The 25 kW system will be a ground-mounted system installed at an existing swim facility and the 50 kW system will be over an existing parking lot at an existing clubhouse. The sites are not environmentally sensitive and do not involve any historic resources and will not require additional or different permits than those for the former project. Therefore, this project will not result in any environmental impacts beyond those already considered and approved in February 2021, and do not change the applicability of the exemptions.

☐ 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

G) The following items should be attached to this CARF (as applicable)

- | | | |
|---|---|--|
| 1. Exhibit A, Scope of Work/Schedule | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 2. Exhibit B, Budget Detail | <input checked="" type="checkbox"/> N/A | <input 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 checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 5. CEQA Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 6. Novation Documentation | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 7. CEC 105, Questionnaire for Identifying Conflicts | | <input checked="" type="checkbox"/> Attached |

Agreement Manager

Date

Office Manager

Date



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CALIFORNIA ENERGY COMMISSION

Deputy Director **Date**

STATE OF CALIFORNIA

**STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION - RE: CALIFORNIA CLEAN ENERGY FUND
DBA CALCEF VENTURES**

WHEREAS, the State Energy Resources Conservation and Development Commission (“CEC”) has created the California Sustainable Energy Entrepreneur Development (“CalSEED”) Initiative within the Electric Program Investment Charge (“EPIC”) Program to provide funding for public interest research, development and demonstration activities; and

WHEREAS, the California Clean Energy Fund dba CalCEF Ventures (“CalCEF”) is the administrator of the EPIC CalSEED Initiative under Agreement Number 300-15-007 and is responsible for soliciting grant applications, recommending grant awards to the CEC, and managing approved grant projects; and

WHEREAS, at its February 10, 2021 business meeting, the CEC approved a \$450,000 EPIC CalSEED Initiative grant to Icarus RT, Inc. for a project titled “Hybrid Photovoltaic/Thermal (PVT) Advanced Solar Plus Storage System”.

THEREFORE BE IT RESOLVED, that the CEC adopts the staff CEQA findings contained in the Amendment Request Form; and

FURTHER BE IT RESOLVED, that the CEC approves a scope of work change to Icarus RT, Inc.’s CalSEED small grant award for the project titled “Hybrid Photovoltaic/Thermal (PVT) Advanced Solar Plus Storage System” to change the project from a demonstration of a 100 kW system that cools photovoltaic panels to increase performance and uses that heat to generate energy to a demonstration of that same technology with a 25 kW system and a 50 kW system that uses the heat from the cooled panels to pre-heat hot water; and

FURTHER BE IT RESOLVED, that the CEC directs CalCEF Ventures to 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: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

Patricia Carlos
Secretariat