

CONTRACT REQUESTS FORM (CRF)

CEC-94 (07/10)

CALIFORNIA ENERGY COMMISSION


 New Contract Amendment to Existing Contract: _____ Amendment Number: _____

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Sarah Pittiglio	43	916-327-2201	6/26/2008

Contractor's Legal Name	Federal ID Number
The Regents of the University of California, Santa Barbara	95-6006145

Title of Project
The Projected Effects of Climate Change Induced Changes in Vegetation on Future Hydrologic Energy Generation in California

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2011	6/30/2014	\$ 600,000.00

Line up the Amendment information as best as possible within the following table.

Amendment #	End Date (mm/dd/yy)	Amount

Business Meeting Information

Proposed Business Meeting Date	5/18/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Sarah Pittiglio	Time Needed:	5 minutes

Agenda Item Subject and Description

Possible approval of Contract 500-10-045 with the Regents of the University of California, Santa Barbara for \$600,000.00 to estimate the effects of climate change on fire frequency and vegetation in California watersheds. This information is essential to better estimate the potential impacts of climate change on hydropower generation in California because fire and altered vegetation can substantially modify hydrologic conditions. (PIER electricity funding.) Contact: Sarah Pittiglio. (5 minutes)

Business Meeting approval is not required for the following types of contracts: *Executive Director's signature is required in all cases.*

- Contracts less than \$10k (*Policy Committee's signature is also required*)
- Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
- Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

Purpose of Contract or Purpose of Amendment, if applicable

The researchers will examine on-going vegetation changes in areas of high fire activity and subsequent changes to hydrologic cycles (e.g., timing and amounts of stream flow, nutrients in run-off) caused by fire in specific watersheds of southern California and the Sierra Nevada. These areas are susceptible to being dominated by invasive species after fire activity. Site selection will build on existing research in recently burned watersheds in Santa Barbara County or disturbed and burned plots in the Santa Clara River watershed in Ventura County (SCE hydropower site). In northern California, a parallel set of sites with non-native infestations will also be examined. Preliminary investigation indicates that several basins in the American River drainage network are excellent candidates for this type of analysis (PG&E and SMUD hydropower sites), although other watersheds will be evaluated (e.g., Feather, Mokelumne, and Kings). The American River watershed includes 19 hydropower facilities with a total online capacity of 1,221 megawatts (MW). The addition of the Feather, Mokelumne and Kings watersheds would represent an additional 36 hydropower facilities with a total online capacity of 3,724 MW. The results will be provided to water managers in a format that will improve their ability to predict runoff under future climates and land cover change scenarios.

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- 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:

Not applicable-U.C.

Payment Method

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

Retention

- 1. Is contract subject to retention? No Yes
- If Yes, Do you plan to release retention prior to contract termination? No Yes

Justification of Rates

The rates charged in this contract by the University of California are U.C. published rates and the overhead rates are the negotiated rates with the Energy Commission. The 49.5% facilities and administrative costs rate for University of Utah on-campus activities was approved by the federal government in an agreement dated April 24, 2009.

Disabled Veteran Business Enterprise Program (DVBE)

- 1. Not Applicable
- 2. Meets DVBE Requirements DVBE Amount:\$ _____ DVBE %: _____
 - Contractor is Certified DVBE
 - Contractor is Subcontracting with a DVBE: _____
- 3. Requesting DVBE Exemption (attach CEC 95)

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

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

Is Contractor subcontracting any services?

- No Yes
- If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:
- UC Berkeley No SB MB DVBE
- University of Utah No SB MB DVBE

Miscellaneous Contract Information

- 1. Will there be Work Authorizations? No Yes
- 2. Will there be IT expenditures? No Yes
- 3. Is the Contractor providing confidential information? No Yes
- 4. Is the contractor going to purchase equipment? No Yes
- 5. Check frequency of progress reports
 - Monthly Quarterly _____
- 6. Will a final report be required? No Yes
- 7. Is the contract, with amendments, longer than a year? If yes, why? No Yes

The Department of General Services has agreed to give the Commission blanket authority to execute multi-year contracts to support the Commission's RD&D Programs.

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The following items should be attached to this CRF			
1. Scope of Work, Attach as Exhibit A.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached	
2. Budget Detail, Attach as Exhibit B.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached	
3. CEC 96, NCB Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached	
4. CEC 30, Survey of Prior Work	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached	
5. CEC 95, DVBE Exemption Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached	
6. Draft CEQA Notice of Exemption (NOE)	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached	
7. Resumes	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached	

 Contract Manager Date Office Manager Date Deputy Director Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting. See Business Meeting Information Section.

 Presiding Policy Committee Date Associate Policy Committee Date Executive Director Date