

**CONTRACT REQUESTS FORM (CRF)**

CEC-94 (Revised 5/11)

CALIFORNIA ENERGY COMMISSION



New Contract \_\_\_\_\_  Amendment to Existing Contract: 500-09-012 Amendment Number: 1

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Joe O`Hagan	43	916-327-1368	11/14/2007

Contractor's Legal Name	Federal ID Number
US Geological Survey	53-0196958

Title of Project
Carbon sequestration and greenhouse gas emissions in intentionally flooded corn fields in the Delta

Term	Start Date	End Date	Amount
New/Original Contract	5/5/2010	10/15/2012	\$ 449,145

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

Amendment #	End Date (mm/dd/yy)	Amount
Amendment 1	9/30/2013	\$0

#### Business Meeting Information

Proposed Business Meeting Date	7/11/2012	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Discussion
Business Meeting Presenter	Joe O`Hagan	Time Needed:	

**Agenda Item Subject and Description** This agenda item should be sent to the Research List Serve (Energy RD&D/PIER program)

Possible approval of Amendment #1 to Contract 500-09-012 with the United States Geological Survey (USGS) to extend the contract term for 12 months and add an additional researcher. This proposed amendment will not affect the overall budget amount. (PIER electricity funding.) Contact: Joe O'Hagan.

**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 purpose of this amendment will provide more time for the project due to the planned intensive sampling being moved from Twitchell Island to Liberty Island. The move is necessary due to the loss of support for work in corn fields on Twitchell Island. Liberty Island has been secured and permits are now in place with the manager and The Nature Conservancy (owner). Both Twitchell Island and Liberty Island are located in the San Joaquin-Sacramento River Delta. This amendment will also add an additional USGS researcher ("Chemist") to improve USGS' analytical capabilities, especially in terms of soil chemistry.

**CONTRACT REQUESTS FORM (CRF)**



**California Environmental Quality Act (CEQA) Compliance**

1. Is Contract considered a "Project" under CEQA?  
 Yes: skip to question 2       No: complete the following (PRC 21065 and 14 CCR 15378):  
 Explain why contract is not considered a "Project":

2. If contract is considered a "Project" under CEQA:  
 a) Contract **IS** exempt. (Draft NOE required)  
 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 contract is exempt under the above section:  
 The activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.

b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.

Budgets Information								
Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$		\$					\$
ECAA	\$		\$					\$
State- ERPA	\$		\$					\$
Federal	\$		\$					\$
PIER - E	\$		\$					\$
PIER - NG	\$		\$					\$
Reimbursement	\$		\$					\$
Other	\$		\$					\$
<b>TOTAL:</b>	<b>\$0</b>	<b>TOTAL:</b>	<b>\$0</b>				<b>TOTAL:</b>	<b>\$0</b>
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Sharron Gregg	Name:	Brian Pellerin
Address:	Placer Hall - 6000 J Street	Address:	Placer Hall - 6000 J Street
City, State, Zip:	Sacramento, CA 95819	City, State, Zip:	Sacramento, CA 95819
Phone/ Fax:	(916) 278-3027 / (916) 278-3070	Phone/ Fax:	916-278-3167 / (916) 278-3070
E-Mail:	sgregg@usgs.gov	E-Mail:	bpeller@usgs.gov

**Contractor Is**

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)

**Selection Process Used**

Solicitation \_\_\_\_\_ Solicitation #: \_\_\_\_\_ # of Bids: \_\_\_\_\_ Low Bid?  No  Yes  
 Non Competitive Bid (Attach CEC 96)  
 Exempt Other Government Entity

**Civil Service Considerations**

Not Applicable (Contract 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:**

This project "[will] advance energy science or technologies of value to California citizens..." (Public Resources Code 25620.(c)), and is part of a "full range of research, development, and demonstration activities that . . . are not adequately provided for by competitive and regulated markets (Public Resources Code 25620.1.(a)); and supports California's goal to study the impacts of climate change on its forests, CO2 emissions caused by forest land conversion, and climate mitigation opportunities per the Integrated Energy Policy Report 2005 by:

- 1) Evaluating changes in the timing, magnitude and form of GHG fluxes (CO2, CH4 and N2O) from Delta corn fields due to winter flooding.
- 2) Determining the changes in biogeochemical properties (soil organic carbon content and lability, nitrogen species and availability, and redox conditions) associated with winter flooding.
- 3) Providing a dataset of input and calibration / validation parameters for modeling the role of winter flooding and other hydrologic alterations on GHG fluxes from Delta agricultural fields.

**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**

Rates are standard for applicable Federal job classifications.

**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:



**Miscellaneous Contract 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  \_\_\_\_\_
- 5. Will a final report be required?  No  Yes
- 6. 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.

# CONTRACT REQUESTS FORM (CRF)



The following items should be attached to this CRF			
1. Scope of Work, Attach as Exhibit A.	<input checked="" type="checkbox"/>	N/A	<input 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 checked="" type="checkbox"/>	N/A	<input type="checkbox"/> Attached
8. CEC 105, Questionnaire for Identifying Conflicts			<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