

**CONTRACT REQUESTS FORM (CRF)**

CEC-94 (Revised 5/11)

CALIFORNIA ENERGY COMMISSION



New Contract \_\_\_\_\_  Amendment to Existing Contract: 500-08-022 Amendment Number: 2

Division	Contract Manager:	MS-	Phone	CM Training Date
ERDD - Transportation	David Effross	43	916-327-1314	6/26/2008

Contractor's Legal Name	Federal ID Number
University of Missouri, Columbia	43-6003859

Title of Project
The Advanced Natural Gas Fuel Tank Project

Term	Start Date	End Date	Amount
New/Original Contract	5/28/2009	5/28/2011	\$ 1,000,000

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

Amendment #	End Date (mm/dd/yy)	Amount
Amendment 1	12/31/2012	\$0
Amendment 2	12/31/2013	\$0

Business Meeting Information			
Proposed Business Meeting Date	11/14/2012	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Discussion
Business Meeting Presenter	David Effross	Time Needed:	

Agenda Item Subject and Description
Possible approval of Amendment # 2 to Contract # 500-08-022 with the University of Missouri, Columbia for a 12-month no-cost time extension to develop an advanced, lightweight fuel tank with lower cost and increased range that will improve the economic competitiveness of natural gas vehicles. The time extension is needed due to issues with subcontractor manufacturing of critical materials. This amendment is to also update the terms and conditions. (PIER natural gas funding.) Contact: David Effross

**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 the contract is to develop an advanced, lightweight fuel tank with lower cost and increased range that will improve the economic competitiveness of natural gas vehicles. This time extension is needed due to issues with subcontractor manufacturing of unique and critical materials (monolithic activated carbon briquettes), which have caused delays. As directed by the Department of General Services, the amendment removes the Binding Arbitration language from the Special Terms and Conditions, Disputes Provision of the agreement.

### 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":  
 Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because it involves converting a waste product (corn cob) into useful material and designing a better storage material compared to what is currently available for natural gas storage tanks.:-
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: \_\_\_\_\_
- 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.

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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	\$		\$					\$
TOTAL:	\$0	TOTAL:	\$0		TOTAL:			\$0
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Karen Geren	Name:	Peter Pfeifer
Address:	310 Jesse Hall 310 Jesse Hall	Address:	412 Physics Building
City, State, Zip:	Columbia, MO 65211-1230	City, State, Zip:	Columbia, MO 65211-7010
Phone/ Fax:	(573) 882-7560 / (573) 884-4078	Phone/ Fax:	573-882-2335 / 573-882-4195
E-Mail:	GerenK@missouri.edu	E-Mail:	pfeiferp@missouri.edu

Contractor Is
<input type="checkbox"/> Private Company (including non-profits)
<input type="checkbox"/> CA State Agency (including UC and CSU)
<input checked="" type="checkbox"/> Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)

Selection Process Used
<input type="checkbox"/> Solicitation <u>Select Type</u> Solicitation #: _____ # of Bids: _____ Low Bid? <input type="checkbox"/> No <input type="checkbox"/> Yes
<input type="checkbox"/> Non Competitive Bid (Attach CEC 96)
<input checked="" type="checkbox"/> Exempt <u>Other Government Entity</u>

Civil Service Considerations
<input type="checkbox"/> Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)
<input checked="" type="checkbox"/> Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)
<input type="checkbox"/> The Services Contracted:
<input type="checkbox"/> are not available within civil service
<input type="checkbox"/> cannot be performed satisfactorily by civil service employees
<input type="checkbox"/> are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system.
<input type="checkbox"/> The Services are of such an:
<input type="checkbox"/> urgent
<input type="checkbox"/> temporary, or
<input type="checkbox"/> occasional nature
that the delay to implement under civil service would frustrate their very purpose.
<b>Justification:</b>
Public Utilities Code, sec. 895 and Public Resources Code 25620 , et seq. authorizes the Commission to contract for the subject work.

**CONTRACT REQUESTS FORM (CRF)**



Payment Method			
<input checked="" type="checkbox"/> A. Reimbursement in arrears based on:			
<input checked="" type="checkbox"/> Itemized Monthly	<input type="checkbox"/> Itemized Quarterly	<input type="checkbox"/> Flat Rate	<input type="checkbox"/> One-time
<input type="checkbox"/> B. Advanced Payment			
<input type="checkbox"/> C. Other, explain:			

Retention			
1. Is contract subject to retention?		<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
If Yes, Do you plan to release retention prior to contract termination?		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes

**Justification of Rates**  
 Energy Commission staff review of the prior foundational work indicates that the next development phase of the Advanced Absorbed Natural Gas Storage Tank will cost at least \$1 million. The Energy Commission's contribution to the project is \$1 million. The project has an estimated budget of \$1.6 million for the term of the contract with the balance cost-shared by the University of Missouri and Southern California Gas Company.

Disabled Veteran Business Enterprise Program (DVBE)	
1. <input checked="" type="checkbox"/> Not Applicable	
2. <input type="checkbox"/> Meets DVBE Requirements	DVBE Amount:\$ _____ DVBE %: _____
<input type="checkbox"/> Contractor is Certified DVBE	
<input type="checkbox"/> Contractor is Subcontracting with a DVBE:	_____
3. <input type="checkbox"/> Requesting DVBE Exemption (attach CEC 95)	

<b>Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?</b>	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
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<b>Is Contractor subcontracting any services?</b>	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:		
MRI	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
DBHorne, LLC	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE

Miscellaneous Contract Information			
1. Will there be Work Authorizations?		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
2. Is the Contractor providing confidential information?		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
3. Is the contractor going to purchase equipment?		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
4. Check frequency of progress reports			
<input checked="" type="checkbox"/> Monthly		<input type="checkbox"/> Quarterly	<input type="checkbox"/> _____
5. Will a final report be required?		<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
6. Is the contract, with amendments, longer than a year? If yes, why?		<input type="checkbox"/> No	<input checked="" type="checkbox"/> 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 checked="" type="checkbox"/> N/A	<input 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 checked="" type="checkbox"/> N/A	<input 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