

CONTRACT REQUESTS FORM (CRF)

CEC-94 (Revised 5/11)

CALIFORNIA ENERGY COMMISSION



New Contract _____ Amendment to Existing Contract: 500-10-044 Amendment Number: 1

Division	Contract Manager:	MS-	Phone	CM Training Date
ERDD - Energy Technology Systems Integration	Johann Karkheck	43	916-327-2457	1/10/2012

Contractor's Legal Name	Federal ID Number
The Regents of the University of California – <u>University of California Berkeley</u>	94-3067788

Title of Project
Natural Gas Pipeline Research - Innovative Monitoring Technologies

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2011	1/1/2013	\$ 478,457

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

Amendment #	End Date (mm/dd/yy)	Amount
Amendment 1	1/1/2014	\$0

Business Meeting Information

Proposed Business Meeting Date	9/12/2012	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Discussion
Business Meeting Presenter	Johann Karkheck	Time Needed:	

Agenda Item Subject and Description

Possible approval of Amendment 1 to Contract 500-10-044 with the Regents of the University of California for a no-cost time extension of the contract by twelve (12) months to January 1, 2014. The Terms and Conditions are being modified. (PIER) natural gas funding) Contact: Johann Karkheck.

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

A one year no-cost time extension is needed to complete the research to develop innovative pipeline inspection and monitoring technologies. These technologies will provide operators tools to enhance integrity management practices and improve the safety of California's natural gas pipeline infrastructure.

Design and fabrication of the Micro-Electro Mechanical System (MEMS) sensors is an iterative, time-consuming process that requires additional time to refine the design and fabrication sequences. Additional time is also needed to investigate the Laser Ultrasonic Testing (LUT) technology, and develop concepts to integrate it with current video inspection technology. The extension will allow the researchers to make the necessary refinements to technologies being developed, and plan for the safe execution of field testing.

As directed by the Department of General Services, Office of Legal Services, the Exhibit D, Special Terms and Conditions, Disputes Provision is being amended to remove the Binding Arbitration language.

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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 project involves development of prototype monitoring technologies that will improve the safety of natural gas pipelines.
 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	\$		\$					\$
TOTAL:	\$0	TOTAL:	\$0				TOTAL:	\$0
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Jyl Baldwin	Name:	Paul Wright
Address:	2150 Shattuck Ave Ste 300 2150 Shattuck Ave. #313	Address:	2087 ADDISON ST FL 2
City, State, Zip:	Berkeley, CA 94704-5940	City, State, Zip:	BERKELEY, CA 94704-1268
Phone/ Fax:	(510) 642-8110 / (510) 642-8236	Phone/ Fax:	510-643-2200 /
E-Mail:	jbaldwin@berkeley.edu	E-Mail:	pwright@citris-uc.org

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 Select Type Solicitation #: _____ # of Bids: _____ Low Bid? No Yes
 Non Competitive Bid (Attach CEC 96)
 Exempt Interagency



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:

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

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.

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

Is Contractor subcontracting any services? No Yes

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.

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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