

CONTRACT REQUESTS FORM (CRF)

CEC-94 (Revised 5/11)

CALIFORNIA ENERGY COMMISSION


 New Contract _____ Amendment to Existing Contract: 500-01-043 Amendment Number: 5

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Pedro Gomez		916-327-2316	6/26/2008

Contractor's Legal Name	Federal ID Number
The Regents of the University of California on behalf of the California Institute for Energy and Environment	94-3067788

Title of Project
Enabling Technologies Development

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2002	3/31/2005	\$ 3,000,000

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

Amendment #	End Date (mm/dd/yy)	Amount
Amendment 1	3/31/2007	\$2,500,000
Amendment 2	12/31/2009	\$3,500,000
Amendment 3	6/30/2010	\$2,405,863
Amendment 4	12/31/2012	\$1,900,000
Amendment 5	6/30/2015	\$2,522,048

Business Meeting Information

Proposed Business Meeting Date	6/29/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Pedro Gomez	Time Needed:	5 minutes

Agenda Item Subject and Description

Possible approval of Amendment 5 to Contract 500-01-043 with The Regents of the University of California on behalf of the California Institute for Energy and Environment to provide additional funding of \$2,552,048 and increase the term by 30 months to continue developing enabling technologies for smart grid and the integration of renewable generation technologies. (PIER electricity funding.) Contact: Pedro Gomez (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

This contract amendment will research topics that include, but are not limited to:

Smart Grid Applications:

- Low cost and high quality power monitoring technologies.
- Smart devices in the distribution grid that can self-diagnose and self-heal.
- Technologies that can automatically re-synch a power island with the surrounding power grid.

Renewable Energy Integration Applications:

- Storage technologies that range from operating voltages in 100's volts, 10K's volts, and 100K's volts.
- Models and control algorithms to facilitate the integration of intermittent renewable energy resources.

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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":
 Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because it involves feasibility studies that are performed in existing facilities.

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.

Budgets Information							
Contract Amount Funded		Breakdown by FY			Funding Sources		
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.
ARFVTF	\$	10-11	\$2,522,048	Yes	PIER-E	10-11	501.0271
ECAA	\$		\$				
State- ERPA	\$		\$				
Federal	\$		\$				
PIER - E	\$2,522,048		\$				
PIER - NG	\$		\$				
Reimbursement	\$		\$				
Other	\$		\$				
TOTAL:	\$2,522,048	TOTAL:	\$2,522,048				TOTAL: \$2,522,048
Reimbursement Contract #:					Federal Agreement		

Contractor's Administrator/ Officer		Contractor's Project Manager	
Name:	Lourdes DeMattos	Name:	Gaymond Yee
Address:	1111 Franklin St. 7th Floor	Address:	2087 Addison Street, Second Floor
City, State, Zip:	Oakland, CA 94607-5200	City, State, Zip:	Berkeley, CA 94704-1103
Phone/ Fax:	510-987-9850 / 510-835-3705	Phone/ Fax:	510-459-6063 / 510-287-3328
E-Mail:	Lourdes.DeMattos@ucop.edu	E-Mail:	Gaymond.Yee@uc-ciee.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)

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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:

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 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
- If yes, check appropriate box: SB MB DVBE

Is Contractor subcontracting any services?

	<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:		
Ron Hofmann	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
	<input type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
	<input type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
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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.

The following items should be attached to this CRF

- 1. Scope of Work, Attach as Exhibit A. N/A Attached
- 2. Budget Detail, Attach as Exhibit B. N/A Attached
- 3. CEC 96, NCB Request N/A Attached
- 4. CEC 30, Survey of Prior Work N/A Attached
- 5. CEC 95, DVBE Exemption Request N/A Attached
- 6. Draft CEQA Notice of Exemption (NOE) N/A Attached
- 7. Resumes N/A Attached
- 8. CEC 105, Questionnaire for Identifying Conflicts Attached
- 9. CEC 106, IT Component Reporting Form 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