

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	Steve Ghadiri	43	916-327-1623	6/26/2008

Contractor's Legal Name	Federal ID Number
DOE- Lawrence Livermore National Laboratory	94-6031193

Title of Project
Using High Speed Computing to Estimate the Amount of Energy Storage and Automated Demand Response

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2011	6/30/2014	\$1,750,000.00

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	06/01/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Steve Ghadiri	Time Needed:	5 minutes

Agenda Item Subject and Description

Possible approval of Contract 500-10-051 with Lawrence Livermore National Laboratory in the amount of \$1,750,000.00 to provide advanced optimization and control technologies to manage the integration of intermittent generators. (PIER electricity funding.) Contact: Steve Ghadiri. (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 purpose of this contract is to use High Speed Computing to estimate the energy storage and Auto Demand Response needed to support California's Renewables Portfolio Standard goals.

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 a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because it involves research study, methodologies, and extraction of data from existing utility systems.
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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Payment Method			
<input type="checkbox"/>	A. Reimbursement in arrears based on:		
<input type="checkbox"/>	Itemized Monthly	<input type="checkbox"/>	Itemized Quarterly
<input type="checkbox"/>		<input type="checkbox"/>	Flat Rate
<input type="checkbox"/>			One-time
<input checked="" type="checkbox"/>	B. Advanced Payment		
<input type="checkbox"/>	C. Other, explain:		

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

Justification of Rates	
The contract price is reasonable, particularly considering the facility provided by the contract terms. The research will be conducted by a national laboratory; salaries and wages are in accordance with costing practice for all Department of Energy programs.	

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)

Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?		<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Yes
If yes, check appropriate box:		<input type="checkbox"/>	SB	<input type="checkbox"/>	MB
		<input type="checkbox"/>	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:					
KEMA, Inc.		<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	SB
		<input type="checkbox"/>	MB	<input type="checkbox"/>	DVBE
California Institute for Energy and Environment		<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
2.	Will there be IT expenditures?	<input checked="" type="checkbox"/>	No
3.	Is the Contractor providing confidential information?	<input checked="" type="checkbox"/>	No
4.	Is the contractor going to purchase equipment?	<input type="checkbox"/>	No
5.	Check frequency of progress reports	<input type="checkbox"/>	Monthly
		<input checked="" type="checkbox"/>	Quarterly
		<input type="checkbox"/>	_____
6.	Will a final report be required?	<input type="checkbox"/>	No
		<input checked="" type="checkbox"/>	Yes
7.	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.			

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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 checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached	
7. Resumes	<input checked="" type="checkbox"/> N/A	<input 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