

Memorandum

To: Contracts Office

Date: 9/8/2010

Telephone: 916-327-1722

From: **California Energy Commission ERDD/PIER**
1516 Ninth Street
Sacramento CA 95814-5512

Subject: Using Advanced Power Electronics to Save Energy in Consumer Electronics and Motorized Appliances

A. Contractor: Electric Power Research Institute, Inc.

B. Contract Manager and date Contract Managers Training was obtained:
Bradley Meister CCM Training date: 2/10/2006

C. Term of Contract:
11/8/2010 to 11/25/2013

D. Amount funded by this contract or amendment and funding source:

\$1,856,899.00 PIER-E

E. Purpose of Contract and if requesting amendment, reason for amendment:

The goal of this project is to accelerate adoption of adjustable-speed drive technology and embedded communication and control technologies in the appliance market. The project objectives will include:

- Quantify the energy-savings potential of widespread adoption of ASDs in motor-driven consumer applications.
- Make laboratory measurements of energy consumption for conventional and ASD-driven motors in appliances.
- Establish the potential for enhanced demand-response control through embedded intelligence in motor-control applications.
- Conduct outreach activities with appropriate decision makers and influencers through distribution of project findings.
- Promote project results to mass market, technology trade, and energy efficiency media outlets.

F. Scope of Work - attach as Exhibit A - Scope of Work (includes deliverables and due dates):

G. Budget Detail - attach as Exhibit B - Budget Detail

1. What payment method are we paying Contractor? Choose all that apply

a. Reimbursement in arrears based on:

- Itemized Monthly Itemized Quarterly Flat Rate
 One-time Payment

b. Advance Payment Receiving Funds from other entity

Other, explain:

2. Do you anticipate retention to be released prior to the end of the Contract? If so, identify in Budget Detail what tasks are separate and distinct.

Yes

No

H. Selection Process Used:

- Solicitation using RFP, RFQ, IFB or PON
- Sole Source (attach CEC-96 Non-Competitive Bid Request)
- Other government entity (i.e., state agency, federal or local government, air/water/school district)
- Other (explain)

I. Survey of Prior Work:

See CEC 30

J. Civil Service Considerations:

Public Resources Code 25620, et seq. authorizes the Commission to contract for the subject work.

K. Information Technology Expenditures:

None

L. California Environmental Quality Act (CEQA) Compliance:

1) Is contract considered a "Project" under CEQA?

Yes No

If yes, skip to question 2.

If no, please complete the following (Public Resources Code (PRC) 21065 and 14 California Code of Regulations (CCR) 15378):

Explain why is contract 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 contract involves activities such as literature searches, developing test procedures, testing of electronic equipment in the laboratory and building three small computers. These activities are not considered to be under CEQA.

2) If contract is considered a "Project" under CEQA:

a) Contract **IS** exempt

Check the appropriate exemption box and fill in the section number of the exemption.

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 your division and the Siting Office regarding a possible Initial Study.

M. Disabled Veteran Business Participation:

- Meets DVBE Requirements
 Requesting DVBE Exemption (attach CEC-95 DVBE memo)

N. Is Contractor a certified Small Business?

- Yes No

O. Is Contractor subcontracting **any** services? If so, list them and identify if they are a certified Small Business?

- Yes No

Ecos Consulting Inc.

Morton H. Blatt

KEMA, Inc.

Analytics Press

Suzanne Porter

WriteNow Communications

Dr. Jason Lai

RGL Consulting

California State Handyman Co

No

Yes

No

No

No

No

No

No

Yes

P. Miscellaneous Contract Information:

1) Will there be Work Authorizations? Yes No

2) Is the contractor providing confidential information? Yes No

3) Is the contractor going to purchase equipment? Yes No

4) Will progress reports be required? If so, check one of the following:

- Monthly Quarterly Other (please describe)

Progress reports are required, see Scope of Work, Exhibit A, attached.

5) Will a final report be required? Yes No

6) Are resumes attached for all consultants Yes No

Resumes were included with the original RFP.

7) Is the contract, with amendments, longer than a year? If so, why?

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.

8) What basis did you use to determine that the price, or rate, is reasonable?

The rates charged in this contract are in accordance with the industry standard for like work. This agreement was part of a Request for Proposal and was part of a competitive bidding process.