

Memorandum

To: Contracts Office

Date: 7/22/2010

Telephone: 327-1473

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

Subject: Defining the Pathway to the California Smart Grid of 2020 for Publicly Owned Utilities

A. Contractor: R.W. Beck, Inc.

B. Contract Manager and date Contract Managers Training was obtained:
Matt Coldwell CCM Training date: 5/26/2006

C. Term of Contract:
12/6/2010 to 12/6/2011

D. Amount funded by this contract or amendment and funding source:
\$475,000.00 PIER-E

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

The proposed project will be conducted by R.W. Beck, Inc. This project will provide the Energy Commission with a robust Smart Grid technology roadmap and implementation plan to guide the state's POU's toward achieving energy and environmental objectives through the application of smart grid technologies. The proposed project will develop a POU vision of the Smart Grid at the 2020 horizon; assess current POU smart grid initiatives; develop a gap analysis to identify the necessary advancements in standards, policies and technologies to achieve the 2020 vision; provide a framework for evaluating the costs and benefits of smart grid technology; and develop an informative technology roadmap and implementation plan to guide POU's in the development and application of smart grid initiatives.

To meet this goal, RW Beck has developed a comprehensive approach that will yield the following three main deliverables:

- A Smart Grid vision of 2020 based on future requirements driven by California energy policies and shared strategic and operational objectives among the State's publicly owned utilities
- A Smart Grid technology and program assessment framework that utilizes industry accepted models, processes, and tools.
- A Smart Grid technology roadmap and implementation plan for California's publicly owned utilities that begins in 2010 and ends in 2020 that is aimed at achieving state energy policy goals.

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 the development of a research road map and implementation plan.

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

Redhorse Technical Services Inc.

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
Resumes included in the Proposal Package Yes No
7) Is the contract, with amendments, longer than a year? If so, why?

No

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

The price and rates are comparable to like work. This agreement was awarded through a competitive process that allowed us to compare this contractor's rates with other companies proposing to do the same work.