

# GRANTS/CONTINGENT AWARD REQUEST



To: Grants and Loans Office

Date: 3/10/2010

Project Manager: Anish Gautam

Phone Number: 916-327-2382

Office: Energy Efficiency Research Office

Division: Energy Research and Development

MS- 49

Project Title: Variable Airflow Management with Direct Expansion (DX) Computer Room A/C

### Type of Request: (check one)

**New Agreement:** (include items A-F from below) Agreement Number: PIR-10-022

Program: Industrial/ Ag/ Water

Solicitation Name and/or Number: PON08006-15 (Emerging Technology Demonstration Grant (ETDG))

Legal Name of Recipient: Electric Power Research Institute, Inc.

Recipient's Full Mailing Address: 3420 Hillview Avenue  
Palo Alto, CA 94304-1338

Recipient's Project Officer: Brian Fortenbery Phone Number: 856-218-8012

Agreement Start Date: 9/20/2010 Agreement End Date: 9/30/2013

**Amendment:** (Check all that apply) Agreement Number: \_\_\_\_\_

Term Extension – New End Date: \_\_\_\_\_

Work Statement Revision (include Item A from below)

Budget Revision (include Item B from below)

Change of Scope (include Items A – F as applicable from below)

Other: \_\_\_\_\_

### ITEMS TO ATTACH WITH REQUEST:

- A. Work Statement
- B. Budget
- C. Recipient Resolution, if applicable. (Resolution may be requested in Special Conditions if not currently available.)
- D. Special Conditions, if applicable.
- E. CEQA Compliance Form
- F. Other Documents as applicable
  - Copy of Score Sheets
  - Copy of Pre-Award Correspondence
  - Copy of All Other Relevant Documents

### California Environmental Quality Act (CEQA)

CEC finds, based on recipient's documentation in compliance with CEQA:

Project exempt: \_\_\_\_\_ NOE filed: \_\_\_\_\_

Environmental Document prepared: \_\_\_\_\_ NOD filed: \_\_\_\_\_

Other: \_\_\_\_\_

CEC has made CEQA finding described in CEC-280, attached

### Funding Information:

\*Source #1: PIER-E Amount: \$ \$400,000.00 Statute: 09- FY: 10-11 Budget List #: 501.027H

\*Source #2: \_\_\_\_\_ Amount: \$ \_\_\_\_\_ Statute: \_\_\_\_\_ FY: \_\_\_\_\_ Budget List #: \_\_\_\_\_

\*Source #3: \_\_\_\_\_ Amount: \$ \_\_\_\_\_ Statute: \_\_\_\_\_ FY: \_\_\_\_\_ Budget List #: \_\_\_\_\_

If federally funded, specify federal agreement number: \_\_\_\_\_

\* Source Examples include ERPA, PIER-E, PIER-NG, FED, GRDA, ARFVT, OTHER.

### Business Meeting Approval: (refer to Business Meeting Schedule)

Proposed Business Meeting Date: 7/28/2010  Consent  Discussion

Business Meeting Participant: Anish Gautam Time Needed: 2 minutes

### Agenda Notice Statement: (state purpose in layperson terms)

Possible approval of a  Grant /  Contingent Award to...

Possible approval of this Agreement in the amount of \$400,000.00 with Electric Power Research Institute (EPRI) to demonstrate the effectiveness of airflow management in data centers by retrofitting of variable speed drives on existing Direct Expansion Computer Room Air Conditioner (DX-CRAC) units. This project is estimated to annually reduce data center electricity consumption by 15 percent.