

PMC-EF2a

(2010)

**U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION**



RECIPIENT: Board of Trustees of the Leland Stanford Junior University

STATE: CA

PROJECT TITLE : PVMI Bay Area Photovoltaic Consortium

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-000259, PV	DE-EE0004946	GFO-004946-004	GO4946

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

Description:

<b>A9 Information gathering, analysis, and dissemination</b>	Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
<b>B3.15 Small-scale indoor research and development projects using nanoscale materials</b>	Siting, construction, modification, operation, and decommissioning of facilities for indoor small-scale research and development projects and small-scale pilot projects using nanoscale materials in accordance with applicable requirements (such as engineering, worker safety, procedural, and administrative regulations) necessary to ensure the containment of any hazardous materials. Construction and modification activities would be within or contiguous to a previously disturbed or developed area (where active utilities and currently used roads are readily accessible).
<b>B3.6 Small-scale research and development, laboratory operations, and pilot projects</b>	Siting, construction, modification, operation, and decommissioning of facilities for small-scale research and development projects; conventional laboratory operations (such as preparation of chemical standards and sample analysis); and small-scale pilot projects (generally less than 2 years) frequently conducted to verify a concept before demonstration actions, provided that construction or modification would be within or contiguous to a previously disturbed or developed area (where active utilities and currently used roads are readily accessible). Not included in this category are demonstration actions, meaning actions that are undertaken at a scale to show whether a technology would be viable on a larger scale and suitable for commercial deployment.

**Rational for determination:**

DOE has provided funding to establish the Bay Area Photovoltaic Consortium (BAPVC). The BAPVC conducted two competitive solicitations and for the first, selected eighteen (18) research teams at Stanford, UC-Berkeley and three national laboratories (core recipients) to receive federal funding (sub-awards). The second solicitation was nationwide to Universities, and resulted in sixteen (16) sub-awards and entail research and development activities to be conducted at existing laboratories at the following universities: Georgia Institute of Technology; University of South Florida; Colorado School of Mines (2 awards); University of Delaware; California Institute of Technology (CalTech); University of Washington (2 awards); University of California, Santa Barbara (UCSB); University of Utah; Purdue University; Case Western Reserve University; University of Texas, Austin; Arizona State University (2 awards), and the Massachusetts Institute of Technology (MIT).

DOE completed a NEPA determination for the first solicitation on 7.3.2012. This NEPA determination applies to the 16 University sub-awards.

The activities to be completed under the sub-awards may include information gathering, analysis, and dissemination, small-scale indoor research and development projects using nanoscale materials, and small-scale research and development in conventional laboratories. All activities would be conducted in existing offices and operational laboratories and would be in accordance with applicable requirements (such as engineering, worker safety, procedural, and administrative regulations) necessary to ensure the containment of any hazardous materials. As such Categorical Exclusions A9, B3.15, and B3.6 apply to the subawards.

Sub-award activities are limited to analysis and laboratory scale research and development.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

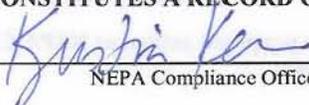
Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:  Date: 12/4/2012  
NEPA Compliance Officer

**FIELD OFFICE MANAGER DETERMINATION**

Field Office Manager review required

**NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:**

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

**BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :**

Field Office Manager's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Field Office Manager