

PMC-EF2a

(2010)

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



RECIPIENT: University of Central Florida

STATE: FL

PROJECT TITLE: 115 Southeast/Southern Provider of Solar Instructor Training

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000078	DE-EE0002091	GFO-10-093	0

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:

- A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.
- B5.1** Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

The University of Central Florida will use DOE ARRA funding to establish a geographic network that will offer training programs in solar across the southeastern region of the United States.

The activities proposed for this project include:

- * Establish an advisory board for the purpose of insuring that the curriculum and training is responsive to industry and market demands;
- * Develop a "train-the-trainers" curriculum;
- * Conduct the "train-the-trainers" training for instructors and faculty provided by the regional partners;
- * Develop laboratory and installation curriculum procedures;
- * Conduct regional student training and report to advisory board;
- * Develop and maintain a southeastern region solar training network; and
- * Repair and refurbish an existing portable PV education and training equipment to develop a new Solar Water Heating module for training and demonstration purposes.

This last activity will involve the assembly of small electronics and purchased PV modules mounted on a single-axis 6'x16' trailer. Repairs will include replacing and repairing current nonfunctional electronics and adding more PV modules, an inverter, BOS components and small load for operation.

This work will be performed at the University's Florida Solar Energy Center in its high bay lab area or outdoors in a fenced area. The FSEC Machine Shop is located in FSEC's low bay lab area, appropriately separated from other activities as required for safety. University of Central Florida safety and health policies will be followed as established by the UCF Environmental Health & Safety Office.

This project comprises information gathering, dissemination, curriculum development and small-scale conservation and renewable energy research activities; therefore a CX A9 and B5.1 apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: *Kimber Kern*
NEPA Compliance Officer

Date: 2/1/2010

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: _____
Field Office Manager

Date: _____