

PMC-EF2a

(2010)

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



RECIPIENT: American Red Cross, Hawaii State Chapter

STATE: HI

PROJECT TITLE : Renewable Energy System for Hawaii Red Cross Headquarters Building

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0003181	GFO-0003181-001	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:

**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 Hawaii Red Cross proposes to install a roof-top photovoltaic system (62.3 kW) to aid in power supplementation during disaster response in times when electric power resources are minimal. The installation will take place at the Hawaii Red Cross headquarters building located in Diamond Head and will occupy approximately 3900 square feet. This facility is currently used for training the public and responders. The building is less than 50 yrs old and thus this project will not impact historic properties.

This project will include funding for the system installation as well as vendor selection, staff training, operations, and maintenance of the PV.

All appropriate building permits will be obtained prior to PV installations. The roof will be inspected for safety and PV suitability before and after installation. Only licensed contractors will be used in the implementation of this project.

This project is comprised of installation of photovoltaic solar panels for energy conservation; therefore a CX B5.1 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 01/03/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: *Kambin Lee*  
NEPA Compliance Officer

Date: 1/12/2011