PMC-EF2a

(2.04.02)

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

RECIPIENT: Camden County **STATE:** NJ

PROJECT TITLE: EECBG - Camden County - Parks Administration Rehabilitation and Environmental Education Addition

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	EE0000673	GFO-0000673-002	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:

Camden County is proposing to use $927,400 in EECBG funding to facilitate the purchase and installation of energy efficient measures in a 4,200ft addition to a County Parks building. The project will include upgrades and improvements to the existing building such as replacing the roof and new chiller and boiler and HVAC controls. The addition will be energy efficient and will use high performance, natural gas-powered mechanical systems. The interior spaces will be flooded with daylight by skylights and windows. Energy performance will be improved by way of metal solar wall panels that will preheat the intake air. Solar hot water panels will be used to provide domestic hot water. A bike rack and shower will encourage employees to bike and walk to work. Pervious paving will be used, especially at an outdoor area that will serve as an outdoor classroom for County and Master Gardener programs. On the new addition, a vegetated or "green" roof will be installed. The vegetated roof will have several environmental benefits including better energy performance, in part because the roof is much cooler than a standard roof. The unique features and systems will be explained to occupants and visitors by way of signage and curricula developed by the County and Rutgers University.

The addition is low profile and designed to have minimal visual impact. Ground disturbance related to the proposed project will consist only of the foundation for the addition. Two trees will be removed for the addition. The proposed project location is currently a maintained grassy area adjacent to an existing building. The area surrounding the site location is highly developed residential. The area around the addition will be landscaped. SHPO has been consulted and determined that there are no historic properties affected within the project's area of potential effects. There are not expected to be adverse effects to wildlife, wetlands, or floodplains as a result of the proposed project as these resources are not present at the project site.

Waste management and recycling will be required during construction. The contractor will separate the waste/scrap materials to minimize the total waste stream by as much as 70%.

The proposed project is consistent with activities outlined in B5.1 "actions to conserve energy"; therefore, it is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF2a completed by Logan Sholar

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 1/13/11

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