

PMC-EF2a

(2010)

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



RECIPIENT: Iowa Lakes Community College

STATE: IA

PROJECT TITLE : CDP - Iowa Lakes Community College Sustainable Energy Education Center

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	EE0000446	GFO-0000446-001	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:

- 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.
- B3.6** Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).
- 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:

Iowa Lakes Community College is proposing to DOE funding to expand the educational facilities and instructional capabilities of their Sustainable Education Center in this CDP award. This objective will be accomplished in 7 tasks.

Task 1.1 is the purchase and transportation of the substation components and accessories to Iowa Lakes and removal of the PCB oil. PCB oil removal will be conducted by a licensed vendor and disposed of in accordance with regulatory requirements. The non-energized substation will be used as a learning lab at the college. The assembly and erection of the substation will be performed by students in the lab and supervised by an instructor. There will be a 40' by 70' area of ground disturbance required for a concrete pad upon which the substation will be erected. All ground disturbance will occur within the property boundary of Iowa Lakes CC on land that was previously disturbed for other construction projects at the college; therefore, there are not expected to be any adverse effects to threatened and endangered species, wetlands, floodplains, or cultural resources as these resources are not present at the project site. The area surrounding the construction of the substation is industrial and occupied with manufacturing plants; therefore, the addition of the substation to the campus is not expected to have adverse visual effects.

Task 1.2 is the purchasing of climbing and safety equipment to utilize the existing V90 nacelle shell for student training. In the courses tied to this task, students will learn safe tower climbing and rescue practices, identifying function and components of the nacelle assembly, crane and signaling communications, rigging techniques, proper torque techniques, and demonstrate knowledge of safety regulations, hazard identification and risk management.

Task 1.3 through Task 1.7 is the purchasing of equipment for several different laboratories and a lecture classroom. All aspects of these tasks will occur within existing structures and will not require any permits.

The recipient has completed the Laboratory, Fabrication, Manufacturing and Testing Facility Questionnaire which is attached.

The proposed project is consistent with activities outlined in A9, B3.6 and B5.1, and has been determined to be 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 :

EF-2a completed by Logan Sholar

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:


NEPA Compliance Officer

Date:

11/16/10

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:
