

PMC-EF2a

(20402)

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



RECIPIENT: University of Louisville Research Foundation

STATE: KY

PROJECT TITLE: University of Louisville Research and Energy Independence Program

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
Congressionally Directed Project	DE-EE0003206	GFO-10-455	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:

- 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).
- 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.

Rational for determination:

The University of Louisville proposes to use federal funds to establish a center focused on renewable energy research. This center will focus on materials manufacturing, solar energy conservation, renewable energy storage, biofuels, and energy efficient building methods. The Conn Center for Renewable Energy Research will be located within an existing building on campus and will work to develop educational programs, initiate research project involved in solar and biomass fields, and aid in the recruitment of qualified individuals to establish these research projects.

This project will include materials development and manufacturing, roll to roll manufacturing R & D initiative for low cost solar cells, Process R & D for conversion of KY biomass to transportation fuels, applied R & D studies in various renewable energy and energy efficiency themes, educational and workshop initiatives, and project management and reporting.

This project will take place in existing laboratory space using conventional research and development methods. The applicant has submitted an R & D questionnaire which thoroughly addresses chemical and safety handling protocols.

This project comprises of conventional research and development within existing facilities and educational outreach; therefore a CX A9 & B3.6 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 7/30/2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

