PMC-EF2a
(2.04.02)

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

RECIPIENT: Louisiana Tech University **STATE:** LA

PROJECT TITLE : Bioenergy/Bionanotechnology Projects Louisiana Tech University, Ruston (LA)

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-EE0003120	GFO-10-557	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:

Louisiana Technical University proposes to use federal funds to support applied research and development projects. Funds will be used to support faculty, graduate students, technical support staff, and operating support of research projects.

This project will include enzyme immobilization for large scale reactors to reduce cellulosic ethanol costs, nanostructured catalyst for conversion of syngas to diesel, integrated thermoelectric DNA sequencer, geopolymer concrete fabrication, E-vortex harvesting energy from plant effluent streams, and project management and reporting.

These research projects will be performed in various laboratories on campus; Louisiana Technical University has submitted an R & D questionnaire which thoroughly addresses safety and chemical handling protocols.

This project will involve conventional bench scale research and development activities as well as dissemination of information through reporting; therefore a CX A9 and 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.

NEPA Compliance Officer Signature: _____ Date: 8/4/2010
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION