

PMC-EF2a

(200402)

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



RECIPIENT: Board of Regents of the University of NE d/b/a University of Nebraska at Omaha STATE: NE

PROJECT TITLE : Novel Photocatalytic Metal Oxides

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	EE0003274	GFO-10-419	EE3174

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).

Rational for determination:

The University of Nebraska proposes to use federal funds to develop improved solid-state photocatalysts for the decomposition of water into hydrogen gas using ultraviolet radiation. The project will involve studying various characteristics of these materials through computer simulations followed by experimental synthesis and characterization.

This project will include computer simulations, experimental synthesis and characterization, and project management and reporting.

This project will involve work that takes place indoor and within the confines of a laboratory. An R & D questionnaire has been submitted which thoroughly addresses the University's safety and chemical handling protocols.

This project is for research and development studies in existing laboratory facilities; therefore a CX 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 6-14-10

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:

NEPA Compliance Officer

Date:

6/21/10

FIELD OFFICE MANAGER DETERMINATION