PMC-EF2a
(2.06.02)

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

RECIPIENT: University of Central Florida **STATE:** FL

PROJECT TITLE : Florida Hydrogen Initiative - 3 Letter of Interest (LOI) Projects

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP Renewal	DE-FC36-04GO14225	GFO-04-221e	GO14225

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:

Under previous NEPA determinations, the University of Central Florida (formerly Florida Hydrogen Initiative) must submit NEPA documentation for each new project selected under the project scope. Determination is being made for three new sub-awards (Tasks 7, 8, and 9) that were selected by the University after holding an internal funding opportunity announcement.

The titles of the three sub-awards, as listed in the University's SOPO, are:

* Task 7 - Chemochromatic Hydrogen Leak Detectors for Safety Monitoring;
* Task 8 - Development of High Efficiency Low Cost Electrocatalysts for Hydrogen Production and PEM Fuel Cell Applications; and
* Task 9. Understanding Mechanical and Chemical Durability of Fuel Cell Membrane Electrode Assembles.

All three projects are proposing to conduct bench scale R&D studies at the Florida Solar Energy Center (FSEC) University of Central Florida's campus in Cocoa, FL. The Advanced Energy Research Division (AERD) laboratories will be used to complete work for Tasks 7, 8, and 9. An R&D questionnaire has been submitted in which safety, waste handling and established laboratory protocols are thoroughly discussed.

These three sub-awardee projects comprise bench-scale research conducted in established 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:

Insert the following language in the award:

You are required to:
NEPA provisions established in previous DOE NEPA determinations (GFO-04-221 and GFO-05-197) state that UCF/FHI shall submit an EF1 Environmental Checklist form to DOE for each sub-award selected under this award. These provisions still apply to the prime recipient's award and this determination is specific only to Tasks 7, 8, and 9.

Note to Specialist :

Review completed by Laura Margason 7/7/2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 7/12/10
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