

PMC-EF2a

(2010)

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



RECIPIENT: University of Hawaii

STATE: HI

PROJECT TITLE : Subtask 2.4 OTEC Facility

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-PS36-08GO98030	DE-FG36-08GO18180	GFO-09-013-004	GO18180

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.
- A11** Technical advice and planning assistance to international, national, state, and local organizations.

Rational for determination:

The University of Hawaii has established the National Marine Renewable Energy Center in the State of Hawaii in order to facilitate the development and implementation of commercial wave energy systems. A prior NEPA determination was made for their project work that included research and conventional laboratory activities. A CX A9 and B3.6 was applied to this work. The prior NEPA determination did not allow subtasks 2.1-2.4 and determined these tasks as unallowable pending further information. This NEPA determination is being made for activities associated with subtask 2.4 as described in the current SOPO, and below, for Budget Period 1 of this project.

The University of Hawaii is proposing to use DOE funding under subtask 2.4 to provide advisory and technical support to Lockheed-Martin and Makai Ocean Engineering in support of their planning development for a future Ocean Thermal Energy Conversion (OTEC) heat exchanger test facility in Hawaii. Specifically the University will assist in selecting potential sites for the testing facility in addition to developing a technical statement of work for Lockheed-Martin and Makai Ocean Engineering.

The proposed OTEC test facility is in the early stages of planning and the University's advisory role in the process will not result in construction or adverse effects to the environment. The project comprises desktop research, feasibility studies and technical support; therefore a CX A9 and A11 will apply to subtask 2.4 of this project.

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:

Any tasks, outside desktop research, feasibility studies and technical advice, are unallowable for this task. No field studies or environmental monitoring is allowable without further NEPA review.

This restriction does not preclude you from:

Task 2.4 (desktop research and technical assistance activities only) and tasks that have received CX determinations in prior NEPA reviews.

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

Completed by Laura Margason: 11.24.2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:


NEPA Compliance Officer

Date:

11/24/10

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:
