

PMC-EF2a

(20402)

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



RECIPIENT: Lockheed Martin MS2

STATE: VA

PROJECT TITLE : OTEC Life Cycle Cost Analysis

| | | | |
|--|--------------------------------------|----------------------------|-------------------|
| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
| DE-FOA-0000069 | DE-EE0002663 | GFO-10-141 | GO0 |

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.

Rational for determination:

Lockheed Martin will use DOE funding to conduct a desk-top analysis of Life Cycle Costs for both near-shore and offshore Ocean Thermal Energy Converter (OTEC) facilities. The analysis will define baseline scenario and capital cost requirements for near-shore grid connected plants as well as the requirements for an offshore energy carrier and the requirements and costs to transport that carrier to the U.S. The project will also define the environmental issues necessary for permitting, licensing, and monitoring. This will include an environmental cost assessment for OTEC plants.

This project comprises information gathering and cost analysis activities; therefore a CX A9 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____
NEPA Compliance Officer

Date: 2/25/2010

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

PROJECT TITLE: _____

Funding Agency/Account Number: _____
DE FCA 000000

Treatment Worksheet Number: _____
DE-00000000

NEPA Control Number: _____
DE-0-10-141

CIB Number: _____
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Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 561.1A), I have made the following determination:

CX EA FOR AFFORDABLE AND MODERN

Location: _____

As information gathering (including, but not limited to, literature survey, interviews, audits), data analysis (including computer modeling), document preparation (such as workshop design or feasibility studies, analytical energy study and demand studies) and dissemination (including, but not limited to, document matrix, publication, and distribution) and classroom training and informational programs, but not including site characterization or environmental monitoring.

NEPA Information: _____

DOE has made a final NEPA determination for this work.

from the following language in the award:

Next to location: _____

None of the:

SIGNATURE OF THE MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required.

NEPA COMPLIANCE OFFICER REVIEW FOR THE FOLLOWING REASON:

0105/25/10