

PMC-EF2a

(20102)

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



RECIPIENT: Lockheed Martin MS2

STATE: VA

PROJECT TITLE : Ocean Thermal Extractable Energy Visualization

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000069	DE-EE0002664	GFO-10-149	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 is proposing to use DOE funding to conduct assessments on ocean thermal energy resources and to integrate the results into an interactive GIS visualization tool. This will involve conducting a desktop study, data collection, analysis and computer modeling activities.

No fieldwork will take place as part of this project.

This project involves information gathering and computer modeling 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: _____
Field Office Manager

Date: _____

PROJECT TITLE: Green Theme Exchange Energy Ventilation

Funding Opportunity Announcement Number: DE-FC4-000000

Environmental Assessment Number: DE-ET-000004

NEPA Control Number: NED-10-140

CID Number: 000

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (appointed under DOE Order 481.1A), I have made the following determination:

CO, EA, OR APPENDIX AND NUMBER:

As information gathering (including, but not limited to, literature surveys, interviews, audits, data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy audits and demand studies), and assessment (including, but not limited to, document review, pollution, and distribution and equipment layout and information programs), but not including site investigation or environmental monitoring.

located within is proposed to use DOE funding to conduct assessments on green theme energy resources and to integrate the results into an interactive GIS visualization tool. This will involve conducting a desktop study, data collection, analysis and computer modeling activities.

This project involves information gathering and computer modeling activities; therefore a CX AB will apply.

NEPA PROVISIONS

DOE has made a final NEPA determination for this award.

Based on the following factors in the award:

None Given.

0105/05/2010

Signature of NEPA Compliance Officer

NEPA COMPLIANCE OFFICER SIGNATURE

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review needed.

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

Proposed action falls within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office

PMC-EF2a

(2.01.02)

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



RECIPIENT: Bob Lawrence & Associates, Inc.

STATE: VA

PROJECT TITLE : Measuring the Costs and Economic, Social, and Environmental Benefits of Nationwide Geothermal Heat Pump Deployment and The Potential Employment, Energy, and Environmental Impacts of Direct Use Applications

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-EE0000075	DE-EE0002741	GFO-10-065	2741

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:

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

Bob Lawrence & Associates, Incorporated (BL&A) would demonstrate the potential benefits of geothermal heat pump systems by completing a cost-benefit analysis, direct use analysis, and technical assistance (no construction would take place). The project would be divided into two tasks:

- Task 1.0 Geothermal Heat Pump Cost-Benefit Analysis
- Task 2.0 Geothermal Direct Use Analysis and Technical Assistance

BL&A claim no permits are needed and there would be no generation of air emissions and/or toxic/hazardous associated with this work.

This proposal comprises data analysis, and actions to promote the research, development and technical advice on more efficient geothermal technologies; therefore this project is categorized as CX A9 and A11.

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:

2/24/10

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: _____ Date: _____

 Field Office Manager

Based on my review of the information concerning the proposed action, I have made the following determination:
 Order 4212.A.1 has made the following determination:
 CX, EA, EIS CATEGORY AND NUMBER:
 Location:
 All technical advice and planning assistance to tribal, national, state, and local organizations
 All information gathering (including, but not limited to, literature survey, interviews, public data analysis, including
 generic modeling, document preparation, such as conceptual design or feasibility studies, analytical energy audits
 and demand studies) and dissemination (including, but not limited to, document mailing, publication, and distribution
 and classroom training and informational programs), but not including the development or environmental monitoring
 and data collection systems for the project.
 Review for determination:
 Bob Lawrence & Associates, Incorporated (BLA) would demonstrate the potential benefits of governmental best pump
 systems by completing a cost-benefit analysis, direct use analysis, and technical assistance (no construction would
 take place). The project would be divided into tasks:
 Task 1.0 Governmental Best Pump Cost-Benefit Analysis
 Task 2.0 Governmental Direct Use Analysis and Technical Assistance
 BLA does not require any permits and there would be no generation of air emissions and/or hazardous
 associated with this work.
 This proposal compares data analysis and advice to promote the research, development and technical advice on
 more efficient governmental technologies; therefore this project is categorized as CX EA and A11.
 NEPA PROVISION:
 DOE records a final NEPA determination for this event.
 Item the following impacts in the event:
 None to Significant
 None/Minor

NEPA Category Other Specialist: _____
 NEPA Compliance Officer: _____
 NEPA Compliance Officer: _____

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



RECIPIENT: Bob Lawrence & Associates, Inc.

STATE: VA

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Rational for determination:

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This proposal comprises data analysis, and actions to promote the research, development and technical advice on more efficient geothermal technologies; therefore this project is categorized as CX A9 and A11.

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:

2/24/10

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- 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

[Handwritten signature]

 NEPA Compliance Officer

[Handwritten signature]

 NEPA Compliance Officer