


PMC-EF2a
(20102)

**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 #211A1. I have made the following determination:
 CE, EA, EIS APPENDIX AND NUMBER:
 Location:
 All Federal actions and planning activities in international, national, state, and local organizations
 All information gathering (including but not limited to literature surveys, inventories, site visits, data analysis (including
 geologic, hydrologic, historic, and other) studies, analytical studies, energy supply
 and demand studies, and other studies) not limited to document review, publication, and distribution
 and classroom training and informational programs, but not including site characterization or environmental monitoring
 factors for determination:
 Bob Lawrence & Associates, Incorporated (B&A) would demonstrate the potential benefits of governmental first duty
 system by completing a cost-benefit analysis, direct use analysis, and technical assistance (no construction would
 site) (The project would be divided into two tasks)
 Task 1.0 Government First Duty Cost-Benefit Analysis
 Task 2.0 Government Direct Use Analysis and Technical Assistance
 B&A claim no permits are needed and there would be no generation of air emissions and/or toxic substances
 associated with the work.
 This proposal complies with the requirements of the National Environmental Policy Act (NEPA) and the
 most efficient governmental technology. Therefore, this project is categorized as CX AB and A11.
 NEPA PROVISIONS
 DOE has asked that NEPA determination for this work
 be in the following language in the event:
 None in Specific
 None Given
 SIGNATURE OF THE MEMORANDUM SUBMITTER A RECORD OF THIS DECISION
 NEPA Compliance Officer