

PMC-EF2a

(2.0402)

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



RECIPIENT:Oklahoma State University - New Product Development Center

STATE: OK

PROJECT TITLE : Manufacturing Improvement Program for the Oil and Gas Industry Supply Chain

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
JIAC2012AM	DE-EE0006029	GFO-0006029-001	GO6029

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, analysis, and dissemination	Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
A11 Technical advice and assistance to organizations	Technical advice and planning assistance to international, national, state, and local organizations.
B3.6 Small-scale research and development, laboratory operations, and pilot projects	Siting, construction, modification, operation, and decommissioning of facilities for smallscale research and development projects; conventional laboratory operations (such as preparation of chemical standards and sample analysis); and small-scale pilot projects (generally less than 2 years) frequently conducted to verify a concept before demonstration actions, provided that construction or modification would be within or contiguous to a previously disturbed or developed area (where active utilities and currently used roads are readily accessible). Not included in this category are demonstration actions, meaning actions that are undertaken at a scale to show whether a technology would be viable on a larger scale and suitable for commercial deployment.

Rational for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to Oklahoma State University (OSU) to provide energy efficiency technical assistance and guidance to small or medium-sized manufacturing companies. DOE funding would be used to provide energy audits, process and facility analysis, and energy efficiency upgrade guidance and recommendations. Where appropriate, funding would also be used to conduct limited research and development activities to support adaptation of processes, technologies or materials for the future implementation and adoption of recommended efficiency measures at specific manufacturing facilities. Funding associated with this award would not be used to implement efficiency measures

This DOE award is part of a multi-agency Federal Funding Opportunity partnership titled the Advanced Manufacturing Jobs and Innovation Accelerator Challenge (Advanced Manufacturing Jobs Accelerator). This NEPA Determination is for the DOE award.

Energy audits and process and facility analysis work would be completed at selected small or medium-sized manufacturing companies and would involve data collection, analysis and technical advice activities.

Research and development activities would be completed in a laboratory space at the Advanced Technology Research Center (ATRC) on the OSU campus located at 315 Student Union, Stillwater, Oklahoma. If deemed appropriate for a specific manufacture, OSU has noted they may propose to the DOE to perform research and development activities at the specific manufacture's facilities. Due to the undefined scope of work and unknown project locations for these additional activities, the potential impacts of these activities cannot be evaluated; therefore, a NEPA determination for these activities cannot be completed at this time and further NEPA review is required. This NEPA determination does not apply to research and development activities outside of the OSU ATRC laboratory.

OSU has completed an R&D questionnaire addressing the protocols in place for laboratory safety, risk management, chemical handling and waste disposal at the ATRC laboratory. OSU complies with standard laboratory environmental and safety procedures and is under the supervision of the University Safety Program. All handling and disposal of gases, chemicals and hazardous waste comply with appropriate regulations. GMOs would not be used during this project.

This DOE NEPA determination does not apply to undefined research and development activities outside of the OSU ATRC laboratory as described above and are subject to further NEPA review.

Based on review of the project information and the above analysis, DOE has determined the energy audits, process and facility analysis, and technical advice activities as well as research and development activities at the OSU ATRC facility would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed activities are consistent with actions contained in DOE categorical exclusion A9 "information gathering, analysis and dissemination," A11 "technical advice and assistance to organizations," and B3.6 "small-scale research and development, laboratory operations and pilot projects," and is categorically excluded from further NEPA review.

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:

Research and development activities completed in facilities other than the Advanced Technology Research Center on the OSU campus are prohibited at this time and are subject to further DOE NEPA review.

This restriction does not preclude you from:

All other activities proposed in the Statement of Project Objectives.

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 :

This DOE NEPA determination does not apply to undefined research and development activities outside of the OSU ATRC laboratory. Funding for these activities will require an additional NEPA review and approval prior to expenditure of funds for these activities.

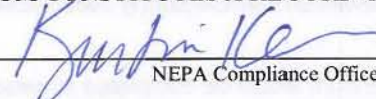
Obadiah Broughton 12/13/2012

DOE funding: \$450,000

Cost share: \$289,799

Total Project Cost: \$739,799

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: 
NEPA Compliance Officer

Date: 12/14/2012

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: _____