

PMC-EF2a

(20402)

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

**RECIPIENT:**Commerce Authority, Arizona**STATE:** AZ

PROJECT TITLE : Assisting the Tooling and Machining Industry to Become Energy Efficient

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
JAC2012AM	DE-EE0006025	GFO-0006025-001	GO6025

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.)

Rational for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to the Arizona Commerce Authority to conduct an Energy Reduction Challenge Grant competition to identify novel technologies that can be implemented on a pilot project basis to reduce energy consumption within the tooling and machining manufacturing process of aerospace and defense industry suppliers. Funding would be used to make up to 10 research and development pilot project sub-awards over three Budget Periods.

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.

This NEPA determination covers information gathering, analysis and dissemination activities associated with the implementation of the grant competition. Due to the undefined scope of work and unknown project locations for the potential sub-awards, the potential impacts of these activities cannot be evaluated; therefore, a NEPA determination for tasks associated with the funding and implementation of the research and development, pilot project sub-awards cannot be completed at this time and further NEPA review is required. This NEPA determination does not apply to Tasks 5.0, 6.0, 12.0, 13.0, 19.0 and 20.0.

Activities under this DOE award would be completed in three Budget Periods as summarized below:

BUDGET Period 1:

- Task 1.0 Identify inefficiencies of energy, time, and material usage in the tooling and machining industry
- Task 2.0 Launch the Energy Reduction Challenge Grant competition
- Task 3.0 Evaluate and select finalist applications
- Task 4.0 Evaluate finalist applications, select sub-awards and negotiate project scope and budgets in coordination with DOE
- Task 5.0 Fund the sub-awards
- Task 6.0 Implement the sub-award projects and complete performance reviews
- Task 7.0 Project management & reporting to DOE

BUDGET Period 2:

- Task 8.0 Identify inefficiencies of energy, time, and material usage in the tooling and machining industry
- Task 9.0 Launch the Energy Reduction Challenge Grant competition
- Task 10.0 Evaluate and select finalist applications
- Task 11.0 Evaluate finalist applications, select sub-awards and negotiate project scope and budgets in coordination

with DOE

- Task 12.0 Fund the sub-awards
- Task 13.0 Implement the sub-award projects and complete performance reviews
- Task 14.0 Project management & reporting to DOE

BUDGET Period 3:

- Task 15.0 Identify inefficiencies of energy, time, and material usage in the tooling and machining industry
- Task 16.0 Launch the Energy Reduction Challenge Grant competition
- Task 17.0 Evaluate and select finalist applications
- Task 18.0 Evaluate finalist applications, select sub-awards and negotiate project scope and budgets in coordination with DOE
- Task 19.0 Fund the sub-awards
- Task 20.0 Implement the sub-award projects and complete performance reviews
- Task 21.0 Project management & reporting to DOE

Tasks involving information gathering, analysis and dissemination activities (CX A9) include: Tasks 1.0, 2.0, 3.0, 4.0, 7.0, 8.0, 9.0, 10.0, 11.0, 14.0, 15.0, 16.0, 17.0, 18.0 and 21.0.

Tasks involving funding of research and development pilot project activities include: Tasks 5.0, 6.0, 12.0, 13.0, 19.0 and 20.0.

This DOE NEPA determination does not apply to Tasks 5.0, 6.0, 12.0, 13.0, 19.0 and 20.0, which are associated with the proposed funding of research and development pilot project sub-awards, as potential impacts from the undefined scopes of work cannot be evaluated. These subtasks are subject to further NEPA review prior to the authorization of federal funds.

Based on review of the project information and the above analysis, DOE has determined that the information gathering, analysis and dissemination activities associated with implementing the grant competition within Tasks 1.0, 2.0, 3.0, 4.0, 7.0, 8.0, 9.0, 10.0, 11.0, 14.0, 15.0, 16.0, 17.0, 18.0 and 21.0 would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed project is consistent with the actions contained in DOE categorical exclusion A9 "information gathering, analysis, and dissemination," 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/NSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:

Tasks: 5.0, 6.0, 12.0, 13.0, 19.0 and 20.0

Any actions involving funding of research and development pilot project activities.

This restriction does not preclude you from:

Tasks: 1.0, 2.0, 3.0, 4.0, 7.0, 8.0, 9.0, 10.0, 11.0, 14.0, 15.0, 16.0, 17.0, 18.0 and 21.0

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 project has a NEPA hold on Tasks 5.0, 6.0, 12.0, 13.0, 19.0 and 20.0 and will require an additional NEPA review and approval prior to expenditure of funds for these activities.

Obadiah Broughton 12/6/2012

DOE funding: \$450,000

Cost Share: \$112,500

Total Project Cost: \$562,500

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

NEPA Compliance Officer

Date: _____

12/10/2012

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: _____

Field Office Manager

Date: _____