

PMC-ND

(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: U.S. Department of Energy - Advanced Manufacturing Office

STATE: Mult

PROJECT TITLE: Industrial Assessment Centers FOA

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0002452		GFO-FOA-0002452	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), 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.

Rationale for determination:

The Department of Energy (DOE) is proposing to issue a Funding Opportunity Announcement (DE-FOA-0002452) that would lead to the selection of up to 35 U.S. colleges or universities. These schools would be designated "Industrial Assessment Centers" (IACs). The IAC program is a manufacturing efficiency and workforce development initiative of DOE's Advanced Manufacturing Office based in the engineering departments of colleges and universities nationwide.

The selected IACs would train at least 10 students (graduate and undergraduate) annually, issue certificates of achievement to at least 5 students annually, and conduct approximately 20 assessments for small to medium-sized enterprises (SMEs). At least 10% of the assessments would be completed at wastewater treatment and water resource recovery facilities. The assessments would focus on areas of energy and water savings, waste reduction and productivity improvements. Additionally, cybersecurity screenings, identification of smart manufacturing, decarbonization and electrification opportunities, and resiliency planning would also be completed with the assessments. Upon completion of the assessments, recommendations would be reported to the SMEs together with estimates of the energy savings, implementation costs, and payback periods.

Anticipated activities under this FOA would include education and outreach efforts, data analysis, computer modeling, and technical assistance, along with reporting and program management activities.

NEPA PROVISION

DOE has made a final NEPA determination.

Include the following condition in the financial assistance agreement:

This NEPA Determination applies to the issuance of the FOA as well as all awards selected under the FOA, provided the scope of the selected awards remains consistent with the intent of the FOA as currently described. If selected applicants propose to use project funds for activities outside the scope of this NEPA Determination, additional NEPA review would be required.

Notes:

Advanced Manufacturing Office
This NEPA Determination does not require a tailored NEPA provision.
NEPA review completed by Diana Heyder, 02/02/21

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposal defined in the Rationale above) fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

The proposed action is categorically excluded from further NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:

 Electronically Signed By: Casey Strickland
NEPA Compliance Officer

Date: 2/4/2021

FIELD OFFICE MANAGER DETERMINATION

- Field Office Manager review not required
- Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature:

Field Office Manager

Date: