PMC-FF2a

(2,04,02)

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



RECIPIENT: State of Wisconsin SEP ARRA EE000164-DeltaHawk Engines, Inc.

STATE: WI

PROJECT TITLE:

**Energy Efficient Engines** 

DE FOA0000052

Funding Opportunity Announcement Number Procurement Instrument Number NEPA Control Number CID Number

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:

- B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting. improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.
- Transfer, lease, disposition, or acquisition of interests in personal property (e.g., equipment and materials) or real property (e.g., permanent structures and land), if property use is to remain unchanged; i.e., the type and magnitude of impacts would remain essentially the same.
- B1.31 Relocation of machinery and equipment, such as analytical laboratory apparatus, electronic hardware, maintenance equipment, and health and safety equipment, including minor construction necessary for removal and installation, where uses of the relocated items will be similar to their former uses and consistent with the general missions of the receiving structure.

## Rational for determination:

The State of Wisconsin will provide \$400,000 in Recovery Act funds to DeltaHawk Engines for working capital and equipment in support of the company's plans to set up an assembly plant for the production of airplane engines. DeltaHawk Engines, Inc. is located at 2903 Golf Avenue, Racine, WI 53404

Delta Hawk is designing and building a family of engines from 100 to 650 horsepower that will be 40% more fuel efficient, lightweight, less complicated in design, and engineered to use commercial jet fuel. Recovery Act funds will be used for working capital to set up an assembly plant for volume production of the engines and to purchase inventory for the next twenty (20) engines.

This project will take place in DeltaHawk's existing facilities and will not expand the footprint of the plant. The work is consistent with the operations of the company; no new permits are required.

In view of the information provided by the State and recipient, DOE has been determined that the project is not likely to have a significant impact to human health and/or environment. The work outlined is consistent with activities identified in Categorical Exclusion A7, B5.1 and B1.31.

## NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist:

According to the project officer, funding for this project is \$400,000. Absent a significant change in the scope of this

effort, a change in funding will not affect my determination.

NEPA Compliance Officer Signature:	Date:	10
	NEPA Compliance Officer	
FIELD OFFICE MANAGER DETE	RMINATION	
*		
☐ Field Office Manager review requ	red	
NCO REQUESTS THE FIELD OFF	CE MANAGER REVIEW FOR THE FOLLOWING REASON:	
	orical exclusion but involves a high profile or controversial issue that warrants Field Off	ice
Manager's attention.  ☐ Proposed action falls within an EA	or EIS category and therefore requires Field Office Manager's review and determination	i.
BASED ON MY REVIEW I CONCU	R WITH THE DETERMINATION OF THE NCO :	
Field Office Manager's Signature:	Date:	
gendez referencial le principal le	Field Office Manager	