

PMC-EF2a

(2.04.02)

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



RECIPIENT: Tulsa Public Schools

STATE: OK

PROJECT TITLE : OKLAHOMA SEP ARRA - School Bus CNG Conversion Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-FOA0000052	GFO-10-293	0

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.

Rational for determination:

The State of Oklahoma intends to provide \$3,950,112 of Recovery Act funds to the Tulsa Public Schools to convert 140 school buses from engines that run on diesel fuel to engines that run on the more efficient Compressed Natural Gas (CNG). The conversion will consist of the removal of the DT466-E diesel engines in each of the 140 buses and the installation of Phoenix NG 7.6 l 265hp Compressed Natural Gas engines manufactured by Emission Solutions, Inc. Additionally, the buses will be installed with 40-gallon diesel equivalent Compressed Natural Gas tanks manufactured by enviroMECH Industries.

In view of the information provided by the State and recipient, that the diesel engines and blocks will be recycled so that no material will be discarded to landfill, that the work will be performed by certified personnel in facilities permitted for work required, and that the nature of the work falls within activities identified in the SEP Template, I have determined that the project is classified and Categorical Exclusion B5.1.

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 \$3,950,112. Unless the scope of this effort changes significantly, a change in funding will not effect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

NEPA Compliance Officer

Date: _____

3/30/10

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

STATE: OK PROJECT TITLE: GULFSTREAM BEP AREA - Gulfstream BEP Conversion Project

NEPA Central Number: 000-10-285 DE-FO4000022

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 401.1A), I have made the following determination:

CF, EIS, AND NEPA NUMBER:

Description:

BB-1 Action to conserve energy, demonstrate efficient energy conservation, and promote energy efficiency that do not increase the net use of energy or require additional energy consumption. These actions may involve financial and technical assistance to individual business, consumer, developer, or organization (such as utilities) and state and local government. Covered actions include, but are not limited to, programmed lighting of the most energy efficient placement of lights on hot water heaters, installation of solar hot water systems, installation of efficient lighting improvements in general industry and agriculture, development of energy-efficient manufacturing or industrial practices, and energy conservation and renewable energy research and development and pilot projects. The actions do not involve building, renovation or new structures in commercial, residential, agricultural, or industrial sector. These actions do not include retrofits, standard-setting, or proposed DOE legislation.

Rational for determination:

The State of Oklahoma intends to provide \$2,500,000 of Recovery Act funds to the Tulsa Public Schools to cover the cost of installing 100,000 compact fluorescent light bulbs in the Tulsa Public Schools. The conversion will consist of the removal of 100,000 incandescent light bulbs and the installation of 100,000 compact fluorescent light bulbs. The bulbs will be installed with 40-watt compact fluorescent light bulbs manufactured by GE Lighting.

In view of the information provided by the State and recipient, that the diesel engine and boiler will be recycled so that no material will be discarded to landfill, that the work will be performed by certified personnel at facilities permitted for work received, and that the nature of the work that will be performed is described in the SEP Template, I have determined that the project is classified as a Categorical Exclusion 2.1.

NEPA PROVISION:

2.1 Categorical Exclusion 2.1 - Landfill, storage, or other disposal of material that is not hazardous waste.

Justify the following language in the record:

None to Specifier:

According to the Project Officer, funding for the project is \$2,500,000. Unless the scope of the effort changes significantly, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM COMPLETION OFFICER OF THIS DECISION:

NEPA Compliance Officer Signature: _____

FIELD OFFICE MANAGER DETERMINATION:

Field Office Manager review required