PMC-EF2a

(2.06.02)

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

RECIPIENT: City of Chicago **STATE:** IL

PROJECT TITLE : Chicago Climate Action Plan Advanced Transportation Technologies Initiative

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
n/a	DE-FG36-06O86052	GFO-GO86052-001	GO86052

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.

A9 Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

Rational for determination:

The Department of Energy proposes to provide federal funding to the City of Chicago, Illinois Climate Action Plan Advanced Transportation Technologies Initiative (CAPATT) for partial support of four (4) energy-efficiency and renewable energy transportation sub-projects, as defined in the revised SOPO (DE-FG36-06GO86052/004 – Attachment #5):

- Task 2: Chicago Department of Fleet Management: Electric Refuse Truck Pilot Project
- Task 3: I-GO and Zipcar Plug-In Electric Vehicle Deployment
- Task 4: Chicago Department of Environment Project Management Personnel
- Task 5: Project Management and Reporting

The original Task 1 will be resubmitted by the recipient and this NEPA Determination is conditioned to exclude it (see NEPA Provision below). All four remaining tasks would be undertaken within the City of Chicago: Task 2 is an electric refuse truck purchase and in-use performance testing; Task 3 would fund partial build-out of car-sharing fleets through partnerships with two Chicago corporations. Task 4 would provide two years funding to staff one position in the Chicago Department of Environment Management to perform analysis and oversight functions.

Task 2 would involve purchase and operation of five electric refuse trucks. These vehicles would be used for normal refuse pick-up in areas with dense populations and high visibility in order to demonstrate this technology to the public. Vehicles will be operated by the Chicago Department of Streets and Sanitation. Task 3 would provide subsidies for the cost of plug-in electric vehicles that are part of Chicago's public/private car-sharing program. In addition to electric vehicle purchases, 12 existing share-cars would be converted to electric engines. Task 4 would fund a recipient staff position to manage and oversee successful completion of these alternative energy transportation initiatives.

The Department of Energy has determined that the Chicago Department of Environment's electric refuse truck and electric car-share projects, and analysis and oversight activities are limited to: 1) pilot projects demonstrating the energy and cost efficiency of alternative energy technologies in the urban transportation sector, and 2) efficiency data gathering and analysis. CX A9 and B5.1 apply.

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:
Task 1 is prohibited until Task 1 has been redefined and a NEPA Determination for Task 1 has been completed.
This restriction does not preclude you from:
Funding Task 2 through Task 5.
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 :

John DuWaldt 9.08.2011

DOE Funding: $ 1,772,401
Total Project Cost: $ 4,095,850

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 9/9/2011
NEPA Compliance Officer

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