

FMC-112a

(0.0102)

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



RECIPIENT: City of Ann Arbor

STATE: MI

PROJECT TITLE : Ann Arbor Wind Generator

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0000447	GFO-0000447-001	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:

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 City of Ann Arbor is proposing to use federal funding to select, purchase and construct one or more wind generators (wind turbines). The proposed project would also include public outreach and education to raise awareness about wind energy. Finally, the installed generator(s) would be used as a research platform on which to test new wind technologies, such as new blade designs and materials or gearboxes, among other potential innovations.

The City of Ann Arbor is in the conceptual design and environmental studies phase of the proposed project. The following review is for tasks associated with information gathering, data analysis, document preparation and dissemination. At this time, any task associated with site characterization, environmental monitoring or wind generator selection or purchase is prohibited.

Tasks include:

Phase 1: Siting Analysis

Task 1.0 – Selection of Project Developer

Subtask 1.1: Write and issue RFP.

Subtask 1.2: Review RFP and contract with selected developer.

Task 2.0 – Site Analysis

Subtask 2.1: Conduct fatal flaw analysis of primary site that addresses setbacks, wind regime, access to interconnection, wildlife and natural features impacts.

Subtask 2.2: If issues are identified at the primary site, conduct fatal flaw analyses of additional sites.

Subtask 2.3: Conduct detailed micro-siting analysis, including site-level wind analysis to determine ideal siting of generator.

Task 3.0 – Outreach and Education

Subtask 3.1: Work with local nonprofit(s) to design educational programs.

Subtask 3.2: Assist as necessary with implementation of educational programs.

Phase 2: Wind Generator Procurement and Installation

Task 4.0 – Wind Generator Selection and Procurement

Subtask 4.1: Identify required wind generator characteristics, based on site constraints, wind regime, and research applicability.

Subtask 4.2: Issue RFP for wind generator(s) that meets identified criteria.

Subtask 4.3: Select generator(s) and contract for delivery to site.

Task 5.0 – Wind Generator Installation

Subtask 5.1: Issue RFP for contractor to install wind generator and balance of system.

Subtask Subtask 5.2: Review RFP and select contractor.

Subtask Subtask 5.3: Manage contract through the successful installation of the wind generator.

Task 6.0 – Research & Educational Partnering

Subtask Subtask 6.1: Request proposals for research projects from research partner(s).

Subtask Subtask 6.2: Review and select proposals for funding.

Subtask Subtask 6.3: Coordinate with selected proposers to facilitate completion of research projects.

Task 7.0 – Project Reporting

Task 1.0 would involve the selection of the project developer, writing and issuing an RFP and hiring a project developer to be responsible for micro-siting, generator selection, site design, engineering and construction management.

Task 2.0 would involve site analysis. A fatal flaw analysis of a site would address setbacks, wind regime, access to interconnection, wildlife and natural feature impacts. At this time, more information on how this task will be performed is needed for DOE to make a determination.

Task 3.0 would involve outreach and education. The City of Ann Arbor would work with local nonprofit(s) to design educational programs and hold community outreach and informational sessions to discuss the project and its impacts on neighboring properties.

Task 4.0 would involve wind generator selection and procurement. The required wind generator characteristics would be selected based on site constraints, wind regime, and research applicability. The selected wind generator would be delivered to the site. At this time, more information is needed for DOE to make a determination.

Task 5.0 would involve issuing an RFP for a contractor to install the wind generator and balance the system. At this time, more information is needed for DOE to make a determination.

Task 6.0 would involve research and educational partnering.

Task 7.0 would involve project management and reporting.

In view of the information provided by the State and the recipient, DOE has determined that the impacts related to Tasks 1.0, 3.0 and 6.0-7.0 of the proposed project are anticipated to have negligible effects on the human and natural environment. Tasks 1.0-3.0 and 6.0-7.0 are consistent with actions outlined in A9 (information gathering) and are, therefore, categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

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 2.0

Task 4.0

Task 5.0

This restriction does not preclude you from:

Task 1.0

Task 3.0

Task 6.0

Task 7.0

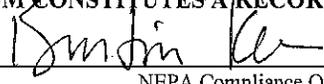
If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

Cristina Tyler: 4.6.2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

4/12/2011

NEPA Compliance Officer Signature: 
NEPA Compliance Officer

Date: ~~4/10~~

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: _____
Field Office Manager

Date: _____