

PMC-EF2a

(2.04.02)

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



RECIPIENT: Oklahoma Department of Commerce

STATE: OK

PROJECT TITLE : OKLAHOMA SEP ARRA - Washita County Detention Facility

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	EE0000133	GFO-09-332-010	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 Washita County Public Facilities Authority is proposing to install a 75-ton closed-loop Ground Source Heat Pump (GSHP) system to help meet the energy demands of the Washita County Justice Center, an approximate 29,000sqft facility. The system will require 60 bore holes of approximate 250ft depth in an area covering 1200sqft. Test bores have been drilled to identify the strata of the wells and to provide data to support the intended purpose of the system. The State and applicant have assured the Department of Energy that they will comply with Underground Injection Control (UIC) Regulations and National Pollutant Discharge Elimination System (NPDES) Regulations.

The facility is located in an industrial park within the City of New Cordell. The affected area is an open field adjacent to the Center that was previous used for agricultural purposes. The connecting pipes for the 60 bore holes will be subsurface. Trenching will be required to install the connecting pipes, but the area then restored to original condition. No piping will be exposed above ground until near entry into the Center. The system will use potable water.

Based on the information provided by the State and applicant and in view of assurance to comply with UIC and NPDES regulations, I have determined that the work identified can be classified as Categorical Exclusion B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

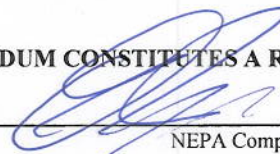
Insert the following language in the award:

Note to Specialist :

According to the Project Officer, the funding associated with this project is \$400,000. Unless the scope of this effort changes significantly, a change in funding total will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:



NEPA Compliance Officer

Date:

2/24/10

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

NEPA Compliance Officer Signature: _____
 Date: 2/24/10

SIGNATURE OF THE MEMORANDUM COMPLETES A RECORD OF THIS DECISION.

According to the Project Office, the funding associated with this project is \$400,000. Unless the scope of the effort changes significantly, a change in funding will not affect my determination.

Per to Special:

from the following page in the event:

NEPA PROVISION:

XXX has made a final NEPA determination for this work.

The facility is located in an industrial park within the City of New Canaan. The affected area is an open field adjacent to the Center that was previously used for agricultural purposes. The connecting pipes for the 60 bore holes will be excavated. trenching will be required to install the connecting pipes, but the area then restored to original condition. No piping will be exposed above ground until near entry into the Center. The system will use potable water.

The State and applicant have secured the Department of Energy that they will comply with Underground Injection Control (UIC) Regulations and National Pollution Discharge Elimination System (NPDES) Regulations.

factories. The system will require 60 bore holes of approximately 300ft depth in an area covering 1300sqft. Test bores have been drilled to identify the strata of the well and to provide data to support the intended purpose of the system.

(GSPR) system to help meet the energy demands of the Virginia County Justice Center, an approximately 28,000sqft facility. The Virginia County Facilities Authority is proposing to install a 75-ton closed-loop Ground Source Heat Pump (GSHP) system to help meet the energy demands of the Virginia County Justice Center, an approximately 28,000sqft facility.

sector. These actions do not include trenching, slant-drill-bores, or proposed DOE legislation.

The actions could include building new structures or new structures in commercial, residential, agricultural, or industrial settings. These actions do not include trenching, slant-drill-bores, or proposed DOE legislation.

improvements in general efficiency and supports efficiency ratings. development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects.

placement of lines on hot water heaters, installation of solar hot water systems, installation of efficient lighting.

and local government. Government action includes, but is not limited to, programmatic lowering of thermostat settings, incentives to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state increases the water conservation of privately owned residences. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state

BS-1. Action to conserve energy, eliminate potential energy conservation, and promote energy efficiency that do not