

PMC-EF2a

(2.04.02)

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



RECIPIENT: City of Norman, OK

STATE: OK

PROJECT TITLE : OKLAHOMA SEP ARRA - City of Norman Fast Fill Station

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052			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.
- B1.15** Siting, construction (or modification), and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; employee health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (including security posts); fire protection; and similar support purposes, but excluding facilities for waste storage activities, except as provided in other parts of this appendix.

Rational for determination:

The State of Oklahoma will provide \$945,000 in Recovery Act funds to the City of Norman to build a CNG station at the City's Corporation Yard (Yard) located at 1301 Da Vinci Street. The site and surrounding area is best characterized as commercial. The site is paved and hosts the City's sanitation, fleet management and utilities, and traffic center operations. The work will be conducted on previously disturbed land.

The CNG station will occupy less than an acre of land and include quick fill and trickle fill capabilities to accommodate short turn-around fill-ups or over-night and off-peak hour fill-ups. The station is comprised of three basic elements: (1) the compressor skid, (2) the fast fill dispenser and island, and (3) the time fill dispensers. The compressor skid (1) will be made up of dual redundant compressors of the same size and a dryer to remove moisture before the gas is compressed, a control panel, and above ground storage vessels. This entire arrangement will be in a fenced area of 30 X 40 feet. The skid, mounted on a concrete pad with the compressors, dryer, and controls will occupy an area of approximately 27 X 10 feet with the storage vessels mounted 15 feet from the skid on its own concrete pad of about 2 X 30 feet. The fast fill dispenser (2) will have its own concrete island of approximately 4 X 6 feet and located about 300 feet from the compressor skid off Da Vinci Street in front of the City's Yard. The fast fill facility will include installation of the dispenser, a card reader, a paved area for public entrance and exit, and a canopy for the CNG dispenser. The fast fill dispenser will be a two hose dispenser and arranged in the middle of an apron of 100 feet X 60 feet to accommodate larger vehicles such as refuse trucks and school buses. The fast fill dispenser area will occupy less than ¼ to ½ acre of land. The trickle fill (3) arrangement will be in the parking lot of the City's fleet operations and extend up to 500 feet from the compressor skid/area.

The station will include above ground CNG tanks and above ground piping to be installed at the dispensers. Some underground trenching will take place within the Yard to extend the gas line to the facility and to each dispenser. The electric motor driven compressors will be installed to proper NFPA 52 safety standards on the concrete pads designed to handle these loads and connected to existing electrical power on site.

In view of information provided by the State and recipient, that the project involves a commercial, paved area on previously disturbed land, it is concluded that the work outlined is consistent with activities identified in Categorical Exclusion B5.1 and B1.15.

NEPA PROVISION

DOE has made a final NEPA determination for this award

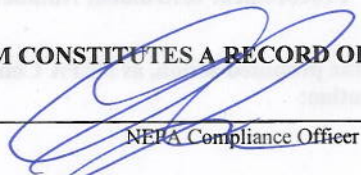
Insert the following language in the award:

Note to Specialist :

According to the project officer, funding for this project is \$945,000. Unless there is a significant change in the scope of this effort, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



NEPA Compliance Officer

Date: 6/3/10

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: _____