

U.S. DEPARTMENT OF ENERGY  
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY  
NEPA DETERMINATION



RECIPIENT: City of Plano, Texas

STATE: TX

PROJECT TITLE : Repurpose Request for EECBG Financing Program Funds - Plano, Texas

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0000013	DE-EE0000969	GFO-0000969-002	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

Description:

**A9 Information gathering, analysis, and dissemination**

Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

**A11 Technical advice and assistance to organizations**

Technical advice and planning assistance to international, national, state, and local organizations.

**B2.2 Building and equipment instrumentation**

Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors and alarms, and safeguards and security equipment).

**B5.1 Actions to conserve energy or water**

(a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations (such as utilities), and governments (such as state, local, and tribal). Covered actions include, but are not limited to weatherization (such as insulation and replacing windows and doors); programmed lowering of thermostat settings; placement of timers on hot water heaters; installation or replacement of energy efficient lighting, low-flow plumbing fixtures (such as faucets, toilets, and showerheads), heating, ventilation, and air conditioning systems, and appliances; installation of drip-irrigation systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fleet changeout); power storage (such as flywheels and batteries, generally less than 10 megawatt equivalent); transportation management systems (such as traffic signal control systems, car navigation, speed cameras, and automatic plate number recognition); development of energy-efficient manufacturing, industrial, or building practices; and small-scale energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building renovations or new structures, provided that they occur in a previously disturbed or developed area. Covered actions could involve commercial, residential, agricultural, academic, institutional, or industrial sectors. Covered actions do not include rulemakings, standard-settings, or proposed DOE legislation, except for those actions listed in B5.1(b) of this appendix. (b) Covered actions include rulemakings that establish energy conservation standards for consumer products and industrial equipment, provided that the actions would not: (1) have the potential to cause a significant change in manufacturing infrastructure (such as construction of new manufacturing plants with considerable associated ground disturbance); (2) involve significant unresolved conflicts concerning alternative uses of available resources (such as rare or limited raw materials); (3) have the potential to result in a significant increase in the disposal of materials posing significant risks to human health and the environment (such as RCRA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.

**B5.23 Electric vehicle charging stations**

The installation, modification, operation, and removal of electric vehicle charging stations, using commercially available technology, within a previously disturbed or developed area. Covered actions are limited to areas where access and parking are in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

## Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to repurpose \$765,500 of American Recovery & Reinvestment Act (ARRA) funds awarded to the City of Plano, Texas from a Revolving Loan Fund (RLF) to a grant program. This would reduce the City's loan loss reserve from \$865,421.00 to \$99,921.00.

DOE previously completed a NEPA Determination (ND) for activities reviewed under ARRA funded award DE-EE0000969. The review below covers the four proposed projects to be implemented under the repurposed dollars. This ND supersedes the previous ND for any activities proposed to be implemented under the repurposed dollars.

1. The City would repurpose ARRA funds to purchase a 2023 CCC Automated Electric Refuse Truck to support residential collections. EECBG funds will cover most of the cost and the remaining will be funded by Fleet Services Equipment Replacement Fund. No impacts to resources would result from this activity.
2. The City would repurpose ARRA funds to offer energy efficiency retrofit grant projects for nonprofit organizations that operate homeless shelters in single-family home structures. Up to seven structures would receive improvements. Improvements would include procurement and installation of tankless water heaters, attic insulation, vent installation systems (such as ridge, soffit, and whirly turbine), energy efficient windows, weatherization and weather stripping, HVAC control panels, radiant barriers, door replacement, low-flow showerheads, low-flow toilets, low-flow faucets, ceiling fans, electrical panel upgrades, radiant roof barrier, furnace replacement, and energy efficient appliances. All activities would adhere to the requirements of the State of Texas' DOE executed Historic Preservation Programmatic Agreement (PA), would not require tree removal or tree trimming, and would not require structural reinforcement. The proposed improvements would not require ground disturbance, or change the use, mission, or operation of the existing buildings.
3. The City would repurpose ARRA funds to hire a consultant to conduct a Green Fleet Study of the City's fleet and infrastructure. This would include desktop activities and potential audits. No ground disturbance or other impacts to resources would result from this activity.
4. The City would repurpose ARRA funds to install new and enhance existing electric vehicle (EV) charging stations and infrastructure across the City. Three new charging stations would be installed within existing, city-owned parking lots. Locations are yet to be finalized but would be limited to existing paved or concrete city-owned parking lots. Activities would include connection to existing electric utilities, concrete work, installation of conduit and site preparation, and installation of chargers.

The City will adhere to the terms and restrictions of the DOE executed Historic Preservation Programmatic Agreement for the State of Texas. DOE executed Historic Preservation Programmatic Agreements are available at <https://www.energy.gov/node/812599>.

Minimal air emissions may result from the use of diesel-powered vehicles and equipment during installation and construction activities. However, significant air impacts are not anticipated as emissions would be temporary and intermittent. Existing governmental and corporate health, safety, and environmental policies and procedures would be followed at all facilities, including personnel training, proper personal protective equipment (PPE), engineering controls, monitoring, and internal assessments. Hazards associated with building improvements and EV installation include use of construction equipment, power tools, machinery, scaffolding and lifts, working with electricity, and potential exposure to lead-based paint and asbestos. Employee training, proper protective equipment, and internal safety reviews and assessments would be utilized to mitigate hazards. The City of Plano would observe all applicable federal, state, and local health, safety, and environmental regulations. DOE does not anticipate any impacts to resources of concern due to the proposed activities of the project.

## NEPA PROVISION

DOE has made a final NEPA determination.

Include the following condition in the financial assistance agreement:

1. The City must adhere to the terms and restrictions of its DOE executed Historic Preservation Programmatic Agreement with the State of Texas. DOE executed Historic Preservation Programmatic Agreements are available at <https://www.energy.gov/node/812599>.
2. The City is responsible for reviewing the online NEPA and Historic preservation training at

[www.energy.gov/node/4816816](http://www.energy.gov/node/4816816) and contacting [EECBG.NEPA@ee.doe.gov](mailto:EECBG.NEPA@ee.doe.gov) with any EECBG NEPA or historic preservation questions.

3. The City is required to submit an annual Historic Preservation Report in the Performance and Accountability for Grants in Energy system (PAGE) at <https://www.page.energy.gov/default.aspx>.

4. The City is required to submit quarterly reports in the form of a NEPA Log. Sample NEPA Logs can be found at: [www.energy.gov/node/4816816](http://www.energy.gov/node/4816816). NEPA Logs must be submitted to [EECBG.NEPA@ee.doe.gov](mailto:EECBG.NEPA@ee.doe.gov) and the City's DOE Project Officer.

Notes:

Office of State and Community Energy Programs - EECBG  
This NEPA Determination requires legal review of the tailored NEPA provision.  
NEPA review completed by Amy Lukens, 11/27/2023.

#### FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposal defined in the Rationale above) fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

The proposed action is categorically excluded from further NEPA review.

#### SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: \_\_\_\_\_



Casey Strickland

NEPA Compliance Officer

Date: 11/28/2023

#### FIELD OFFICE MANAGER DETERMINATION

- Field Office Manager review not required  
 Field Office Manager review required

#### BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: \_\_\_\_\_

Field Office Manager

Date: \_\_\_\_\_