

PMC-EF2a

(2.04.02)

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



RECIPIENT: City of Greensboro

STATE: NC

PROJECT TITLE : 4. Solar LED Street Lights for Phase 1A Downtown Greenway ARRA-EECBG Strategy-Only

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000013	DE-EE0000767.001		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:

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:

DOE funds will be used to install solar powered LED street lights for Phase IA of the Downtown Greenway. The Downtown Greenway is a proposed 4.2 mile walking and biking trail that will loop around downtown Greensboro. The proposed area for installation of the solar lighting is approximately 1500 feet along Freeman Mill Rd between West Lee Street and Spring Garden Street. This area lies between several major streets and will cross railroad tracks. The surrounding area is mainly developed and includes several commercial buildings. The solar LED street lights will be installed in place of grid-tied street lights with traditional lamp technologies. The solar lights will require only installation of poles (the planned traditional light fixtures that were to be installed would have resulted in more excavation and trenching to run electric lines), and no adverse environmental impacts are anticipated to occur.

Prior to the expenditure of Federal funds to implement any of the above-mentioned activities, Greensboro has the affirmative responsibility to ensure that it has a waste management plan addressing waste generated by their proposed actions. The plan will describe the plan to dispose of any sanitary or hazardous waste, e.g. construction and demolition debris, old light bulbs, lead ballasts, piping, roofing materials, discarded equipment, debris, asbestos, etc. generated as a result of the proposed project. The recipient must ensure that it will comply with all federal, state and local regulations for waste disposal.

If the entire activity exceeds one acre, prior to expenditure of federal funds to implement any of the above-mentioned activities, Greensboro has the affirmative responsibility to ensure that all construction stormwater will be handled in compliance with a State Erosion Control Permit per the North Carolina Sedimentation Pollution Control Act. This activity is categorically excluded under NEPA under B5.1 Actions to Conserve Energy.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

