



PMC-EF2a

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



(2.04.02)

RECIPIENT: City of Long Beach

STATE: CA

PROJECT TITLE : Municipal Energy Efficiency Retrofits

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0000866	GFO-10-636	EEO

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 City of Long Beach, California proposes to use EECBG funding for the purchase and installation of their Municipal Energy Efficiency Retrofits Project which will include individual and whole system lighting change-outs, HVAC equipment updates, glazing/window tinting, and cool roof installations. Upon completion the Municipal energy efficiency retrofits will save money, reduce the City's electricity use, reduce greenhouse gas emissions and will support green jobs and a market for energy efficient products/supplies.

Cool roofing installation will include the cleaning of existing roofing materials on identified buildings and the installation of ICE Coating which is a highly reflective, heavy build, elastomeric roof coating comprised of a nanotechnology-engineered blend of acrylic latex polymer. This material is asbestos free which can be used as either a new coating or as a restoration coating over compatible and properly prepared existing coatings. Additionally, this project has already applied for and received a building roof replacement (BRR) permit.

All buildings identified for cool roofing installation have been reviewed by the state SHPO and were determined as not meeting federal, state, or local designations as historical landmarks; a copy of this documentation was attached with the EF-1 submittal in the PMC. Additionally, the City of Long Beach has an established Waste Management Plan in place for this project and its associated activities.

There would be no or negligible impacts to biological resources, cultural resources, wetlands, or other sensitive habitats as this project will be located across a highly developed, urbanized area.

Based on the information above, this project is Categorical Excluded from further NEPA review under CX B 5.1, 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 :

EF-2a prepared by Bill Knapp.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: [Signature]
NEPA Compliance Officer

Date: 9/21/10

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: _____