PMC-EF2a

(2.06.02)

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

RECIPIENT: Colorado Governor's Energy Office **STATE:** CO

PROJECT TITLE : COLORADO SEP ARRA - Capital Invest - Simla NEED grant

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052		GFO -10-607	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:

B1.4 Installation or modification of air conditioning systems required for temperature control for operation of existing equipment

B2.1 Modifications of an existing structure to enhance workplace habitability (including, but not limited to: improvements to lighting, radiation shielding, or heating/ventilating/ air conditioning and its instrumentation; and noise reduction).

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 State of Colorado will provide $200,000 in Recovery Act funds to The Evangelical Lutheran Good Samaritan Society (Good Samaritan) to implement a number of energy efficiency measures at its long-term care facility located at 320 Pueblo Avenue, Simla, Colorado, 80835.

Good Samaritan will use Recovery Act funds to Add R-38 Attic Insulation, R-12 Wall Insulation, and Retrofit R-12 Slab Edge Insulation; for Lighting Retrofits; to Upgrade its Electric Service from 400amps to 600amps; to Add Load Control and Change MVEA Rate Schedule System Capability; and to install a Geothermal Domestic Hot Water and HVAC System.

The geothermal system will be closed-loop and 33 tons in capacity and require approximately 114 bore holes drilled to a depth of 400 feet. The system will be installed in an existing dirt parking lot to the south of the facility. The parking lot will be backfilled to grade and compacted to its original state. A header trench, approximately five feet in depth will be excavated to the south end of the building, backfilled, compacted, and re-seeded to grass by the owner. The system will use potable Water with 20% Methyl Alcohol or Potable Water with 25% Propylene Glycol depending on outcome of the engineering analysis. The installation contractor will be state-certified and follow GSHP installation guidelines and IGSHP Association and the NGWA recommendations for Closed Loop Systems.

The work proposed will not impact wetlands, flood plains, or cultural resources. Given that the facility is located in the downtown area of Simla, there is little likelihood that work will impact threatened or endangered species.

In view of the information provided by the State and recipient, DOE has determined that the work outlined is unlikely to have a significant impact to human health and/or environment. The work is consistent with activities outlined in Categorical Exclusion B1.4, B2.1 and B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Insert the following language in the award:

You are required to:
provide notice to the DOE project officer and NEPA compliance officer should any of the insulation work require the handling/removal of asbestos.

consult with the State Historical Preservation Office before initiating work that might adversely impact the historical significance of the building.

Note to Specialist :

According to the project officer, funding for this project is $200,000. Absent 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: _____ Date: 8/31/10
NEPA Compliance Officer

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