U.S. Department of Energy
Categorical Exclusion Determination Form

Program or Field Office: EECBG-EERE/RW

Project Title: Professional Design Services for Oak Park Village Hall Council Chambers HVAC Improvements

Location: Illinois Village of Oak Park

Proposed Action or Project Description:

American Recovery and Reinvestment Act: ☒

This funding will be used to fund Professional Design Services for Oak Park Village Hall Council Chambers HVAC Improvements. The contractor will prepare engineering documents for a Village Hall Council Chambers HVAC retrofit project, given the following guidance:

Objective: Reduce electrical energy consumption and energy costs by installing a new high efficiency cooling tower with variable frequency drive (VFD) fan controls.

Issues and Observations: The BAC cooling tower (Model BLT 200B) serving the two chillers is an original 1977 unit. The evaporator fans are constant speed units with no modulation control. Engineering staff indicated meeting specific capacity requirements is an issue due to the inability to modulate the evaporator fan speed.

Categorical Exclusion(s) Applied:

X - B1.4 Installation/modification of air conditioning systems for existing equipment

X - B1.5 Improvements to cooling water systems within existing building, structure

X - B2.2 Installation of/improvements to building/equipment instrumentation (remote controls, emergency warning systems, monitors)

X - B5.1 Actions to conserve energy

*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR10 21 Click Here

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action is not "connected" to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: Othalene Lawrence Digitally signed by Othalene Lawrence DN: cn=Othalene Lawrence, o=OIBMS, ou=EERE, email=Othalene.Lawrence@ee.doe.gov, c=US Date: 2010.07.08 01:15:44 -04'00' Date Determined: Jul 7, 2010

Comments:

Webmaster: Lawrence Digitally signed by Lawrence DN: cn=Lawrence, o=Energy Enterprise Solutions, ou, email=Lawrence.Wiggins@hq.doe.gov, c=US Date: 2010.07.08 11:56:13 -04'00'

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