PMC-EF2a

(2.06.02)

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

RECIPIENT: Oregon Department of Energy **STATE:** OR

PROJECT TITLE: Oregon EECBG Formula – City of Winston

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000013			EE0

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:

B1.3 Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures (e.g., pathways, roads, and railroads), vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed. Custodial services are activities to preserve facility appearance, working conditions, and sanitation, such as cleaning, window washing, lawn mowing, trash collection, painting, and snow removal. Routine maintenance activities, corrective (that is, repair), preventive, and predictive, are required to maintain and preserve buildings, structures, infrastructures, and equipment in a condition suitable for a facility to be used for its designated purpose. Routine maintenance may result in replacement to the extent that replacement is in kind and is not a substantial upgrade or improvement. In kind replacement includes installation of new components to replace outmoded components if the replacement does not result in a significant change in the expected useful life, design capacity, or function of the facility. Routine maintenance does not include replacement of a major component that significantly extends the originally intended useful life of a facility (for example, it does not include the replacement of a reactor vessel near the end of its useful life). Routine maintenance activities include, but are not limited to: (a) Repair of facility equipment, such as lathes, mills, pumps, and presses; (b) Door and window repair or replacement; (c) Wall, ceiling, or floor repair; (d) Reroofing; (e) Plumbing, electrical utility, and telephone service repair; (f) Routine replacement of high-efficiency particulate air filters; (g) Inspection and/or treatment of currently installed utility poles; (h) Repair of road embankments (i) Repair or replacement of fire protection sprinkler systems; (j) Road and parking area resurfacing, including construction of temporary access to facilitate resurfacing; (k) Erosion control and soil stabilization measures (such as reseeding and revegetation); (l) Surveillance and maintenance of surplus facilities in accordance with DOE Order 5820.2, "Radioactive Waste Management"; (m) Repair and maintenance of transmission facilities, including replacement of conductors of the same nominal voltage, poles, circuit breakers, transformers, capacitors, crossarms, insulators, and downed transmission lines, in accordance, where appropriate, with 40 CFR part 761 (Polychlorinated Biphenyls Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions); (n) Routine testing and calibration of facility components, subsystems, or portable equipment (including but not limited to, control valves, in core monitoring devices, transformers, capacitors, monitoring wells, lysimeters, weather stations, and flumes); and (o) Routine decontamination of the surfaces of equipment, rooms, hot cells, or other interior surfaces of buildings (by such activities as wiping with rags, using strippable latex, and minor vacuuming), including removal of contaminated intact equipment and other materials (other than spent nuclear fuel or special nuclear material in nuclear reactors).

B2.5 Safety and environmental improvements of a facility, including replacement and upgrade of facility components, that do not result in a significant change in the expected useful life, design capacity, or function of the facility and during which operations may be suspended and then resumed. Improvements may include, but are not limited to: Replacement/upgrade of control valves, in-core monitoring devices, facility air filtration systems, or substation transformers or capacitors; addition of structural bracing to meet earthquake standards and/or sustain high wind loading; and replacement of aboveground or belowground tanks and related piping if there is no evidence of leakage, based on testing that meets performance requirements in 40 CFR part 280, subpart D (40 CFR part 280.40). This includes activities taken under RCRA, subtitle I; 40 CFR part 265, subpart J; 40 CFR part 280, subparts B, C, and D; and other applicable state, Federal and local requirements for underground storage tanks. These actions do not include rebuilding or modifying substantial portions of a facility, such as replacing a reactor vessel.

Rational for determination:

The City of Winston, Oregon proposes to use $240,000 of EECBG funding towards the total cost of a proposed wastewater pumping retrofit project at a sewer lift station. The current sewer lift station design incorporates three 110 HP pumps which currently do not work well at low flows, where pumps are running constantly and against throttling valves. The proposed project would replace one of the 110 HP pumps with a 25 HP pump (85 HP reduction), VFD control, new control strategy, and re-pipe with a 6" discharge pipe for proper velocity at low flows; the existing old 12" main will be repiped at the same time.

Primary clearing and excavation activities associated with the project will include excavating adjacent to the lift station to reconfigure the piping arrangement. The project will also involve trenching or directional drilling along 957 feet of existing sewer force main.

An Environmental Assessment (EA) was completed for this project in March 2010, titled Parkway Lift Station Efficiency Upgrades Project for the City of Winton, and pdf copies were provided to the DOE.

Potential environmental impacts of the project based on the recently completed EA include:

• Geology and Soils – No negative impacts.
• Water Resources - the project will not result in any direct or indirect discharge into surface or ground waters systems, and will actually decrease the likelihood of this type of event.
• Biological Resources – No direct or indirect impacts to wetlands, wildlife, threatened and endangered species, or sensitive biological/ecological habitats are anticipated as a result of project activities.
• Cultural Resources – An archaeological site was identified near the eastern border of the project area. SHPO will be conducting a pre-project archaeological survey of the area and in the event artifacts are discovered mitigation efforts will be initiated in compliance with Section 106 and tribal monitors will be coordinated from the Cow Creek Band of Umpqua Indians.
• Air Quality – The project is not anticipated to negatively affect air quality, and the efficiency upgrades have the potential to enhance air quality in the immediate vicinity of the sewage lift station over the long term by reducing and eliminating sewage-odors.
• Traffic – There will be minor/temporary road blockages as equipment is transported to the site, however, these impacts will be short-term (minutes in duration) and are not expected to result in any significant increases in the flow of traffic.
• Noise – Noise from project activities is anticipated to exceed the existing noise range found in the area (45-55 db(A)) in the range of 60-90 db(A) for short periods throughout the day over a relatively short time period (approximately 3 weeks). Best management practices and mitigation efforts have been identified for use to offset noise levels during project activities.
• Visual Resources – No negative impacts as the project area will have the same appearance as pre-project state.
• Environmental Justice – The project will not affect any minority or low-income populations.

Based on the information provided by the recipient and supplemental EA, the proposed action is Categorically Excluded from further NEPA review under CX B1.3, Routine maintenance activities and custodial services for buildings and structures, and B2.5, Safety and environmental improvements of a facility, including replacement and upgrade of facility components.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 7/12/10

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: _____