

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

SECTION A. Project Title: University Boulevard Water Meter Installation

SECTION B. Project Description:

This project would install water meters for the purpose of measuring water use at each of four University Boulevard (UB) buildings at 535, 655, 625, and 595 University Boulevard (IF-680 (UB1), IF-681 (UB2), IF-682 (UB3), and IF-684 (UB4)) in Idaho Falls, ID during the projected time period of August and September, 2013 at an approximate cost of \$20 K - \$95 K depending upon whether the work can be completed from inside the building(s) or must be performed exterior to the building(s).

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions: If excavation is required, the activity has the potential to generate fugitive dust. All reasonable precautions shall be taken to prevent particulate matter from becoming airborne. Some of the reasonable precautions may include, but are not limited to, the following: use of water or chemicals, application of dust suppressants, use of control equipment, and covering of trucks. Mobile and/or portable combustion engines may be used (e.g., backhoe, portable generator, etc.). These would be removed from the activity site within 12 months.

Disturbing Cultural or Biological Resources: Excavation and removal/relocation of shrubbery, if required, has the potential to disturb cultural and/or biological resources. Cultural and biological surveys would be performed as required and clearances obtained prior to initiation of activities having this potential.

Generating and Managing Waste: Industrial (nonhazardous, nonradioactive) waste (e.g., soil, metal, sod/shrubbery) and potentially hazardous (e.g., chemical related) waste may be generated. Waste would be managed through Waste Generator Services.

Releasing Contaminants: Standard industrial chemicals may be used for pipe and meter fit up/connection. Use would be for their intended purpose in accordance with manufacturer's instructions.

Using, Reusing, and Conserving Natural Resources: Materials would be reused and/or recycled where economically practicable. Applicable waste would be diverted from disposal in the landfill where conditions allow. Where appropriate and practicable, construction materials that are bio-based in content, environmentally preferable, have recycled content, or are less toxic would be procured. Removed materials such as piping/fittings would be excessed or recycled.

SECTION D. Determine the Recommended Level of Environmental Review (or Documentation) and Reference(s): Identify the applicable categorical exclusion from 10 CFR 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs) the proposed action must not: 1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of DOE or Executive Orders; 2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; 3) 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; 4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist which would affect the significance of the action, and the action is not "connected" nor "related" (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

References: 10 CFR 1021, Appendix B to Subpart D, item B2.2, "Building and equipment instrumentation".

Justification: The proposed action is consistent with 10 CFR 1021, Appendix B to Subpart D, categorical exclusion B2.2, "Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors and alarms, and safeguards and security equipment)."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act) Yes No

Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 8/14/2013