PMC-EF2a

(2.06.02)

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

RECIPIENT: Pleasant Grove City

STATE: UT

PROJECT TITLE : Project Blue Energy

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-EE0003270	GFO-0003270-002	GO3270

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:

A9 Information gathering, analysis, and dissemination Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

Rational for determination:

Pleasant Grove City in Utah is proposing to use Congressionally Directed funding via the Department of Energy to evaluate, design, test, install, and monitor a micro-hydroelectric generation system. The proposed facility would be located within Pleasant Grove's Battle Creek Water Storage and Flow Control Complex and utilize existing municipal infrastructure and resources to generate power.

This is a fully rescoped project, previously reviewed and signed by DOE NEPA on 5/26/2011. The previous determination is no longer applicable to this project.

Project Tasks include:

Task 1.0: Technology Evaluation and Engineering
Task 2.0: Facility Design (preliminary)
Task 3.0: Construction
Task 4.0: Monitor
Task 5.0: Comparison & Analysis
Task 6.0: Outreach
Task 7.0: Project Management and Reporting

Tasks 1.0 and 2.0 involve evaluating the functionality of different micro-hydroelectric turbines, resulting in the selection of appropriate turbines for the site and project. All activities related to these tasks comprise desktop research and preliminary designs, and would not involve purchase of capital equipment. These tasks are consistent with activities listed in DOE's categorical exclusion A9 (Information gathering and document preparations).

In task 3.0, Pleasant grove is proposing to construct the micro-hydroelectric generation system. This involves building a small powerhouse to house the generation system; constructing a water conduit to reroute water from Battle Creek Canyon pipeline to the facility; and installing the power generation and electrical equipment into the powerhouse and the electrical grid. Tasks 4.0 and 5.0 are connected to this task and involve collecting data from the hydro-facility then analyzing the data to determine maximum efficiency and energy output. The impacts associated with activities in task 3.0 are unknown at this time and require additional NEPA analysis once Pleasant Grove has established project details and have completed or initiated the necessary permits and approvals triggered by these activities. Therefore, it is recommended that expenditure of funding associated with tasks 3.0, 4.0 and 5.0 is not allowed until a final NEPA determination can be made.

Tasks 6.0 and 7.0 involve public outreach, development of educational information, and project management and

reporting. These tasks are consistent with activities listed in DOE's categorical exclusion A9 (Information gathering, document preparation, and document dissemination).

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:
Tasks 3.0, 4.0, and 5.0 – including, but not limited to, equipment purchase, site preparations, and construction

This restriction does not preclude you from:
Tasks 1.0, 2.0, 6.0, and 7.0
If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Insert the following language in the award:

You are required to:
Submit an additional EF1 that described all activities specific to tasks 3.0-5.0. Submit all relevant permits, approvals, and/or environmental analyses upon submission of EF1. Provide DOE with contact names and information regarding necessary federal consultations, including Federal Energy Regulatory Commission, US Fish and Wildlife, State Historical Preservation Officer, and other relevant federal and state agency consultations.

Note to Specialist :

Completed by Laura Margason 6/30/2012

Project Funding breakdown by task:

DOE $ Cost Share $ Total $

Task 1 - Technology Evaluation $11,944 $11,944 $23,888

Task 2 - Facility Design $22,350 $22,350 $44,700

Task 3 - Construction $289,469 $289,469 $578,938

Task 4 - Monitor $1,483 $1,483 $2,966

Task 5 - Comparison & Analysis $1,483 $1,483 $2,966

Task 6 - Outreach $11,207 $1,208 $12,415

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Electronically Signed By Lori Gray / Lori Gray Date: 6/20/2012
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON: