PMC-EF2a
(2.06.02)

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

RECIPIENT: Commonwealth of PA - DEP **STATE:** PA

PROJECT TITLE : FY 2012-13 State Energy Program Formula Grant

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000643	DE-EE0003913	GFO-0003913-001	

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.)
A11 Technical advice and assistance to organizations	Technical advice and planning assistance to international, national, state, and local organizations.

Rational for determination:

The U.S. Department of Energy (DOE) provided $1,236,000 of federal funding to the Commonwealth of Pennsylvania under the DOE's Annually Appropriated State Energy Program (SEP) for 2012. Pennsylvania will match the federal funding with $212,023.97 in commonwealth funds and $97,970 in Stripper Well funds. Additionally, Pennsylvania will carry over $612,024 in federal appropriations and $153,006 in commonwealth funds, for a total of $2,311,023.97.

Pennsylvania proposes to fund the following Market Titles:

Anaerobic Digester on Farms Program:

Under this Market Title, Pennsylvania would provide funds to continue an anaerobic digester project that is incomplete. Project details are unknown and this Market Title is conditioned pending additional NEPA review.

Comprehensive Energy Analysis/Green Corridor Development Plan 2012:

Under this Market Title, the State would subgrant funds to a university to perform a comprehensive energy assessment. The study would focus on indigenous energy resources and economic opportunities for the development and utilization of the resources for transportation, electrical, industry and building sectors. The assessment would also evaluate the environmental costs and benefits of using the various resources.

Energy Efficiency Work Force Training at Energy Innovation Hub:

Under this Market Title, the State would contribute funds to the Energy Efficient Buildings Hub located in the Philadelphia Navy Yard, to continue workforce education opportunities in energy efficiency design and deployment. The trained assessors would evaluate case studies and data from local energy efficiency projects, and become skilled in the use of Energy Star Portfolio Manager.

Energy Management for Public Wastewater and Drinking Water Utilities:

Under this Market Title, funding would be used to provide more resources and assistance for the public water utilities continued energy efficiency efforts. Funds would be used for conferences for stakeholders including utilities, local planning organizations, water associations, universities and EPA Region 3.

Fuel Switching/Combined Heat & Power for PA Department of Corrections Facility:

Under this Market Title, funding would be used to hire a program consultant to study, review, and recommend a program to develop self-funding combined heat and power (CHP) projects for State Correctional Institutions sites. The program will identify administration, energy modeling, construction budgets, operating costs, and economic evaluations for deployment of CHP.

Governor's Green Government Council Multi-Agency Deployment:

Under this Market Title, funding would be utilized to host trainings/sessions and for associated travel costs for the members of the Council to attend the meetings.

Green Your School Building/Green the Curriculum Workshops:

Under this Market Title, funds would be utilized for sustainability workshops and outreach methods to update the energy efficiency information in school's science curricula. It would target the over 100 schools that are currently enrolled in EPA's Energy Star Portfolio Manager.

Greener Fuels for Schools Grant Program

Under this Market Title, the State would subgrant funding to schools to replace fossil fuel heating systems with systems that utilize biomass. Grants under this program may be used for design and engineering services and/or for the purchase and installation of equipment. Project details and locations are unknown, so this Market Title is conditioned pending further NEPA review.

ISO 50000 Training and Implementation-Phase 2

Under this Market Title, funding would be used for two workshop series comprised of three classes each to cover the components of the ISO standards. State employees would continue to be educated to increase their ability to assist clients in developing energy management system strategies.

Macroeconomic Analysis of the Climate Change Mitigation Action Plan 2012:

Under this Market Title, funds would be used to hire a contractor to conduct an analysis for a climate change mitigation action plan.

Market Analysis and Transformation 2012:

Under this Market Title, funding would be utilized for subgrants or contracts to conduct analysis or support deployment project that promote new markets or focus on specific commercially available alternative and indigenous energy technologies. Project details and locations are unknown, so this Market Title is conditioned pending further NEPA review.

Program for ARRA 90% IECC Compliance-Phase 2:

Under this Market Title, funding would be used to continue program development, statewide benchmarking of current compliance status, education workshops targeting local government policymakers, and supplemental code compliance training for design professionals, contractors and code officials for enforcement of the 2009 International Energy Conservation Code program.

Public Awareness/Administration 2012:

Under this Market Title, funding would be used to pay for the salary and fringe benefits of a energy program specialist. The position would support the other Market Titles and increase awareness of energy efficiency and pollution prevention issues.

Residential Energy Efficiency Outreach Display:

Under this Market Title, Pennsylvania would utilize funds for a 20 ft. by 30 ft. weather proof, lightweight and portable exhibit as an educational tool. The display would offer information about energy efficiency and conservation, alternative energy and fuels, water conservation, green building, recycling and composting.

Based on a review of the activities that would be funded under "Anaerobic Digester on Farms Program," "Greener Fuels for Schools Grant Program," and "Market Analysis and Transformation 2012," DOE has determined the projects to be conditioned pending additional NEPA review.

Based on a review of the activities that would be funded under "Comprehensive Energy Analysis/Green Corridor Development Plan 2012," "Energy Efficiency Work Force Training at Energy Innovation Hub," "Energy Management

for Public Wastewater and Drinking Water Utilities," "Fuel Switching/Combined Heat & Power for PA Department of Corrections Facility," "Governor's Green Government Council Multi-Agency Deployment," "Green Your School Building/Green the Curriculum Workshops," "ISO 50000 Training and Implementation-Phase 2," "Macroeconomic Analysis of the Climate Change Mitigation Action Plan 2012," "Program for ARRA 90% IECC Compliance-Phase 2," "Public Awareness/Administration 2012," and "Residential Energy Efficiency Outreach Display," DOE has determined the projects that would be funded under these Market Titles will not significantly impact the human environment and they are categorically excluded from further NEPA review under CX A9 "information gathering," and CX A11 "technical advice."

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:
Anaerobic Digester on Farms Program
Greener Fuels for Schools Grant Program
Market Analysis and Transformation 2012

Any activities funded under the 2012 annual appropriations that involve ground-breaking activities, retrofits, or equipment purchase and/or installation are conditioned pending additional NEPA review.
This restriction does not preclude you from:
Comprehensive Energy Analysis/Green Corridor Development Plan 2012
Energy Efficiency Work Force Training at Energy Innovation Hub
Energy Management for Public Wastewater and Drinking Water Utilities
Fuel Switching/Combined Heat & Power for PA Department of Corrections Facility
Governor's Green Government Council Multi-Agency Deployment
Green Your School Building/Green the Curriculum Workshops
ISO 50000 Training and Implementation-Phase 2
Macroeconomic Analysis of the Climate Change Mitigation Action Plan 2012
Program for ARRA 90% IECC Compliance-Phase 2
Public Awareness/Administration 2012
Residential Energy Efficiency Outreach Display

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.

Note to Specialist :

Diana Scott 8.13.2012

DOE Funds: $1,236,000
Leveraged Funds: $1,075,023.97
Total Project Cost: $2,311,023.97

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Electronically Signed By: Kristin Kerwin Date: 8/22/2012
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.