PMC-EF2a

(2.04.02)

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

RECIPIENT: NREL

STATE: Mult

PROJECT TITLE : Haiti Renewable Resource Study; NREL Tracking No. 12-018

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-12-018	GO28308

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:

In this proposed project, the NREL Integrated Applications Group would work with the United States Agency for International Development (USAID) to administer contracts to assess the potential energy sources of wind and solar in Haiti on the Island of Hispaniola. USAID was created to be the single agency responsible for administering aid to foreign countries to promote social and economic development. NREL would manage the overall project which would include: 1) the hiring of local Haitian contractor(s) to provide support including clearing of site(s) in preparation of the installation of meteorological towers, and 2) the installation of the met towers and monitoring of equipment by a U.S. company; and 3) analyzing data collected during the renewable energy resource assessment and 4) providing USAID an assessment report.

The overall purpose of this work effort is to support renewable energy deployment in Haiti to assist with that country's reconstruction efforts following the devastating 2010 earthquake that destroyed parts of the country's infrastructure, helping Haitians rebuild their energy-supply system using clean, renewable energy. This work would not be DOE-funded although DOE is indirectly supporting the project through NREL's participation via a work for others contract. This is a USAID project using United States Department of State (USDOS) funds. The project spans a two-year period following contract award, roughly late-July 2012 - September 2014. Upon conclusion of the two year renewable energy resource assessment, the meteorological equipment would remain property of USAID/USDOS.

NREL subcontractors would install three temporary SODAR/LIDAR monitoring devices or 60- to 80-meter-tall meteorological (met) towers together with anemometers for measuring the wind and pyranometers for measuring solar insolation (collectively, "meteorological equipment") for the purpose of measuring the renewable resources available in the areas described in section 3.0 of the Environmental Questionnaire (uploaded to the PMC). USAID-Haiti Mission will be the lessee of two of the three sites, while Site #3 is already a USAID-controlled site. A local subcontractor(s) would provide local support, such as community relations, site clearing, security, installation of a security fence around two sites, etc., per the Scope of Work uploaded to the PMC.

The general site descriptions are as follows and are represented in the uploaded map (LocationOrientation_Haiti.pdf):
Site 1 - Hispaniola Rift Valley: DINEPA East - This site is approximately 11 km north of Croix-des-Bouquets on Rte National 3 and is adjacent to the road in an area of low scrub. The resource monitoring equipment will be located approximately at coordinates 18.658421, -72.187069. The site is on land controlled by Direction Nationale de l'Eau Potable et de l'Assainissement (DINEPA).
Site 2 - Hispaniola Rift Valley: IR2 (Croix-des-Bouquets) - This site is approximately 5 km east of Croix-des-Bouquets, adjacent to the village of Bais Leger, just north of Highway 102. The anemometer tower will be located very close to coordinates 18.563878, -72.147722. This site is on land owned by a private Haitian company, IR2, that is constructing a textile factory on this property under the auspices of an international nonprofit company, "one x one."

Site 3 - North Coast: Caracol Industrial Park - General area already selected; precise location of tower to be determined during NREL's site visit in late - July, but will be within the boundaries of the industrial park that is under the control of USAID. This area is bounded approximately by coordinates 19.669824, -72.001448 (northeast corner), 19.659801, -72.003336 (southeast corner), 19.662792, -72.0193 (southwest corner) and 19.67338, -72.018356 (northwest corner). This site is just north of the town of Chambert.

USAID/USDOS is funding this proposed project. In accordance with USAID environmental procedures codified in 22 CFR 216, USAID completed an Initial Environmental Examination (IEE) on 08/26/2009 and with a IEE Amendment on 11/7/2011 to reflecting an increase in funding and an extension of the funding period. Both documents, which are uploaded to the PMC, recommend a categorical exclusion from further environmental review.

DOE NEPA implementing regulations do not technically apply to DOE/NREL actions having environmental effects outside the United States, its territories or possessions - 10 CFR 1021.102(b). However in consideration of Executive Order 12114 and DOE Guidelines on Implementing EO 12114, based upon the USAID Initial Environmental Examination and the information above, this proposed action is consistent with DOE Categorical Exclusions A9 and 11.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF2a created by Rob Smith on 07/20/2012

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Electronically Signed By: Lori Gray / Lori Gray Date: 7/23/2012

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.

☐ 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: _____

Field Office Manager