

PMC-EF2a

(20402)

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



RECIPIENT: Clark County

STATE: NV

PROJECT TITLE : Renewable Energy initiative for Clark County Nevada

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0003180	GFO-0003180-001	0

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 (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

Rational for determination:

Clark County Nevada proposes to use federal funding to provide solar energy technology education through the use of demonstration. Clark County will partner with the University of Nevada, Las Vegas – Center for Energy Research to select a feasible site, technology type, and installation of infrastructure. Infrastructure included in this project will be a modular classroom and restrooms as well as solar panels.

This project will include determining the type of solar power generator used, site selection for the proposed installation of the project, project design, conduct competitive bid, installation and activation, education and outreach, and project management and reporting.

This project is comprised of project site selection and selection of appropriate technology type as well as education and outreach; therefore a CX A9 will apply.

The recipient shall provide a subsequent EF-1 for NEPA review when the the site is selected.

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:

Task 3.3 Final design
Task 4 (4.1-4.2) Conduct procurement, construction subcontract process
Task 5 (5.1-5.5) Installation and activation

This restriction does not preclude you from:

Task 1 (1.1-1.2) Determine Type of solar generators
Task 2 (2.1-2.3) Site Selection for demonstration

- Task 3 (3.1-3.2) Project Design
- Task 6 (6.1-6.5) Education and Outreach
- Task 7 Project Management and Reporting

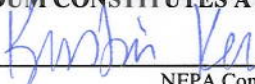
If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

Eugene Brown 12-14-2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



NEPA Compliance Officer

Date: _____

12/29/2010

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: _____

Field Office Manager

Date: _____

PMC-EF2a

(20102)

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



RECIPIENT: San Diego Center for Algae Biotechnology

STATE: CA

PROJECT TITLE : Consortium for Algal Biofuels Commercialization

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0003373	GFO-0003373-001	EE3373

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:

B3.6 Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).

Rational for determination:

The San Diego Center for Algae Biotechnology proposes to use federal funds, in consortium with the University of California at San Diego, University of Nebraska Lincoln, and Rutgers University, Sapphire Energy, Sempra Energy, and Life Technologies, to research algal uses in crop protection, nutrient utilization and recycling, and development of genetic tools to enable crop protection and co-product production.

This project will be broken down into three tasks.

Crop protection will include research for algal feedstock production and will take place at UCSD, Rutgers, UNL, and Sapphire Energy. Nutrient utilization and recycling will focus on nutrient rich waste water from algae research and will take place at UCSD, Rutgers, and Life Cycle Analysis. Development of genetic tools to enable crop protection and co-products production will take place at UCSD, UNL, Rutgers, and Life Cycle Analysis.

All work will take place in existing laboratory space or in existing growth ponds and will not involve the use of GMO's outside of a controlled laboratory environment. Growth ponds are already in existence at Sapphire Energy and will be used to study the effects of fungal epidemics.

The applicant has submitted an R & D Questionnaire for each location where project research will take place. This questionnaire thoroughly addresses the chemical and safety handling protocols.

This project is comprised of research and development activities within existing laboratory space; therefore a CX B3.6 will apply.

NEPA PROVISION

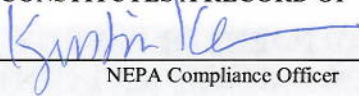
DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 12-10-2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: 
NEPA Compliance Officer

Date: 12/29/2010

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: _____
Field Office Manager

Date: _____