

PMC-ef2a

(2010)

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



RECIPIENT: SeaMicro Incorporated

STATE: CA

**PROJECT TITLE :** Recovery Act: SeaMicro Volume Server Power Reduction

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000107	EE-0002889	GFO-10-215	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.
- 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:

SeaMicro Incorporated is proposing to use ARRA funding through DOE to develop servers that dramatically reduce the power consumed by data centers. They will continue developing an ultra high density, low-power, single-box cluster volume computer server system.

Project work will be executed at the SeaMicro in Santa Clara, California. The facility contains computer work station terminals and a small bench scale laboratory to test prototypes.

SeaMicro has a fire permit in place for their facility and has filled out an R&D questionnaire which discussed their safety protocols in place for the type of work being conducted.

This project comprises informational gathering and conventional laboratory and bench-scale research in establish facilities; therefore a CX A9 and B3.6 applies.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:   
NEPA Compliance Officer

Date: 3/2/10

**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

*(Faint, mirrored text from the reverse side of the page is visible, including phrases like "Based on my review...", "I have made the following determination...", "AS information gathered...", "EIS/EA construction...", "The project consists...", "NEPA PROVISION...", "I have the following language...")*

*(Faint signature and text at the bottom of the page, including "SIGNATURE OF THIS NEPA MANAGER...", "Date: 3/2/10", and "FIELD OFFICE MANAGER DETERMINATION")*