

PMC-EF2a

(20402)

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



RECIPIENT: Sener Engineering and Systems Inc.

STATE: CA

PROJECT
TITLE : HELSOLAR

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DOE-FOA-0000104	DE-EE0003592	GFO-10-550	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:

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:

SENER Engineering and Systems Inc proposes to use federal funds to develop a highly efficient, low maintenance and economical Thermal Storage System for Concentrated Solar Power.

This project will include basic design and technical to economical assessments, prototype detailed design, manufacturing and CSP plant integration, storage simulation, prototype construction within several of the company owned facilities, testing, final reports and program management.

This project will take place within existing laboratory facilities; the applicant has submitted an R & D questionnaire which thoroughly addresses chemical and safety handling protocols.

This project includes indoor conventional research and development 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 7/26/2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: 
NEPA Compliance Officer

Date: 8/4/2010

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required