PMC-EF2a

(2.04.02)

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

RECIPIENT: Abengoa Solar Inc. **STATE:** CO

PROJECT TITLE : Development of Molten-Salt Heat TRansfer Fluid Technology for Parabolic Trough Solar Power Plants

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-FC36-08GO18038	GFO-GO18038-003	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, 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.)

Rational for determination:

DOE proposes to provide funding to Abengoa Solar, Inc. (Abengoa) to perform development of molten-salt heat transfer fluid technology for parabolic trough solar power plants. Abengoa has received DOE funding for previous efforts in this technology development (GFO-GO18038-002, CX A9 and B3.6; 2/16/2011). This NEPA determination applies to Abengoa's request for federal funding to contract engineering design work and engineering, procurement and construction (EPC) cost estimation for the solar plant.

Abengoa would retain Abener Engineering and Construction Services, LLC (Abener) as the contractor to perform engineering analyses and cost estimates. Abener's main facility is located at 14522 South Outer Forty Road, Suite 400, Chesterfield, MO 63017. This project would be a desktop and computer model study that would determine engineering specifications and estimate the cost of building and operating a molten-salt heat transfer solar power plant.

This proposed scope of work comprises a desktop and computer modeling activities. As such CX A9 (information gathering, analysis, and dissemination) applies.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

John DuWaldt 12-19-2011

DOE Funds: $2,730,585
Cost Share: $ 682,646
Total Funds: $3,413,231

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 12/21/2011
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