



EDi No. 292



21. SNL/NM Site-wide Environmental Impact Statement (SWEIS) Source Document Preparation

22. Year Completed Professional Service:

Year Completed (if applicable) Construction:

Sandia National Laboratories (SNL/NM) Albuquerque, New Mexico

2010

n/a

Contract Role: Prime Contractor Subcontractor

CAGE Code: 1D1U3

DUNS Number: 61.680.5073

23 a. Project Owner/Customer:

23 b. Point of Contact Name:

23 c. POC Contact Info.:

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24. (Include scope, size, and cost) Brief Description of Project and Relevance to this Contract:

Awarded Price: \$300,000.00

Final/Projected Cost: \$800,000.00

Award Date: 09.04.2009

Contract No.: P.O. #952808

Period of Performance: 09.04.2009 – 09.30.2010

Final or Projected Schedule: 09.30.2010

Contract Type: Firm Fixed Price Cost Reimbursement Time and Materials Cost Plus Fixed Fee
 Cost Plus Award Fee Performance Based

Type of Work Performed: 541620, Environmental Consulting Services

% of Work Self Performed: 70%

% of Work by Subcontractor(s): 30%

Notes: Due to exceptional performance, additional award of \$500,000 was added on to this contract by SNL/NM. The project was completed on time and on budget.

Contracting Officer (if applicable):

Contracting Agency & Address:

Contracting Officer Contact Info.:

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Background

In accordance with the National Environmental Policy Act (NEPA) (42 United States Code [U.S.C.] §4321) the DOE must prepare a Site-Wide Environmental Impact Statement (SWEIS) to examine the environmental impacts associated with the continued operation of SNL/NM. In a SWEIS, the DOE describes consequences (both on the site and off the site) of ongoing SNL/NM operations, and compares the potential consequences of alternative levels of future operations.

In 1999, SNL/NM completed a NEPA SWEIS that looked ten years into the future. However, it is now past the ten-year projections and for the last few years, the 1999 SWEIS has become increasingly less relevant to the planning needs of SNL/NM. A new SWEIS is critical to supporting the present and future mission of SNL/NM.



Sandia National Laboratories, Albuquerque, New Mexico

The need to begin the process of collecting data early for the new SWEIS was soon recognized. The development of a new SWEIS promises to be a challenging prospect due to the number of facilities and types of operations found at SNL/NM. The purpose of the SWEIS Source Document Development Project was to develop and assemble reliable, citable and reproducible source documents to support this effort.

In September 2009, a contractor was hired and the project began in earnest. The Project Management Team met with the DOE's Sandia Site Office (SSO) to establish project goals and schedules. A detailed Project Management Plan, Quality Assurance Plan, Records Management Plan and Communications Plan were developed before the project kickoff meeting. The Project Management Team compiled a notebook containing these plans for distribution at the kick-off meeting to all the SWEIS Development Project Team members. The notebooks provided uniform information including schedules, budgets, task numbers, and scope to all team members.

Once the team members were briefed on their duties, the SWEIS Development Project Team began meeting weekly to stay on schedule, budget and scope. Eventually the Team examined 63 SNL/NM facilities and interviewed dozens of facility, line, and level 1 and 2 managers to develop source documents that include, health and safety data, land use, environmental and waste management, GIS, socioeconomic and cultural resource surveys. The focus was on information that was directly related to SNL/NM operations and only available through SNL departments. The Project Management Team met with SSO periodically throughout the project, ensuring the final product would be a collaborative effort between DOE and SNL/NM. Each document was put through a rigorous quality assurance process, which included reviews by SSO and staff with expertise in NEPA, SNL legal requirements, waste management, security classification and technical writing. Information was compiled on operations as they are today as well as projections for the next ten years when available.

These source documents were assembled into four volumes and include several new and updated documents and a crosswalk that identifies SWEIS resource areas found in each document. The following describes that type of information found in each volume:

- Volume 1* Operational Area Environmental Evaluations (OAEs) discussion of the nine distinct geographic areas and the activities that occur in each
- Volume 2* Supplemental Documents includes descriptions of SNL-Wide programs such as health and safety and hazardous materials management
- Volume 3* Provides cultural resource information
- Volume 4* Authorization Basis refers to the safety document that supports the decisions to allow a process or facility to operate. Some information in this report is UCN and as such requires controlled access.

The source documents produced for this project have a common look and place in time, which makes them a valuable source of information for SWEIS analysis. Additionally, references used to create the documents were collected during the project and are provided in electronic format. These references will be available for use during the development of the new SWEIS.

Scope of Work

EDi provides senior-level project management and technical support to SNL/NM for the Source Document Development Project. Under this contract, EDi is responsible for the following project management tasks:

- Provide direct support to the SNL/NM Project Manager.
- Prepare, maintain, and update project planning documents (Project Management Plan, Quality Assurance Project Plan, Records Management Plan) and baseline schedule.
- Perform milestone tracking.
- Monitor working schedule performance against baseline schedule.
- Provide schedule input to monthly reports.
- Perform progress monitoring.
- Plan 2011 SNL/NM SWEIS development tasks.
- EDi is responsible for the following technical support tasks:



SNL/NM SWEIS Source Document Preparation (concluded)

- ❑ Lead development of specific Source Documents (Operational Area Environmental Evaluations, covering the natural and human affected environments at nine SNL/NM operational areas; Balance of Operations, describing routine and non-routine SNL/NM activities not related to specific facilities; Socioeconomics; Other Data Sources, describing SNL/NM corporate databases; and Documents Crosswalk, describing for the SWEIS resource area specialists the location of information in the Source Documents relevant to each resource area to be analyzed).
- ❑ Conduct interviews with 63 SNL/NM Facilities and interface with Line organizations to determine the scope of, and environmentally-relevant information for, current and future activities.

Advise the SNL/NM Project Manager on NEPA-specific issues and SWEIS development processes.

25. Firms/Subcontractors involved with this Project:

	(1) Firm Name	(2) City and State	(3) Role
a.	PM Tech, ABQ John Teel, Sr. Project Manager 505.260.8000	7801 Academy Road, NE Suite 2-203 Albuquerque, NM 87109-3192	Subcontractor, Technical Support Services and Consultation