



F. Example Projects which Best Illustrate Proposed Team's Qualifications for this Contract

20. Example Project Key Number
1

21. Title and Location (City and State)	22. Year Completed	
Greater-Than-Class-C Low-Level Radioactive Waste Environmental Impact Statement Support Albuquerque, NM	Professional Services	Construction (if applicable)
	2007	N/A
23. Project Owner's Information		
a. Project Owner	b. Point of Contact Name	c. Point of Contact Telephone Number
Sandia National Laboratories P.O. Box 5800 Albuquerque, NM 87185	David Miller	(505) 284-2574
24. Brief Description of Project and Relevance to This Contract (include scope, size and cost)		

Background

As part of an Environmental Impact Statement (EIS) for evaluation of disposal options for Greater-Than-Class-C Low-Level Radioactive Waste (GTCC LLW), DOE required evaluation of the potential environmental impacts from the construction, operation, closure, and post closure performance of a disposal facility for GTCC LLW and DOE-generated GTCC-like waste.

Scope of Work

EDi generated Rough Order of Magnitude estimates and associated conceptual drawings to support Sandia National Laboratories (SNL) in the evaluation of disposal options for GTCC LLW. EDi assisted SNL in the preparation of a report developing conceptual facility designs for (1) intermediate-depth borehole disposal facility and (2) an enhanced near-surface disposal facility for possible disposal of GTCC LLW and DOE GTCC-like waste. For the two conceptual facility designs, the following was provided: a description of the design, conceptual drawings, land area requirements, required resources, emissions produced, wastes generated, labor requirements, and costs and durations.

EDi was tasked to provide information on the volume of construction-related waste produced during construction of the facilities developed in the conceptual design. EDi also assisted SNL in the development of canister weight calculations. To support SNL with this effort, EDi developed calculation spreadsheets, figures, and supporting text for waste container weight and shielding calculations. EDi developed an Excel spreadsheet containing weight calculations for various types of containers, including shielded and unshielded containers. This spreadsheet and figures were provided to SNL for use in a task related to the GTCC project. Empty container weights and weights of containers with a variety of shielding thickness, and waste weights were calculated by EDi. Diagrams of container configurations were also prepared and provided to SNL. The diagrams, spreadsheet, and text were incorporated into a document entitled "Activated Metal Canister Volume and Weight Calculations in Support of the Greater-Than-Class-C Low-Level Radioactive Waste Environmental Impact Statement Evaluations, ERMS 546591."

Relevance to this Contract

25. Firms From Section C Involved With This Project			
a.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
b.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
c.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role



d.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
e.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
f.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
g.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role