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November 7, 2000

June Dreith, Project Manager
TechLaw, Inc.
300 Union Boulevard
Suite 600
Lakewood, Colorado 80228

RE: SCOPE OF WORK FOR REVIEW OF "DRAFT MESA-TOP MATERIAL DISPOSAL AREAS IMPLEMENTATION PLAN," LOS ALAMOS NATIONAL LABORATORY

Dear Ms. Dreith:

This letter presents the scope of work and a request for a fee estimate for review of a Resource Conservation and Recovery Act (RCRA) corrective action document "Draft Mesa-Top Material Disposal Areas (MDAs) Implementation Plan" at Los Alamos National Laboratory (LANL). LANL is located in Los Alamos County, New Mexico, approximately 20 miles northwest of Santa Fe. The draft Implementation Plan was prepared by LANL for the New Mexico Environment Department (NMED) Hazardous Waste Bureau (HWB). The Implementation Plan presents a technical approach for streamlined corrective actions for mesa-top MDAs. This methodology will expedite cleanups by using a 'plug-in' approach. A fundamental aspect of the Implementation Plan is the conceptual site model. While reviewing the Plan it is necessary to also review documents supporting LANL's conceptual site model and interaction matrix upon which this approach is based.

A schedule for completion of the review of the draft Implementation Plan should be included with the fee estimate. The draft Implementation Plan includes Chapters 1 through 9 (approximately 54 pages of text with 3 Tables and 12 figures), Appendices A through L and supporting documents, particularly for the conceptual site model and the interaction matrix. Please note that Chapters 7 and 8 are not complete. Following review of the Plan, we wish to discuss completion of the technical details for those Chapters. The specific scope of services is listed below.



HSWA
LANL
6/19/00

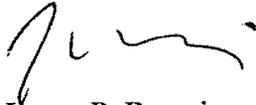
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HWB prior to commencement of work on this project. TechLaw is required to notify Eliza Frank should any unanticipated conditions be encountered that would change the schedule, scope of work or the estimated cost to complete this project. Notification must be made prior to implementation of any change in the schedule, scope of work or estimated cost.

Please call Eliza Frank at (505) 827-1558 extension 1048 should you have any questions.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

JPB/eaf

cc: John Kieling, NMED HWB
Cindy Abeyta, NMED HWB
Eliza Frank, NMED HWB
Neelam Dhawan, NMED HWB
file: HSWA LANL 5/1148/54

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Scope of Work

The Contractor shall review the draft Implementation Plan for the following:

1. Review the draft Plan, including the concept of the 'plug-in' approach and presumptive set of remedies for similar MDAs. Provide comments on any technical deficiencies and data gaps.
2. Review the conceptual site model (CSM) and interaction matrix within the Plan for technical deficiencies, including portions of the supporting documents. Conduct a peer review of portions of the supporting documents (see attached list A). Identify inadequate rationale and reasoning for assumptions in the CSM. i.e., limited fracture flow, fate and transport of contaminants in dry mesa settings.
3. Consider modeling inputs and parameters. Review inputs into process and system models (i.e., FEHM, GoldSim). Assist with negotiation of assessment constraints.
4. Review portions of the Hydrogeologic Work Plan, RFI Report for MDAs G, H and L, and the Performance Assessment of TA 54 for background information.
5. Assist with developing long-term site monitoring and stewardship requirements to be included in the Plan.
6. Submit a list of comments, deficiencies in rationale and arguments to HWB. Attend meeting(s) with HWB (including an initial meeting to discuss concepts and a meeting following submittal of the list of comments). Attend the MDA High Performing Team meetings, if required, to provide technical support.

Schedule

HWB anticipates sending the draft Implementation Plan Chapters 1 through 9 (approximately 54 pages of text), Appendices A through L and supporting documents for the conceptual site model and interaction matrix within 15 days of receipt of a fee estimate and proposed schedule to complete the scope of services from TechLaw. TechLaw should base its proposed schedule on the date of receipt of the complete draft Plan; however, HWB may initially send portions of the draft Permit to TechLaw for review in order to accelerate the review process.

Cost

HWB understands that TechLaw will complete the scope of services listed above on a time and materials basis in accordance with NMED Contract Number 99/667.5000/0008. TechLaw shall provide an estimated cost and schedule for completion of the scope of work listed above to

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