

**STATEMENT OF WORK  
FOR A CONSULTANT  
TO PROVIDE EXPERT ADVICE ON  
GROUNDWATER AND SOIL REMEDIATION ISSUES**

**BACKGROUND**

The Department of Energy (DOE) has one of the largest groundwater and soil contamination problems and subsequent cleanup responsibilities for a single entity in the world. The Office of Groundwater and Soil Remediation (EM-22) within the Office of Environmental Management (EM) manages the characterization, modeling, monitoring, and remediation of contaminated groundwater and soil at EM sites. This Office is tasked with ensuring that groundwater and soil remediation technology needs and opportunities have adequate, targeted investigation, exploration and implementation to eliminate hazards, improve cleanup efficiencies, and minimize uncertainties. The Office currently has limited professional resources that need to be augmented by a consultant who can provide expert advice to DOE on targeted issues to be identified by the Office Director, EM-22 or his designated representative.

**STATEMENT OF WORK**

As and when specifically tasked, the consultant will provide technical and professional support in the area of Groundwater and Soil Remediation, including the following:

- Perform independent and thorough technical review of documents, as requested by the EM-22 Office Director or his designee, and provide comments to DOE.
- Conduct in-depth analysis of technical issues, as directed by the EM-22 Office Director or his designee, and provide recommendations to DOE for consideration.
- Review and document cost-effective approaches to accelerating environmental cleanup and closure at EM sites for consideration by DOE.
- As a consultant to EM-22, provide recommendations to DOE on policies, directives, and guidance related to EM groundwater and Soil Remediation Program for DOE consideration
- Provide technical support for input to DOE performance assessments,
- Provide technical review and assistance for groundwater modeling data input.

**SPECIFIC PROVISIONS AND CONDUCT REQUIREMENTS**

- All activities by the consultant shall be provided for EM-22 management decision. At no time, the consultant will have authority to make decisions or take action on behalf of DOE.
- At no time, the consultant will perform any work and activity related to DOE groundwater and soil remediation program without the explicit direction of the EM-22 Office Director or his designee
- The consultant will not represent DOE or any site management on any issues without the explicit direction of the EM-22 Office Director or his designee