OFFSITE REMEDIATION PROGRAM SUPPORT SERVICES

CLIN 4 ACTIVITY 1

PERFORMANCE WORK STATEMENT

1.0 Type of Activity: The Off-Site Remediation Program Support Services Activity is a Cost-Plus-Fixed-Fee Activity.

1.1 Description: Off-Site Remediation Program Support Services

1.2 Location: Rock Springs Oil Shale Retort Site, Rock Springs, WY.

1.3 Travel: Travel is anticipated for this Activity and associated administrative oversight but will be coordinated to minimize overall travel costs.

1.4 Training: Employees working with hazardous substances and wastes shall have appropriate Hazardous Waste Operations and Emergency Response (HAZWOPER) and other training as prescribed by regulations. Other training is anticipated related to maintaining certifications required to perform scope of work requirements based on specific needs or certifications, as approved in advance by the Activity Contracting Officer's Representative (ACOR) and will be provided by NETL at minimal levels to support requirements. Normal operations should use on-line training resources to minimize cost of training and any associated travel. Sound judgement to defer training as cost saving measures shall be implemented as approved by the ACOR.

2.0 GENERAL REQUIREMENTS

2.1 This Activity is covered by the Service Contract Act.

2.2 Maintaining site-specific knowledge base and operational capabilities are imperative for any remediation effort; however, this goal should be balanced with appropriate cost saving measures and deferment of activities, as approved by the ACOR.

2.3 This Activity includes all supplies, materials, and equipment necessary for the maintenance, operation, and required groundwater sampling during remediation efforts.

2.4 Resource Load Information

- 2.4.1 The historic average labor mix for this activity is 0.90 FTE and technical staffing of 1.50 FTE.
- 2.4.2 The historic average cost of subcontracts for this activity is $35,000 annually.
- 2.4.3 The historic average cost of supplies and materials for this activity is $60,000 annually.
- 2.4.4 The historic average cost of training for this activity is $22,000 annually.

Note: NETL is currently sampling 99-100 wells per event, but there are other wells used for non-sampling purposes as well and should remain the same. NETL doesn't have a pump and treat system; we treat the contamination only via air-sparing.

3.0 SCOPE

3.1 The Contractor will perform remediation activities at five Rock Springs, WY, sites that are currently in active groundwater remediation.

3.2 Rock Springs sites will undergo a combination of groundwater pumping and air-sparging remediation activities. Benzene is the only contaminant of concern for all sites.

3.3 The remediation activity dates, durations, and operational requirements mentioned below may be adjusted by the ACOR as follows:

3.3.1 As required to meet requests from the Regulator, the Wyoming Department of Environmental Quality (WYDEQ)

3.3.2 To avoid conflict with long-term groundwater monitoring

3.3.3 Due to field conditions beyond the contractor's control

3.3.4 As requested by the contractor and approved by the ACOR

3.4 Activities include:

3.4.1 Rock Spring Oil Shale Retort Remedial Activities

3.4.1.1 The Contractor will operate and maintain the NETL-leased facilities. Any supplies or equipment necessary for the maintenance and operation of the remediation activities will be cost reimbursable.

3.4.1.2 The Contractor will perform a combination of air sparging/groundwater pumping remediation activities followed by a rebound period at each site as identified and approved by the ACOR and the WYDEQ.

3.4.1.3 The Contractor will also sample and analyze groundwater wells for each groundwater sampling event. Groundwater monitoring will be conducted and scheduled to best evaluate contaminant rebound as described in the Rock Springs Remediation Plan approved by the ACOR.

3.4.1.4 The Contractor will also submit a quarterly Rock Springs Remediation Progress Report describing the remediation activities, rebound information, observed results, and interpretation of the results.

3.4.1.5 For all air sparging activities, the contractor will sample and analyze vent gases to comply with the air permit waiver for Rock Springs.

3.4.2 Regulatory Requirements

3.4.2.1 The Contractor will meet all regulatory requirements related to the work performed under this PWS. This includes quarterly remediation progress reports and quarterly air permit waiver reports as required by the WYDEQ. The contractor will submit a draft of any required deliverable to the ACOR at least two weeks before the deliverable is due to the WYDEQ. The contractor will make any changes requested by the ACOR and resubmit within five days of the ACOR's request for changes.

3.4.3 Plug and Abandon Wells

3.4.3.1 The Contractor will plug and abandon wells that are no longer in use and approved for plugging by the ACOR and WYDEQ.

3.4.4 Semiannual Meetings

3.4.4.1 The Contractor will attend and present at a maximum of two meetings per year with the WYDEQ.

3.4.4.2 The Contractor will submit to the ACOR draft presentations at least two weeks before the meetings.

3.4.4.3 The Contractor will make any of the ACOR's requested changes.

3.4.5 Other Reports for Remediation Activities

3.4.5.1 The Contractor will update the appropriate sections of the Annual Site Environmental Report, including figures and tables. The update will be provided to the ACOR.

3.4.5.2 The Contractor will submit a detailed plan for remediation activities and groundwater sampling to be conducted at each Rock Springs Site in the Rock Springs Remediation Plan to the ACOR for approval annually (February). The plan shall be edited as necessary/requested by the ACOR or required by WYDEQ. The plan will include sampling schedules, list of wells to be sampled, remediation actions suggested, and a detailed schedule of remediation actions and rebound periods for each site.

3.4.5.3 The Contractor will submit to the ACOR a summary of all the week's activities. The weekly report will include the planned activities for the next two weeks. This may be included in the ES&H Weekly Reporting or separately, as approved by the ACOR.

4.0 EQUIPMENT AND SUPPLIES

4.1 Unless otherwise specified, all supplies, materials, equipment, and vehicles needed to perform the work described in this PWS shall be furnished by the Contractor. The use of GSA vehicles off-site will be limited to official Government business as coordinated with the ACOR.

5.0 SAFETY AND HEALTH

5.1 The contractor shall implement their integrated safety management (ISM) plan as related to the services performed under this Activity and in accordance with DOE P 450.4, Safety Management Policy and Integrated Safety Management System Guide, DOE G 450.4-1, Volumes 1 and 2.

5.2 Training: Employees working with hazardous substances shall have appropriate HAZWOPER and other training as prescribed by regulations.

5.3 Personal Protective Equipment (PPE): The contractor is responsible for maintaining, inspecting, and cleaning all PPE for all employees supporting this Activity whose job functions require PPE. The cost for PPE for this Activity should be captured under CLIN 4 Activity 6.

6.0 CONSULTING SUPPORT

6.1 The contractor shall provide consulting services related to the services rendered and products delivered or to be delivered under this Activity.

6.2 Consulting will be provided by telephone, teleconference, e-mail, or in face-to-face meetings if there are incidental or no travel costs involved.

6.3 Consulting service might include providing presentations, providing data, attending relevant meetings, providing input to NETL generated reports, and being the subject of

internal or external audits, reviews, or inspections.

7.0 DELIVERABLES

The following table contains the deliverables associated with this Activity. The list is not all-inclusive and additional deliverables may be necessary as requirements change. A copy of each deliverable shall be provided to the ACOR. Many of the deliverables will be kept on the common drive and/or posted to the intranet, as determined by the ACOR. The contractor will make any changes requested by the ACOR and resubmit within five days of the ACOR's request for changes.

DELIVERABLE	FREQUENCY
Rock Springs Remediation Plan	Once in the month of February, edited as needed or requested by ACOR
Rock Springs Remediation Progress Reports	Quarterly, before the 15th day after each quarter
Rock Springs Quarterly Air Quality Report	Quarterly by calendar year, before the 15th day after each quarter
Regulatory Meeting Presentations	Maximum of Twice per year – As scheduled by the ACOR
Weekly Summary of Activities	Weekly
Waste Analyses Results Report - Report shall include actual lab results, summary, and a review of QA/QC	One per each sampling event