EPA Task Order Activity Document
START 4 CONTRACT #: EP-S7-13-06

Activity Type: Pre-Comprehensive Environmental Response, Compensation, and Liability Information System (Pre-CERCLIS) Screening Report

Created On: 11/30/2016

PO: Debra Dorsey

Task: Investigate a residential property located in the Spanish Village Subdivision of Bridgeton, MO for Radionuclides

Task Monitors: Tom Mahler
Brad Vann (Alternate)

General Task Description: The contractor shall provide technical support to EPA on the activities associated with an investigation for radionuclides at a residential property; and perform Pre-CERCLIS activities in accordance with EPA Per-Cerclis Screening guidance, "OLEM Directive 9200.3-107" and the NCP.

Task Codes: 07ZZQB00

Estimated Completion Date: 3/1/2017

Site/Project Name: Bridgeton Dust

Address: 3550 El Ferrol Court.

Estimated Cost: See IGCE

City, State, Zip: Bridgeton, MO 63044

Site ID No: TBD

New Task Order:____X_____

OR

Amendment to TO#:_____

I. INTRODUCTION

A. PURPOSE

Under the authority of legislation, Presidential Directives, and promulgated regulations, EPA is responsible for protecting human health and the environment. EPA is delegated authority to undertake removal and remedial response actions under CERCLA.

The purpose of this Statement of Work (SOW) is for the contractor to provide EPA with technical support. For each assigned task, the contractor shall provide appropriately experienced, trained, and accredited personnel with current credentials/certifications as well as all supplies, materials, tools, and equipment necessary to complete the job.

B. BACKGROUND

EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to human health or the environment on the National Priorities List (NPL). Site assessment is the first step in determining whether a site meets the criteria for placement on the NPL. Listing a site on the NPL is one tool among many that are available to EPA and state cleanup program managers to accomplish the cleanup of contaminated waste sites. For additional information, see EPA OSWER Directive 9203.1-06, "Guidance on Setting Priorities for NPL Candidates sites."

II. TECHNICAL REQUIREMENTS

A private law suit filed on behalf of a home owner in the Spanish Village subdivision located in Bridgeton, MO alleges that radioactive contaminates including Lead-210 and Thorium-230 have been found both inside the residence and in the soil that surrounds it and claim that the levels of these contaminates exceed actionable levels established by EPA.

Potential tasks to be performed under this Task Order and in accordance with the Contract Statement of Work, Section III. C., are organized under three possible phases: Phase I: Information Gathering and Coordination; Phase II: Planning; Phase III: Field Data Collection and Documentation.

Specific Tasks may include but are not limited to:

Phase I: Information Gathering and Coordination

- Attend coordination and scoping meetings with EPA as directed.
- Review any existing radiological data associated with the residential property.
- Document site conditions with written and visual documentation.
- Conduct file reviews, for example, federal, state, and local agency records, to obtain background information to analyze releases of hazardous substances, pollutants, contaminants, or oil.
- Review any documents that relate to the sample collection procedures and data quality information that is available from the previous private investigators.
- Collect and review historical information related to the construction of the property and any significant remodeling or earth moving operations conducted since construction was completed.
- Collect and review any historical aerial photography associated with property, in particular where it corresponds to dates shortly before or after construction and other major earth moving operations that may have occurred.
- Identify and address data gaps required to meet EPA screening objectives, for example, background levels for radionuclides which are naturally occurring.
- Determine pathway-specific receptors for the residential occupants.
- Collect, review, and/or analyze relevant data from scientific publications, federal, state and local agencies, and academic institutions to provide support in the identification of sampling procedures and analytical methods pertinent to an investigation of a residential property.

Phase II: Planning

- Attend coordination meeting with EPA to discuss project objectives, data gaps, and data quality objectives,
- Develop a Site Sampling Plan that defines the scope of additional sampling activity, QAPP and H&S plan consistent with project objectives and data quality objectives.
- Revises project planning documents as directed by EPA.
- Coordinate analytical services as defined in the approved QAPP and site sampling plan consistent with FASTAC requirements.
- Schedule field activities, equipment, supplies and labor consistent with the work outlined in the approved QAPP, H&S plan and site sampling plan

Phase III: Field Implementation and Documentation

- Collect, analyze, and validate data in accordance with EPA standard methods for sample collection and analysis.
- Review and interpret environmental data.
- Author a final report summarizing the investigation and associated data that includes a determination as to whether radioactive contaminants are present either inside the residence or otherwise located on the property and whether there is a potential for an unacceptable risk associated with those contaminants.

III. DOCUMENTATION REQUIREMENTS

In the course of performing tasks identified in this SOW, the contractor shall submit all analyses, options, recommendations, reports, and any other work products in draft form for review by the Contracting Officer (CO) or the Contracting Officer's Representative (COR) prior to use or distribution.

The contractor shall not publish, release, use, or disclose any work product generated under this SOW without

EPA's written approval; interpret EPA policies or regulations when conducting any training, seminars, or presentations; and/or provide any legal advice or legal interpretations.

The Government will make all final regulatory, policy, and interpretative decisions resulting from contractor provided advice and assistance; and will also make all final decisions regarding compliance determinations, or the violations of an order, law, regulation, etc.

The contractor shall submit documents that demonstrate a good command and correct usage of the English language (e.g, discussion of facts flow in a coherent and organized manner); use proper grammar (noun and verb tense correspond, etc.); and are free of incomplete sentences and misspelled words.

For deliverables that contain recommendations, the contractor shall explain or rank policy; explain or rank alternative actions; describe procedures used to arrive at recommendations; summarize the substance of deliberation; report any dissenting views; and cite sources relied upon.

Deliverable/Activity	**Due Date**
Task Order Status Summary	Include in Monthly Report
Final Pre-CERCLIS Screening Report	Within 30 days of the receipt of all analytical data