Statement of Work
Hazardous Waste Disposal and Soil Sample

1. Introduction. The US Geological Survey (USGS), Eastern Ecological Science Center at Patuxent Research Refuge, 12100 Beech Forest Road, Laurel, MD has a requirement to have hazardous waste removed from the center. Services include analyses, fate determination, manifesting and documentation, excavation, pick-up, transportation, labeling, and audit trails until ultimate treatment or disposal.

2. Scope. These services include waste characterization, supplies and packaging, labeling and documentation, technical support, licenses and permits, insurance, and disposition. Items that will be collected in appropriate containers upon request. Some of the PFAS bio-waste (nesting material from the bird pens) has been collected and currently in large trash bags ready for disposal. See Exhibit A for a list of PFAS and Exhibit B for photos of the bags that need to be picked up. This site also contains 15 bird pens, each approximately 8 ft. x 50 ft., which require PFAS testing of the substrate and possible excavation and disposal based on the results of the analyses. A sampling grid and collecting approximately 5 samples per pen (75 total) to determine contamination levels. 5 Samples will be taken from each pen from 5 separate holes. The samples will be taken to a depth of 6" Below Ground Surface (BGS). The grid will be staggered, with the first sampled being taken approximately 5' from the concrete in the middle of the pen. The next sample will be taken to the right of the middle, halfway between the middle line and the right wall of the pen, 8' horizontally from where the first sample was taken. This 8' distance will be followed for all subsequent samples. The 3rd and 5th samples will also be taken at the midline, and the 4th sample will be taken identically to the 2nd, but on the left side of the midline of the pen. This process will be repeated for the remaining 14 pens. If the result of sampling shows above acceptable limits this soil must also be removed and disposed following federal and/or state guidelines as per the requirement of this contract.

3. Work Requirements.

   a. Technical Requirements

      1) Shipping and disposal manifests, permits, placarding requirements, as well as labeling of appropriate containers will be provided at the time of pickup by the Government.

      2) Drivers and pick up technicians must be trained and certified disposal technicians, knowledgeable in packaging procedures, labeling, DOT requirements, and in safe loading, bracing, and transportation of hazardous, and universal wastes.

      3) Possess and maintain all statutory required vehicular insurances, workman's compensation insurance, general liability insurance, and premises insurances.

      4) All waste removal under this agreement shall be transported and disposed of in accordance with all applicable local, state, and federal regulations.

   b. Deliverables

1) Deliverables shall include all supplies such as packaging, drums, liners, approved absorbents, labels, pallets and shrink wraps.

2) Paperwork, permits, completed waste manifests, and waste characterization records.

3) Documented proof of proper disposal, such as a certificate of disposal and/or certification of destruction.

c. Performance Objectives

Upon written notification of a requirement for waste removal, the Contractor shall have a 48-hour response time to begin developing inventorying and packaging procedures. Inventorying and packaging procedures shall be completed within three (3) days following the development of the procedures. The Contractor shall remove inventoried and packaged waste within 25 calendar days following completion of inventorying and packaging of the waste products and/or in accordance with the time requirements specified in 40 CFR 262.

The contractor shall ensure that wastes packaged for disposal are in properly labeled, appropriate containers and are properly sealed. The Contractor shall package wastes in a manner acceptable to the disposal facility.

Carriers shall have required EPA, DOT, and state (where applicable) registry for hazardous and universal waste transport and verifiable records of good shipping practices, which may be checked through local DOT authorities.

Carriers shall be chosen, where possible, who do a minimum of interlining or intermediate stopping before reaching the disposal site. Carriers shall use routes of transport, which have been designated or approved by the DOT for hazardous material transport. Drivers must be fully qualified and properly trained for hazardous material transportation.

Prior to transporting hazardous materials, the contractor shall provide evidence of all proper licensing and certification to transport materials

One (1) copy of all documentation including the original manifest prepared by the Contractor shall be submitted to the USGS at the time of each pick-up for signature. All documentation must be clearly legible.

The Contractor shall dispose of all waste at an EPA approved waste disposal facility that has been approved by the USGS. It is the Contractor's responsibility to obtain all necessary documentation verifying that the delivery of all items has been accomplished.

The Contractor shall comply with all applicable health and safety regulations and requirements (including reporting requirements) of the U.S. Government.

d. Permits and Licenses – General

In the performance of work hereunder, the Contractor shall obtain and maintain in

effect all necessary permits and licenses required by Federal, State, or local government, or subdivision thereof, or of any other duly constituted public authority. At no separate or additional cost to the government, the contractor shall comply with all laws and regulations applicable to work to be performed hereunder, including any revised statutes or regulations effective during the life of the contract.

4. Support Information.

   a. Invoices for services must include the Purchase Order Number, item description of each service, quantity of each service, and cost of each service.

   b. The contractor shall provide disposal documents, signed by the authorized person at the disposal facility for the material disposed of, back to the government. Turn in disposal tickets as part of the invoicing process. The disposal ticket shall detail quantity/container or other volume, disposal fees, complete receipt including any/all descriptions produced by the disposal facility ticketing/receipting system, disposal facility name and location. Any discrepancies noted by, or refusals by the disposal facility shall be documented back to the government preferably on the tickets or by any other means.

   c. A site visit will be scheduled to allow contractors to observe the site location. Attendance is strongly encouraged.

   d. Period of Performance is 84 days from award date.

5. Center hours of operation:
   This coordinated pick up of material must occur during normal center business hours, Monday through Friday, between 7:30 am and 4:00 pm.

Exhibit A List of PFAS Chemicals

Perfluorooctane sulfonate (PFOS),

Perfluorooctanoate (PFOA),

Perfluorohexane sulfonate (PFHxS),

Perfluorobutane sulfonate (PFBS),

Perfluorohexanoic acid (PFHxA),

Exhibit B Photos