

## Analytical Services Expression of Interest

Fluor-BWXT Portsmouth, LLC (FBP) the Prime Contractor to the U.S. Department of Energy for the Portsmouth Decontamination and Decommissioning (D&D) project (PORTS) is seeking input for alternative solutions for providing subcontracted analytical laboratory services in support of the Department Of Energy's (DOE) Portsmouth D&D and environmental remediation project. The purpose of this Expression of Interest is to solicit input via capabilities statements from interested parties with the specialized capabilities necessary to provide these analytical laboratory services. The existing PORTS Site Government Furnished onsite laboratory is reaching the end of its performance lifecycle and is expected to be decommissioned and prepared for D&D and ultimate demolition. The upcoming scheduled active demolition of large process buildings and associated impacted soil excavations, waste shipments, on-site disposal facility operations, and new waste water treatment facilities operations are expected to significantly increase the need of alternate analytical laboratory services at PORTS starting in FY2020.

The required services include but are not limited to: sample receiving, packaging and shipment; general inorganic, organic, radiochemical, industrial hygiene, and physical analysis on various matrices that include soil, water, sediment, vegetation, air filters, oils, concrete, metals, other building materials and equipment.

Specific analytical capabilities that may be required include:

- Alpha Spectroscopy
- Gamma Spectroscopy
- Liquid Scintillation Counting
- Proportional Counting
- Mass spectroscopy,
- Inductively Coupled Plasma
- Inductively Coupled Plasma-Mass Spectroscopy
- Cold Vapor Atomic Absorption
- Gas Chromatography
- Gas Chromatography-Mass Spectroscopy

Currently, analytical services are provided using a multifaceted approach that includes the operation of an onsite laboratory that includes an EPA certified water Laboratory as well as the use of contracted commercial laboratories. The onsite laboratory provides the following services: radiochemical analysis, inorganic analysis, environment and industrial hygiene analysis that support Environmental and Regulatory Programs, utility operations (including drinking water), and waste characterization.

It is envisioned that under a new approach, the Analytical Services Subcontractor will be solely responsible for determining where the samples collected by FBP will be analyzed (i.e., Subcontractor owned laboratory facilities or qualified sub-tier subcontracted laboratories). Interested parties should assume that there will be no government furnished facilities and/or equipment made available in support of these requested analytical services. Further, FBP has the need for certain services that are time critical with analyses that have short turnaround times and these services may only be available through the establishment of a facility near the perimeter or local vicinity of the PORTS Site that is capable of either performing the time critical analysis or packaging and shipping samples to a facility that can perform the analysis within the required turnaround time.

Various analytical services in support of PORTS require expeditious analysis turnaround timeframes. Examples of time critical analysis are:

- Bulk Asbestos analysis by U.S. Environmental Protection Agency (EPA) Method EPA 600/R-3/116 within 48 hours of sample receipt and complete Fiber Counts on air samples by National Institute of Occupational Safety and Health (NIOSH) 7400 Method within 24 hours of sample receipt.
- Quick turn (same day) analysis for drinking water samples by an Ohio EPA-certified laboratory.
- Quick turn analysis for gross alpha/beta by the proportional counting method for the purposes of sample shipping.

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Typical annual sample volumes for the site currently are:

Supported Programs	Number of Samples
Regulatory Compliance and Characterization	16,600
Water Lab	8,700
Air Monitoring (gross alpha-beta)	24,000

It is estimated that starting in FY2020 these estimated sample volume will increase 10-15% as demolition activities increase to their anticipated levels for overall Site demolition.

FBP is interested in and will evaluate all options to provide these types of analysis by a single provider of Analytical Services for the remaining duration of the Portsmouth D&D project. Recommendations that include near site capabilities that address short turnaround times for Radiological, Inorganic (metals), PCB, and IH analysis and utilization of the incumbent laboratory workforce are of particular interest to FBP.

Interested parties are hereby invited to submit a capability statement. FBP will evaluate each capability statement based on the interested parties' proposed method of performance to provide the identified analytical laboratory services, demonstrated qualifications, capabilities, experience and past performance specific to analytical support services. Interested parties capability statements should include the following information:

- 1) The name of the company, point of contact, phone number, address of company and DUNS number
- 2) Identify any technical challenges and risks in meeting the desired support service. Identify how your company would minimize any risks.
- 3) Describe your capability and experience in performing work similar to the desired support services over the past five years.
- 4) Discuss your company's experience in management and integrating the desired support services under a single contract. The work conducted at PORTS may require interface and integration with other site CONTRACTORS.

FBP will not pay for any information that is provided in response to this announcement nor will it compensate any respondents for the development of such information. All capability statements and questions pertaining to this announcement shall be submitted electronically to [Theresa.payne@ports.pppo.gov](mailto:Theresa.payne@ports.pppo.gov) no later than 4:00 p.m. Eastern Time on Thursday, October 04, 2018. Any questions pertaining to the announcement should also be directed to the same e-mail address [Theresa.payne@ports.pppo.gov](mailto:Theresa.payne@ports.pppo.gov). FBP personnel may contact companies responding to this announcement to clarify a responder's capabilities and other matters as part of this market research process.