

WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

Laboratory Instrument Service Agreement

Requisition Number: 24590-CM-SRA-HX00-00033
Submit Interest By: April 7, 2020
Quality Level: CM
Award Type: TIME AND MATERIALS

ESTIMATED SCHEDULE

Issue Request for Proposal: TBD
Award and Notice to Proceed: TBD

PROJECT DESCRIPTION AND LOCATION

The Hanford Tank Waste Treatment and Immobilization Plant (WTP) is a complex of radioactive waste treatment processing facilities designed and constructed by Bechtel National, Inc. for the Department of Energy (DOE). The facility will process the Hanford Site tank waste and convert the waste into a stable glass form.

The Project site is located in the 200 East Area of the Hanford Reservation near Richland, Washington, along the Columbia River. The site elevation varies from 662 to 684 feet above mean sea level. Ambient temperature range is -23 degrees F minimum to 113 degrees F maximum, with relative humidity of 5% minimum to 100% maximum. The project design life is 40 years.

SCOPE OF WORK

The Low Activity Waste (LAW), Laboratory Facility (LAB), and Balance of Facility (BOF) facilities are completing construction and transitioning to commissioning under a Direct Feed Low Activity Waste (DFLAW) configuration. The LAB building uses various analytical instrumentation to support the sampling and analysis of process streams from the DFLAW facilities. The analytical instrumentation has been installed in the LAB building and requires periodic maintenance to support commissioning and operations.

The scope of work for this Subcontract would require the SUBCONTRACTOR to perform all the work necessary to provide the following:

1. Preventative maintenance on a periodic basis for all identified LAB Instrumentation
2. Corrective maintenance or repairs on an as needed basis for all identified LAB Instrumentation
3. Provide post maintenance or repair documentation for all work performed in accordance with this scope of work

The general conditions of this scope of work include the following:

- The term "preventative maintenance" is considered maintenance performed on a 3, 6- or 12-month periodicity and is done to ensure the instrument is less likely to fail during normal use.
- No structure modification to surrounding area can be done during maintenance unless prior approval from the CONTRACTOR.
- Any new equipment or material used in maintenance activities shall be new, unused and of the highest quality.
- All equipment and material used must be compliant to the codes and standards as specified in the Subcontract.

Provide maintenance and repair services for all LAB analytical instrumentation listed below. The services shall ensure that all LAB instrumentation is maintained and repaired as required by the original equipment manufacturer (OEM).

Number of Instruments	Instrument
1	QuickTrace M-7600 Mercury Analyzer
1	Aurora 1030 Wet Oxidation TOC Analyzer
1	Agilent 5110 SVDV ICP-OES
1	Agilent 8900 QQQ ICP-MS
2	ESI NWR266 Laser Ablation System
1	Hach TitraLab AT1000 Series Workstation
1	CEM Discover SP-D 10/35 Microwave
1	Thermo Scientific Dionex Model ICS-5000+ Ion Chromatograph System

Whenever equipment or material, proposed by the SUBCONTRACTOR, cannot meet the requirements of this statement of work the SUBCONTRACTOR must clearly communicate those exceptions. No exceptions shall be allowed, unless approved by the CONTRACTOR.

SUBCONTRACTOR shall be responsible for procurement functions to obtain CONTRACTOR accepted instrumentation, equipment and materials in support of preventative and corrective maintenance as stated in the Subcontract. SUBCONTRACTOR shall identify any parts or materials that are no longer available and identify equivalent replacement parts for CONTRACTOR approval.

The performance requirements of the instrumentation shall not be changed during the maintenance activities. The SUBCONTRACTOR shall ensure via testing that all original technical requirements as found in the vendor manuals are met post maintenance work

Preventative Maintenance

The SUBCONTRACTOR shall provide all labor, CM materials, instrumentation, tools, transportation (materials and personnel) and supplies necessary to perform preventative maintenance of the analytical instrumentation listed above.

Corrective Maintenance or Repair

The SUBCONTRACTOR shall provide all labor, CM materials, equipment, instrumentation, tools, transportation (materials and personnel), and supplies necessary to perform corrective maintenance or repair of the of the analytical instrumentation listed above.

Work Excluded

- CONTRACTOR shall be responsible for electrical disconnect and reconnect associated with the instrumentation (Specific to lock out tag out). If required, the CONTRACTOR will also provide any additional support services, lifts and/or scaffoldings established through joint planning between SUBCONTRACTOR and CONTRACTOR.
- CONTRACTOR shall be responsible for disposal of removed components from the facility. All existing components and miscellaneous subcomponents are government property and disposition of new or old parts are covered under a controlled process.
- CONTRACTOR shall be responsible for crating and shipping all equipment/material required for off-site repairs or maintenance by the SUBCONTRACTOR.
- CONTRACTOR assumes no firmware or software updates are required in support of this scope of work. If any software or firmware is required, the SUBCONTRACTOR shall notify and get approval from the CONTRACTOR before implementation of the change.
- CONTRACTOR shall provide approval for access to other plant components if required by the SUBCONTRACTOR as part of the performance of this scope.

- CONTRACTOR shall not provide network access to the SUBCONTRACTOR, if required the SUBCONTRACTOR shall provide their own network.
- CONTRACTOR shall provide oversight of the planned work via a lab personnel and/or subcontract technical representative/coordinator.

QUALITY ASSURANCE (QA) REQUIREMENTS

Programmatic Quality Assurance (QA) requirements for subcontracts or purchase orders performed in the WTP Jobsite will be:

<input type="checkbox"/>	Non-Permanent or Temporary Work - Generally no QA program required
<input checked="" type="checkbox"/>	Commercial Quality - Based on DOE Order 414.1C
<input type="checkbox"/>	Nuclear Level Quality - Based on ASME NQA-1 2000

Bechtel may require, as an element of bidder pre-qualification, submission of a representative sample QA Program or Table of Contents copy. For Nuclear Level Quality subcontracts, the successful bidder's QA Program must be approved prior to award of the subcontract or purchase order.

CODES AND STANDARDS

Applicable Codes and Standards:

- NFPA-70- National Electrical Code (NEC)

BIDDER REGISTRATION AND PRE-QUALIFICATION

The BNI Acquisition Services Subcontracts/Purchasing group is responsible for collection, evaluation, and internal publication of potential bidders' information for the purpose of pre-qualifying them to bid on any particular Subcontract or purchase order.

As part of this process, BNI requires all potential offerors to register at the Supplier and Contractor Portal at: <https://www.Bechtel.com/supplier/>

If your company has registered previously, then only supplemental information should be sent to the Bechtel National, Inc. representative noted below.

Information to be provided by potential bidders must include:

- Dun and Bradstreet Number
- Company Name
- Company Address
- Contact Phone Number
- Contact Person
- Email Address
- Safety Data and Information
- Applicable Work Experience and Projects
- Size of Business (Small, Large)

WTP BACKGROUND

Information about the WTP Project can be found on <http://www.hanfordvitplant.com>

CONTACT

Bechtel National, Inc.
 2435 Stevens Center Place
 Richland, WA 99354
 Attn: Ousman Kinteh
 Phone: 509-827-3170
 Email Address: okkinteh@bechtel.com
 Mailstop: MS10-E