

WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

Requisition Number: 24590-NP-SRA-UB41-00002
Submit Interest By: March 15, 2018
Quality Level: CM
Award Type: Firm Fixed Price

ESTIMATED SCHEDULE 12-18 Months

Issue Request for Proposal: April 1, 2018
Award and Notice to Proceed: May 2018

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

SUBCONTRACTOR performs all the work necessary to provide the following:

Decommissioning and rehabilitation of the Atkins Engineering Laboratory (AEL) test facility, including but not limited to; disassembly and removal of government owned property from test facility, restoration of facility concrete, restoration of facility wall penetrations, size reduction of scrap steel, demolition of CONTRACTOR tower footings and restoration of grade.

Facility, and site grounds shall be left in an as designed condition. Completion of restoration and rehabilitation shall be in accordance with permit drawings (civil and architectural details).

The Full-Scale Vessel Test Platform is located at the Atkins Engineering Laboratory (AEL) located in Richland, Washington. This platform was used to support verification testing of the Hanford Waste Treatment Plant (WTP) full scale prototypic vessels. The tests were performed using Newtonian slurry and non-Newtonian slurry simulants (Non-radioactive and non-hazardous).

The main building that houses the test platform is owned by Washington State University (WSU) and is leased to Atkins Energy Federal EPC, Inc. The test platform is installed within the main facility and includes a 17 m (55 ft) high bay and an opening roof hatch. The test platform also includes a tower to the south of the facility that houses the Jet Pump Pair (JPP) drive system for the prototypic vessel Pulse Jet Mixer (PJM) mixing equipment and simulates the operational elevation for the valve racks, which is prototypic of the WTP.

QUALITY ASSURANCE (QA) REQUIREMENTS

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

Commercial Quality - Based on DOE Order 414.1C

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.

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

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