

WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

HLW Crane Refurbishment

Requisition Number: **24590-CM-SRA-W000-00377**
Submit Interest By: **December 7, 2023**
Quality Level: **CM**
Award Type: **TIME AND MATERIALS**

PERIOD OF PERFORMANCE: **Fiscal Year 2024 through Fiscal Year 2027**

Issue Request for Proposal: 1st Quarter of Calendar Year 2024

Award and Notice to Proceed: 1st Quarter of Calendar Year 2024

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 at 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:

1. The SUBCONTRACTOR shall perform work including the following:
 - a. Inspection and Refurbishment of 30 Overhead Cranes 3 Ton – 75 Ton High Level Waste (HLW) which will include.
 - i. Provide all material procurement and documentation for inspection, repairs, upgrades, and replacement parts deemed necessary to bring the 30 HLW cranes back to a safe operating condition.
 - ii. Providing updated radio remotes and placement of antenna around the facility for use with the radio remotes (with Operations' input) for 32 HLW cranes.
 - b. Perform inspection, diagnosis, maintenance, and refurbishment of 30 HLW cranes. At the conclusion of inspections/diagnosis, the SUBCONTRACTOR shall provide a detailed diagnosis/prognosis summary for each piece of equipment. If any deviations from the diagnosis/prognosis specified in Paragraph B occurs, notify WTP and revise the diagnosis/prognosis summary report for the addition of identified actions and resubmit to WTP for review and acceptance.
 - c. Provide Technical and Professional support for refurbishment of 30 HLW cranes SUBCONTRACTOR shall accommodate to the WTP Construction schedule.
 - d. Provide an Electrical and Mechanical Subject Matter Expert (SME) both for in-shop and on-site. The SME will conduct UL inspections.
 - e. Signatory to the Hanford Site Stabilization Agreement (HSSA) may be required in performance of the Work.

Equipment and Materials Required

SUBCONTRACTOR shall supply labor and equipment required to test, inspect cranes, and perform crane refurbishment.

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 |

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.

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 located at <http://www.hanfordvitplant.com>

CONTACT

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