

# WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

## Design of CM HLW Melter Power Supplies

Requisition Number: 24590-CM-SRA-EY00-00001  
Submit Interest By: February 18, 2026  
Quality Level: CM  
Award Type: LUMP SUM, FIRM FIXED PRICE, FIXED UNIT RATE  
Issue Request for Proposal: Late 2Q26  
Award and Notice to Proceed: Early 3Q26

### 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:

Analysis and Feasibility for the following options.

- 1) Provide ROM on refurbishment of existing HLW melter power supplies so they comply with CONTRACTOR specifications, datasheets, and design drawings.
- 2) Provide ROM on new design for HLW melter power supplies that comply with CONTRACTOR specifications, datasheets, and design drawings.

SUBCONTRACTOR shall analyze existing HLW melter power supply system and provide options to refurbish or replace the HLW melter power supply system so the system complies with the requirements in the specified specifications, datasheets, and design drawings. SUBCONTRACTOR to propose design utilizing newer technology which meets the specified requirements.

### QUALITY ASSURANCE (QA) REQUIREMENTS

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

	Non-Permanent or Temporary Work - Generally no QA program required
x	Commercial Quality - Based on DOE Order 414.1C
	Nuclear Level Quality - Based on ASME NQA-1 2000

### CODES and STANDARDS

NFPA 70-2023 - National Electrical Code  
UBC-97 - Uniform Building Code (UBC)  
ANSI C37.51  
ANSI C37.57  
IEEE C37.20.1  
IEEE C37.20.3  
IEEE C37.23  
IEEE C57.12.01  
IEEE 519  
UL 347A

UL 347  
UL 50  
UL 1066  
UL 1562  
UL 1598  
UL 508A  
UL 857  
UL 891  
NFPA 70E  
NEMA 250  
NEMA ICS 6

## **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.  
450 Hills Street  
Richland, WA 99354  
Attn: Robert Miller  
Phone: 509-827-3779  
Email Address: [rmiller8@bechtel.us](mailto:rmiller8@bechtel.us)