

# WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

## Pressure Transmitters, Differential Pressure Transmitters, Temperature Transmitters, & Level Transmitters

Requisition Number: **24590-CM-MRA-JP02-00007**  
Submit Interest By: **April 23, 2018**  
Quality Level: **CM**  
Award Type: **FIRM FIXED PRICE**

### ESTIMATED SCHEDULE

Issue Request for Proposal: **April 24, 2018**  
Award and Notice to Proceed: **June 20, 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

The Seller shall be responsible for providing three (3) Differential Pressure Transmitters (Level), twenty-five (25) Differential Pressure Transmitters, Fifty-two (52) Pressure Transmitters, two (2) Differential Pressure Transmitters (Density), and fifty-three (53) Temperature Transmitters for Hanford Tank Waste Treatment and Immobilization Plant (WTP).

The pressure transmitter is utilized for measurement of gauge pressure and absolute pressure. The differential pressure transmitter is utilized for differential pressure, flow, and level measurements.

The quality level assigned to each item procured based on this specification is Quality Level CM (Commercial Quality)

### 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.

### INDUSTRY CODES and STANDARDS

- ASME B16.5: Pipe Flanges and Flanged Fittings
- NFPA 70-1999: National Electric Code
- ANSI/ISA-50.02, Parts 2, 3, 4, 5 and 6: Fieldbus Standard for Use in Industrial Control Systems

- ANSIISA 50.00.01: Compatibility of Analog Signals for Electronic Industrial Process Instruments
- NEMA ICS 6, Industrial Control and Systems: Enclosures
- OSHA 29 CFR 1910-Subpart S: Occupational Safety and Health Administration - Electrical
- NEC Article 110: Requirements for Electrical Installations
- ANSI/NCSL Z540.3: Requirements for the Calibration of Measuring and Test Equipment
- ISO/IEC 17025: General Requirements for the Competence of Testing and Calibration Laboratories

## **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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