

# WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

## COLD COMMISSIONING EFFLUENT DISPOSAL

Requisition Number: 24590-NP-FSR-HCLC-00011  
Submit Interest By: June 25, 2021  
Quality Level: NP  
Award Type: FIRM FIXED UNIT RATES

**ESTIMATED SCHEDULE** May 31, 2022

Issue Request for Proposal: July 1, 2021  
Award and Notice to Proceed: July 30, 2021

### 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 Shall provide 8 frac tanks that will store at least 88,000 gallons to support transfer of liquid waste effluent during cold commissioning. Subcontractor shall provide transport, treat (if required) and disposal services for non-regulated and regulated liquid effluents as defined by Federal and State waste codes. These services shall include: Frac tanks with secondary containment around each frac tank and freeze protection for each tank (CONTRACTOR provided power). Transport shall include trained/licensed drivers, trained and certified shippers with corresponding paperwork required to transport regulated liquid waste. Transport vehicle(s) certified per the Department of Transportation (DOT) to contain and transport a minimum of 4,000 gallons or more of liquid waste. Subcontractor shall be responsible for loading the transport vehicle including all equipment necessary to perform the transfer. Subcontractor chosen treatment and disposal facility must be permitted to treat and dispose of wastewater.

### Equipment and Materials Required

1. Transport Vehicles with Drivers, Minimum 4,000 gal.
2. Frac Tanks
3. Spill Containment
4. Pumping Equipment for Loading
5. Sampling

### QUALITY ASSURANCE (QA) REQUIREMENTS

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

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Non-Permanent or Temporary Work - Generally no QA program required |
| <input 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**

- **40 CFR, Protection of Environment, Code of Federal Regulations**
- **49 CFR, Transportation, Code of Federal Regulations**
- **Washington Administration Code (WAC) Chapter 173-303, Dangerous Waste Regulations**

## **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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