

# WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

SERVICE, LOCAL WORKSHOP FABRICATION SERVICES, BASIC ORDERING AGREEMENT – LAW FACILITY

Requisition Number: 24590-03-SCR-UE53-00066  
Quality Level: Enhanced Commercial  
Award Type: Firm Fixed Price

## ESTIMATED SCHEDULE

Issue Request for Interest: July 10, 2024  
If Interested, Please Respond By: July 23, 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 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 primary purpose of this Basic Ordering Agreement (BOA) is to facilitate the pre-approval of SELLER/SELLER's to be available to support emergent engineering work scope from the Waste Treatment Completion Company, LLC (WTCC) / Hanford Tank Waste Treatment and Immobilization Plant (WTP).

The BUYER ultimately expects to develop a list of pre-approved SELLERS based on multiple factors including, but not limited to:

- History of experience (at both the company & personnel level)
- Business experience with WTCC/WTP
- Current shop loading
- Personnel availability
- Proximity to WTCC/WTP (Hanford Site: Richland, WA)
- Typical company profile / portfolio / capabilities.

Scope of work shall only include general workshop activities. Activities may include general machining to standard engineering workshop tolerances (e.g. lathework, millwork, drilling, grinding, and/or shaping, etc.) Other activities may occasionally include fabrication in accordance with American Welding Society (AWS) Codes and Standards, including non-destructive examination (NDE). Other activities may also include general benchwork to normal hand working tolerances.

## Additional Scope/Requirements:

- The inclusion of fabrication in this BOA is to facilitate a part being welded to another piece part, for example, the inclusion of a lifting lug, or tie down lug. SELLER is not expected to fabricate multifaceted structural metal frames or piping spools etc.
- Dimensioning and tolerancing shall be in accordance with ASME Y14.5.
- The detail dimensions and tolerancing shall be as shown on the BUYERS' design drawing / document attached to a subsequent release to this BOA.
- The materials used in the execution of this BOA is limited to Stainless Steel and / or Carbon Steel only.

- Any additional material used in the execution of a BUYER'S request shall be new, and unused material, unless agreed upon in writing with the BUYER.
- All work will be carried out in accordance with an issued WTCC/WTP document/s (typically in the form of an engineering drawing/s and/or engineering submittal/s) which will be provided in a subsequent release to this BOA.
- BUYER may identify any additional detail deemed necessary in the scope of work in any subsequent release to this BOA.
- The additional detail discussed above may vary from request to request.
- The documents listed in Table below are general in nature and for use towards this BOA. The SELLER shall expect any or all of those documents be used against work scope identified in a subsequent release to this BOA. There may be occasions when not all the documents listed in Table **Error! Reference source not found.** are utilized. E.g. Shelf Life documentation may not always be applicable.

Document Number	Rev	Description
4A03e MR Form G321E	21	ENGINEERING DOCUMENT REQUIREMENTS
4A03v MR Form G321V	17	QUALITY VERIFICATION DOCUMENT REQUIREMENTS
5A02a MR Part 2 Att. DD	13	TECHNICAL REQUIREMENTS ATTACHMENT DD
24590-RAEN-F00113	0	WTCC SUPPLIER DEVIATION DISPOSITION REQUEST (SDDR)
24590-PENG-F00045	1	SHELF LIFE INFORMATION

- All Welding and Welding Personnel shall be performed and qualified in accordance with American Welding Society (AWS) codes.
- All Carbon Steel fabrication, when applicable, shall be in accordance with AWS D1.1
- All Stainless Steel fabrication, when applicable, shall be in accordance with AWS D1.6
- All fabrication of sheet material < 3/16" thickness, when applicable, shall be in accordance with AWS D1.3
- All Non Destructive Examination (NDE), including visual examination and ultrasonic (UT) thickness measurements, shall be performed by personnel certified in accordance with American Society for Nondestructive Testing Recommended Practice SNT-TC-1A, Personnel Qualification and Certification in Nondestructive Testing.
- SELLER is to provide material segregation to the extent which is practical for any materials provided by BUYER, or the SELLER, in the execution of the BUYERS request/s. Primary concern here is the potential cross contamination of carbon steel to stainless or other materials with negative long term consequences.

### 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.

### CODES

To be determined by order release.

## **STANDARDS**

To be determined by order release.

## **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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