

# WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

## QL Post-Installed Concrete Anchors

Requisition Number: 24590-QL-MRA-FA02-00006  
Submit Interest By: February 13, 2024  
Quality Level: QL  
Award Type: Fixed Unit Rate

### ESTIMATED SCHEDULE

Request for Proposal Start Date: 02/14/2024, End Date: 05/08/2024.  
Commercial Evaluation Start Date: 06/07/2024, End Date: 07/05/2024.  
Award Start Date: 09/04/2024, End Date: 10/01/2024.  
Issue Request for Proposal: February 14, 2024  
Award and Notice to Proceed: October 1, 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

Provide Q Post-Installed Concrete Anchors (as listed in Equipment and Materials Required below) for HLW building of WTP. Anchors to be provided per Buyer's request and in accordance with Material Requisition 24590-QL-MRA-FA02-00006.

#### Equipment and Materials Required

Item	Rev	Qty & Unit	Material ID and Description (Scope of work)	Unit Price	Ext. Value
1.000	0	1 EA	1 in x 17 1/2 in A193 Maxi-Bolt, Embedment -12 1/2  <b>Supplier Stock Code</b> <b>Size</b> MB-1000-17.5                                      1 IN x 17.5 IN		
1.001	0	1 EA	1 1/4 in x 23 in A193 Maxi-Bolt, Embedment -16  <b>Supplier Stock Code</b> <b>Size</b> MB-1250-23                                      1.25 IN x 23 IN		
1.002	0	1 EA	3/8 in x 6 in A193 Maxi-Bolt, Embedment -3 1/2  <b>Supplier Stock Code</b> <b>Size</b> MB-375-6                                      .375 IN x 6 IN		

Item	Rev	Qty & Unit	Material ID and Description (Scope of work)	Unit Price	Ext. Value
1.003	0	1 EA	1/2 in x 8 1/4 in A193 Maxi-Bolt  <b>Supplier Stock Code</b> MB-500-8.25		
1.004	0	1 EA	5/8 in x 10 in A193 Maxi-Bolt, Embedment -7 1/2  <b>Supplier Stock Code</b> MB-625-10 <b>Size</b> .625 IN x 10 IN		
1.005	0	1 EA	Drillco Max-Bolt A193, overall length 12 1/4 inch, 9 1/4 embedment  <b>Supplier Stock Code</b> MB-750-12.25 <b>Size</b> .75 IN x 12.25 IN		
2.000	0	1 EA	1 in x 17 in A36 Maxi-Bolt, Embedment -12  <b>Supplier Stock Code</b> MBA36-1000-17 <b>Size</b> 1 IN x 17 IN		
2.001	0	1 EA	1 1/4 in x 23 in A36 Maxi-Bolt, Embedment -16  <b>Supplier Stock Code</b> MBA36-1250-23 <b>Size</b> 1.25 IN x 23 IN		
2.002	0	1 EA	3/8 in x 5 in A36 Maxi-Bolt, Embedment -3 1/4  <b>Supplier Stock Code</b> MBA36-375-5 <b>Size</b> .375 IN x 5 IN		
2.003	0	1 EA	1/2 in x 8 in A36 Maxi-Bolt, Embedment -4 1/2  <b>Supplier Stock Code</b> MBA36-500-8 <b>Size</b> .5 IN x 8 IN		
2.004	0	1 EA	5/8 in x 10 in A36 Maxi-Bolt, Embedment -7 1/2  <b>Supplier Stock Code</b> MBA36-625-10 <b>Size</b> .625 IN x 10 IN		
2.005	0	1 EA	3/4 in x 12 in A36 Maxi-Bolt, Embedment -7  <b>Supplier Stock Code</b> MBA36-750-12 <b>Size</b> .75 IN x 12 IN		
3.000	0	1 EA	1 IN X 18 IN A193 GR B8 CLASS 1 MAXI-BOLT, EMBEDMENT -12  <b>Project Stock Code</b> SAMB-304-CL1-1000-18 <b>Size</b> 1 IN x 18 IN		
3.001	0	1 EA	1 IN X 20 1/2 IN A193 GR B8 CLASS 1 MAXI-BOLT, EMBEDMENT -14 1/2  <b>Project Stock Code</b> SAMB-304-CL1-1000-20.5 <b>Size</b> 1 IN x 20.5 IN		

Item	Rev	Qty & Unit	Material ID and Description (Scope of work)	Unit Price	Ext. Value
3.002	0	1 EA	1 in x 17 in A193 Gr B8 Class 1 Maxi-Bolt, Embedment -12  <b>Supplier Stock Code</b> SAMB-304CL1-1000-17 <b>Size</b> 1 IN x 17 IN		
3.003	0	1 EA	1 1/4 in x 23 in A193 Gr B8 Class 1 Maxi-Bolt, Embedment -16  <b>Supplier Stock Code</b> SAMB-304CL1-1250-23 <b>Size</b> 1.25 IN x 23 IN		
3.004	0	1 EA	3/8 in x 5 in A193 Gr B8 Class 1 Maxi-Bolt, Embedment -3 1/4  <b>Supplier Stock Code</b> SAMB-304CL1-375-5 <b>Size</b> .375 IN x 5 IN		
3.005	0	1 EA	1/2 in x 8 in A193 Gr B8 Class 1 Maxi-Bolt, Embedment -4 1/2  <b>Supplier Stock Code</b> SAMB-304CL1-500-8 <b>Size</b> .5 IN x 8 IN		
3.006	0	1 EA	5/8 in x 10 in A193 Gr B8 Class 1 Maxi-Bolt, Embedment -7 1/2  <b>Supplier Stock Code</b> SAMB-304CL1-625-10 <b>Size</b> .625 IN x 10 IN		
3.007	0	1 EA	3/4 in x 12 in A193 Gr B8 Class 1 Maxi-Bolt, Embedment -7  <b>Supplier Stock Code</b> SAMB-304CL1-750-12 <b>Size</b> .75 IN x 12 IN		
4.000	0	1 EA	1 in x 17 in A193 Gr B8 Class 2 Maxi-Bolt, Embedment -12 1/2  <b>Supplier Stock Code</b> SAMB-304CL2-1000-17 <b>Size</b> 1 IN x 17 IN		
4.001	0	1 EA	1 1/4 in x 23 in A193 Gr B8 Class 2 Maxi-Bolt, Embedment -16  <b>Supplier Stock Code</b> SAMB-304CL2-1250-23 <b>Size</b> 1.25 IN x 23 IN		
4.002	0	1 EA	3/8 in X 5 in A193 Gr B8 Class 2 Maxi-Bolt, Embedment -3 1/4  <b>Supplier Stock Code</b> SAMB-304CL2-375-5 <b>Size</b> .375 IN x 5 IN		
4.003	0	1 EA	1/2 in X 8 in A193 Gr B8 Class 2 Maxi-Bolt, Embedment -6  <b>Supplier Stock Code</b> SAMB-304CL2-500-8 <b>Size</b> .5 IN x 8 IN		

Item	Rev	Qty & Unit	Material ID and Description (Scope of work)	Unit Price	Ext. Value
4.004	0	1 EA	5/8 in x 10 in A193 Gr B8 Class 2 Maxi-Bolt, Embedment -7 1/2  <b>Supplier Stock Code</b> SAMB-304CL2-625-10  <b>Size</b> .625 IN x 10 IN		
4.005	0	1 EA	3/4 in x 12 in A193 Gr B8 Class 2 Maxi-Bolt, Embedment -9 1/4  <b>Supplier Stock Code</b> SAMB-304CL2-750-12  <b>Size</b> .75 IN x 12 IN		

## 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 type="checkbox"/>            | Commercial Quality - Based on DOE Order 414.1C                     |
| <input checked="" 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.

## STANDARDS

- American Society for Testing and Materials (ASTM)
- ASTM A36
- ASTM A193

## 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: Thomas Slack  
Phone: 509-371-5228  
Email Address: [tmslack@bechtel.com](mailto:tmslack@bechtel.com)  
Mailstop: MS5-K.1