

WASTE TREATMENT PLANT PROJECT REQUEST FOR INTEREST

NetApp Professional Support Services

Requisition Number: 24590-NP-FSR-HX00-00074
Submit Interest By: January 30, 2020
Quality Level: CM
Award Type: Fixed Unit Rate

ESTIMATED SCHEDULE

Issue Request for Proposal: January 30, 2020
Award and Notice to Proceed: February 27, 2020

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 tasks to be performed and activities essential to the products or services being procured are included in the following sections:

1. Provide an instructor led training session for project personnel/students, to be held onsite at the WTP project office in Richland, WA. The course to be provided is NetApp's OnTAP 9.3 Cluster Administration and Data Protection Bundle (CDOTDP9). This 5-day course comprises the 3-day ONTAP 9.3 Cluster Administration (ONTAP9ADM) followed by the 2-day ONTAP 9.3 Data Protection Administration (DATAPROT9) courses.
2. Provide full installation and data migration service for all data off our current Hitachi storage system and on to our NetApp A300 system.

Subcontractor will provide the following Professional Services for Bechtel:

- Perform an Advanced Configuration of 2-node A300 ONTAP 9.x clusters located in the Customer's Production and Disaster Recovery ("DR") Data Centers in preparation for migration to ONTAP 9.x
- Perform ONTAP Select installation and configuration for HCI clusters
- Add compute nodes and storage nodes into each existing HCI cluster. After nodes have been added, remove swing nodes from each HCI cluster.
- Conduct white board planning session on HCI. Conduct Knowledge Transfer ("KT") session for VMware best practices and a KT session on VDI best practices.
- Perform a data migration of NAS data from Hitachi HNAS Arrays to A300 2-node ONTAP 9.x cluster. The migration will consist of migrating top level shares to the Customer's existing ONTAP9.x cluster
- Perform OnCommand Unified Manager ("OCUM") and OnCommand Performance Manager ("OPM") implementation at Customer's site
- Set up and implement Storage Virtual Machine ("SVM") DR for SVMs and volumes

- Implement the Workflow Automation (“WFA”) tool and then set up SVM DR pack

TECHNICAL REQUIREMENTS

- SUBCONTRACTOR shall provide all training materials.
- SUBCONTRACTOR’S technician must be authorized by NetApp Inc to perform maintenance and support on the CONTRACTOR’s NetAPP systems. Technicians must stop when unsure and consult CONTRACTOR’s IS&T representative.

TECHNICAL CAPABILITY

- SUBCONTRACTOR’S trainer must be authorized by NetApp Inc as a NetApp certified trainer.
- SUBCONTRACTOR’S technician is responsible for the movement of all data from the Hitachi NAS without loss of data or compromise of integrity. Technicians must have experience in large volume data migration between disparate storage systems.

QUALITY ASSURANCE (QA) REQUIREMENTS

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

X	Non-Permanent or Temporary Work - Generally no QA program required
	Commercial Quality - Based on DOE Order 414.1C
	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.

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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