

SENIOR QUALITY ASSURANCE ENGINEER – BECHTEL

Posting Date: Nov 1, 2017

Location: Richland, WA, US

Requisition ID: 193119

Project: Waste Treatment Completion Company LLC (WTCC)

Location: Richland, WA

Relocation Authorized: National - Family

Work Authorization: Possess right to work in the US without sponsorship

Other Requirements: Pre-employment drug screen, background check and physical

Requisition Entity: BNI, for a loaned position to WTCC

Bechtel is designing, constructing and commissioning the world's largest radioactive waste treatment plant for the U.S. Department of Energy at the Hanford Site in southeastern Washington state. The Hanford Tank Waste Treatment and Immobilization Plant will use vitrification technology to process and solidify 56 million gallons (210 million liters) of radioactive and chemical waste stored at the Hanford site, which is a byproduct of plutonium production during World War II and the Cold War era.

The project is the largest undertaking of its kind and one of DOE's most technically challenging cleanup projects. Its construction spans 65 acres (26 hectares) with four major nuclear facilities – Pretreatment, Low-Activity Waste Vitrification, High-Level Waste Vitrification and Analytical Laboratory – as well as operations and maintenance buildings, utilities, other support facilities.

This position is located at the Construction Site (22 miles north of Richland) and works a 4 x 10 schedule, M-Th, 6:30 a.m. to 5 p.m.

The Waste Treatment Completion Company (WTCC) is a limited liability corporation created by Bechtel National Inc. (BNI) and AECOM. WTCC is a subcontractor to BNI, the prime contractor, to deliver the construction, turnover, startup, and commissioning activities for the WTP project.

JOB DIMENSIONS:

- Receives operational supervision and direction from a Quality Supervisor or Quality Manager.
- Performs most assignments independently with instructions as to the general requirements.
- Provides functional guidance to quality specialists who assist in performing specific assignments. Directs the work of quality specialists and others when assigned.
- Maintains contact with project and staff personnel in Engineering, Environmental Safety and Health (ES&H), Procurement, Construction, Supplier Quality, Administrative Services, Testing, Operations, Decommissioning, Project management, and others as required by assignments, to impart or obtain information. Also makes contact with client personnel when directed to impart

and gather information.

ESSENTIAL JOB DUTIES:

- Supports the effective implementation of applicable corporate or project quality requirements.
- Prepares and completes quality audit checklists and participates in quality audits of corporate/project quality program/plans including, as needed, pre-award assessments of potential suppliers and subcontractors as a prospective lead auditor or a qualified lead auditor.
- Assesses and monitors project engineering, environmental, procurement, construction, testing, operations, decommissioning and other activities related to the quality program/plan.
- Reviews and monitors nonconforming conditions and associated corrective actions to ensure quality program effectiveness.
- Reviews and determines applicable quality requirements for inclusion in selected engineering, procurement, and construction documents.
- Reviews and reports on project associated quality-related procedures and manuals for conformance to project quality program/plan requirements.
- Drafts quality procedures for review, approval, and issuance in accordance with approved processes.
- Drafts revisions/amendments to the corporate and/or project quality program/plans.
- Reviews and reports on new or revised regulatory requirements and their impact on the established quality program.
- Reviews and determines the sufficiency of corporate/project quality control inspection plans.
- Analyzes, identifies actions and recommends solutions to mitigate performance risk.
- Follows up on actions taken in response to audit findings to ensure adequacy of completed corrective actions.
- Performs supplier/subcontractor qualification surveys, review requests for proposals, evaluate bid documents, review supplier/subcontractor quality programs, and perform source inspections, surveillances and quality audits.
- Maintains contact with designated client quality personnel to provide status, manage relationships, and execute applicable actions.
- Provides direction and assigns work to quality specialists and others who assist on specific assignments. Reviews and checks work.
- Works with and/or leads root cause analysis in conjunction with other project or staff personnel to develop corrective action plans which assist in the resolution of complex issues.
- Provides mentoring/facilitation of causal analyses.
- Provides input into the development of standardized metrics and responds to engineering, construction, procurement, and others who request guidance on implementation of quality requirements.
- Engages with functions to ensure quality requirements are built into processes.

JOB KNOWLEDGE:

- Intermediate to advanced technical knowledge in the application of engineering, environmental, procurement, construction, testing, or operations or decommissioning practices sufficient to comprehend specified engineering, environmental, procurement, construction, testing, operations, decommissioning, and regulatory requirements.
- Knowledge of the quality principles and their application to engineering, environmental, procurement, construction, testing, operations or decommissioning.
- Knowledge of corrective action system application to eliminate nonconforming conditions.
- Knowledge of regulatory requirements and functions that impact the quality program.
- Proficiency in oral and written communication, change management, facilitation and coaching

skills.

- Proficiency in the use of applicable computer applications.
- Knowledge of Bechtel's administrative practices.

Basic Qualifications

- A bachelors degree in engineering, quality or a specialized discipline and six years' work experience in engineering, environmental science, procurement, construction, testing, operations, decommissioning, or business administration.
- In lieu of degree, 12 years' work experience in engineering, environmental science, procurement, construction, testing, operations, decommissioning, or business administration.

Preferred Qualifications

- Demonstrated Software Quality Experience
- Current NQA-1 Lead Auditor

To apply: https://jobs.bechtel.com/professional/job/Richland-Sr-Quality-Assurance-Engineer-%28WTCC%29%2C-193119-Job-WA-99352/427285600/?from=email&refid=1009916700&utm_source=J2WEmail&source=2&eid=392-201710060610-2175216100&locale=en_US