

## CONSTRUCTION ENGINEER TECHNICIAN

**Job Category:** Construction

**Requisition Number:** CONST001385

Posting Details

Posted: April 16, 2024

Full-Time

## Locations

Showing 1 location

Newport, RI

Newport, RI 02841, USA

Job Details

## Description

### Job Qualifications and skills

A minimum of 5 years of verified experience as a Quality Control Manager working for General Contractors on NAVFAC or U.S. Army Corps of Engineers (ACOE) projects OR 10 years of verified foreman experience in one or more of following trades: Concrete, Mechanical, Electrical, Masonry, or Carpentry on commercial/industrial/military projects. Residential experience does not qualify.

Knowledge and Skills Required by the Position

### Quality Assurance

Must successfully complete the "CQM for Contractors" course associated with the ACOE.

Provide overall coordination of the construction quality management program for assigned projects.

In conjunction with the Construction Manager (CM), review and provide recommendations toward approval of contractor quality control plan.

Attend selective quality control, preparatory and initial meetings, and monitor three-phase checklists for accuracy and thoroughness.

Provide relevant remarks on Government Quality Assurance (QA) reports (or in identified section of Contractor's Quality Control (QC) reports), particularly on critical, definable features of work included.

Take/file/distribute progress photos. Validate quantity, condition, and approval of materials on site prior to Government issuing invoice payments.

Coordinate support to review and witness successful testing and commissioning/certification of critical systems (i.e., mechanical - HVAC/TABS/DALTS/DDC, electrical -Pad Mounted Transformers/High-Voltage Systems/Switchgear/Automatic Transfer Switches/Frequency Converters, fire and life safety/fire protection systems, roofing systems, and underwater structures). Assure quality workmanship in accordance with specifications and industry standards on concrete/masonry/stucco/building, envelope/structural steel/bolting/welding and other building materials/structural systems, as required.

Attend/witness selected tests and review all applicable test reports and results.

Keep the Government sponsor advised as to the status of projects under his/her administrative and technical control, but the responsibility to plan and carry out the assignment is accomplished independently.

### **Safety Management**

In conjunction with the CM, perform cursory review of Activity Hazard Analyses (AHAs) and ensure via the Site Safety and Health Officer (SSHO) that these are discussed by the construction contractor and their respective subcontractors prior to beginning each work activity or when a new work crew is to perform the work in accordance with the three phases of QC.

In conjunction with the CM, review and provide recommendations towards acceptance of Crane Critical Lift Plans, along with crane operation qualifications and certificate of compliance. Incumbent must be familiar with crane safety requirements and NAVFAC P-307 (Management of Weight Handling equipment). Observe critical lifts.

Ensure construction contractor is conducting monthly site safety self-evaluations and submitting the information with the pay vouchers/invoices; perform worksite safety assessments, as needed.

Take appropriate, timely action to ensure construction contractor compliance of safety and health requirements, including leading safety stand-downs, as required, and recommending dismissal of key construction contractor staff from the project due to non-performance or recurring violations.

Ensure reporting of contractor significant incidences/near misses with a focus that corrective actions have been taken. Perform cursory review/QA of Contractor's Significant Incidence Reports (CSIRs) and OSHA Form 300 (Contractor's Log of Work-Related Injuries and Illnesses). Provide additional support (as needed) in mishap investigations where property damage is >\$500,000, injury and/or occupation injury results in fatality or permanent partial/total disability, or three or more personnel are hospitalized for inpatient care because of a single mishap.

### **Technical Support**

Support extensive contact with key construction contractor representatives to promote an atmosphere of partnering and cooperation and to quickly resolve problems and maintain construction schedule.

Coordinating temporary utility and communication hook-ups for contractor, coordinating utility outages and road closures.

Coordinating lay-down area and storage areas, as required.

Coordinating excavation, hot work, burn and other construction-related permits, as required, subject to local restrictions.

Supports as a point of contact for Supported Command interface/coordination in the field.

Supporting collateral equipment installation and phone/data/communication connections.

Assisting with investigation of potential latent defects.

Assisting with coordination of the installation of cylinders/cores, keying system, and turnover of keys to owner/occupant and coordination of the facility system training for owner/occupants/PW shops personnel.

Reviewing pre-final contract drawings and specifications (particularly Division 01 administrative requirements) and technical RFPs, respectively. Perform on-site visits to review constructability and compatibility with actual field conditions. During design development and constructability review, provide technical knowledge of local conditions, including availability of construction materials and skilled labor. For problems found, make solution recommendations for designer consideration. Actively participate in partnering sessions, depending on the nature and scope of the construction contract. Facilitate effective relationships and processes between contractors, Supported Command, and government team members.

Support the review of all Government-approved technical and administrative submittals, including, but not limited to, the schedule of prices, contractor's baseline critical path schedule, accident prevention plan, activity hazard analyses, safety and health plan, quality control plan, test plans/reports, performance verification tests of major systems, etc.

Investigating engineering problems that may arise on construction contracts, such as unforeseen conditions, contractor requests for information (RFIs), and dimension conflicts. Make recommendations for solutions to the NAVFAC CM.

Supporting preliminary scheduling meeting and review 3-week look ahead schedules (as applicable). Review updates of the baseline schedule with the CM to determine if contractor is ahead, on or behind. Review the critical activities to ensure the work on the construction contract remains focused on completion in the most reasonable time. As necessary (particularly when a contractor is falling behind schedule), participate in the bi-weekly look ahead meetings with the construction contractor to review project scheduling problems or concerns.

Reviewing and annotating, as required, contractor daily reports.

Assuring environmental compliance by contractor and coordinate EPA jobsite visits, when required.

Reviewing and verifying the accuracy of as-built drawings in support of invoice payments.

When applicable, coordinating with NAVFAC CM and issue non-compliance notice to contractor.

Arranging and coordinating pre-final and final acceptance inspections and tracking completion of punch list items.

Supporting the closeout process, including delivery of as-built drawings, warranties, Operations & Maintenance (O&M) manuals, and spare parts turnover.

**Education:**

Complete the "CQM for Contractors" course associated with the ACOE.

**Benefits**

Excellent salary and benefits package to include paid time off, paid holidays, comprehensive health insurance plan including medical, dental, vision, life insurance, long-term disability insurance; 401(k) plan with employer match.

**EEO Statement**

Bristol companies are equal opportunity employers and offer any available positions to all, without regard to race, color, religion, sex, national origin, age, disability, veteran status, parenthood, pregnancy, marital status, or changes in marital status, in accordance with applicable state and federal laws. This applies to recruitment, placement, pay, benefits, training, employment status changes, social and recreational programs, and other conditions and benefits of employment. As an Alaska-Native-owned company, Bristol companies seek out and hire qualified Alaska Natives and other minorities.

Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities