

AutoCAD Engineer (CO 21-01)

Description

Candidate will use standard computer aided design CAD digitizing techniques and skills. Digitizes, edits, and revises integrated circuit drawings consisting of components and/or assemblies. Makes basic engineering computations and prepares and revises specifications. Makes mathematical calculations and determines scales. May be required to diagnose and correct equipment problems.

This position is on the GPS Control Segment Sustainment contract as a Technical Order team member. Candidate will accurately document changes to technical engineering drawings resulting from any operational changes or maintenance actions. Prepare project documentation, such as engineering drawings and technical orders to ensure customer contract requirements are met. Review documentation required for each project phase, applying knowledge of engineering and manufacturing processes. Meet schedule due dates for drawings, specifications, software, technical manuals and other documents. Monitor status of project to ensure documentation is submitted according to schedule. Review and verifies documents for completeness, format, and compliance with contract requirements. Provide technical engineering drawing redlines on-site for organizational level maintenance. Provide Technical Order Management Agency (TOMA) support functions for Control Segment and GIN drawings. Incorporate Government initiated AFTO 22/252s, republish and distribute accurate and complete drawings for GPS: GA, MS, MCS/AMCS, GIN, PTE, IIA, IIR, IIF, Schedule Control, Analyst, classified supplement, and all applicable Commercial-Off-the-Shelf (COTS) manuals. Address all errors and inadequacies with zero technical errors and not more than two administrative errors per page as found during pre-publication review. Print/deliver drawings per requirements in ETIMS/JCALS. Update and release engineering drawings to correct existing errors based on Government, Depot Level Maintenance or drafter documented changes using Government approved configuration management process. Engineering drawings may include changes or updates to Vendor Item Control Drawing (VICD), rack elevation, connection diagrams, floor layouts, power and grounding and drawing trees for the GA, MS, MCS/AMCS, PTE, and GIN baselines. Evaluate and deliver Contractor Furnished Equipment Notices (CFEN) with COTS manual data. Update and release engineering drawings annually per approved drawing change requests. Provide accurate engineering drawings for Consolidated Test Environment (CTE) and Telecommunications Station Test Simulator (TSTS).

Location

Colorado Springs, CO area.

Education and Experience

Bachelors degree from an accredited college in a related discipline, with 2 years or more of professional

experience (or 0 years of professional experience with a related Masters degree). Alternatively, equivalent experience/combined education.

Qualifications

Knowledge and use of the ClearQuest database, AUTOCAD, and the Microsoft Office tools suite.

Required Skills

Excellent verbal and written communication skills. Ability to be flexible in a dynamic environment. Ability to work in a team environment or independently as required. Must be able to obtain and maintain a DOD Secret clearance.

Desired

Previous technical knowledge of the GPS Space Segment and GPS Control Segment, with previous GPS technical documentation/AutoCAD drawing experience.

Send Resume or Direct Inquiries To:

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