



JOB DESCRIPTION

Position: Design Engineer

Clearance: US Citizenship; Ability to obtain a Secret Clearance

Shift: Mon -Thurs: 4/10

Location: Orlando, FL (Hybrid)

Grit Government Solutions is currently looking for a Design Engineer for its Customer in Orlando, FL. The position requires Electromechanical Design (CCA & Harness) experience. We are looking for Electromechanical Engineers with extensive experience in designing and integrating complex electronic hardware.

- The roles focus on creating detailed mechanical layouts for Circuit Card Assembly (CCA) boards, selecting appropriate connectors, and ensuring fit, clearance, and tolerance compliance using PTC Creo and Windchill.
- You will troubleshoot manufacturing issues, support DFM/DFA reviews, define and oversee test plans, and manage board integration with enclosures.
- Cable and harness design, as well as Zuken experience, are strong pluses.
- Documentation, BOM management, and cross-functional collaboration with mechanical, electrical, systems, reliability, and manufacturing teams are essential.

Required Experience:

- Must have a Bachelor degree (or higher) in Mechanical Engineering or Electrical Engineering.
- Must have at least 3 years of hands on experience with CCA board mechanical design, connector selection, and manufacturing support.
- Must have at least 3 years of hands on experience with Creo and Windchill
- Must have at least 3 years of hands on experience with Zuken, IPC standards, and aerospace/defense product cycles
- Strong problem-solving, communication, and project-management skills are a must, as is the ability to produce high-quality design documentation and guide test and integration activities.
- CCA BOARD LAYOUT & DESIGN IS REQUIRED