

Principal Multi-Disciplined Engineer

The Whole Life Engineering Department is seeking a strong engineer to manage hardware and software systems development programs. The person in this role must be experienced in leading proposal preparation / capture, task definition and control, resource assignment, cost, schedule, and performance management and customer interface and will plan and schedule tasks and manage budgets associated with those tasks. The engineer must provide strong team leadership and ensure the team is performing at a high level. This role must work with the team to provide design influence for supportability on the program and work with other Engineering disciplines and Program Management to solve logistics related technical problems. Other key duties include: Provide customer interface support, review program and customer requirements and identify additional areas where team can support customer goals, generate and present customer level briefings as required, and provide the technical supervision and integration of functional organizations during contract performance.

Required Skills:

- 8+ years of experience
- Proposal Lead / Integrated Product Team (IPT) Lead experience, detailed knowledge of ILS concepts, and past proficiency in Technical Manual, Training Curriculum, and Provisioning development.
- Proficiency in Microsoft Office Suite is required, as are organizational capabilities and strong problem solving capabilities.
- Candidate will possess good written and verbal skills.
- Ability to obtain DoD Secret Security Clearance
- U.S. Citizenship status is required, as this position will require the ability to access US only data systems.
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Desired Skills:

- Writing experience including development of technical proposals, Integrated Logistics Support (ILS) plans and Logistics Support Analysis (LSA) plans.
- Understanding of logistics product differences between US services (Army, Air Force, Navy, and USMC).
- Development of Maintenance Allocation Charts (MAC) and Depot Maintenance Work Records (DMWRS) is a plus. Knowledge of standing up a Depot and 24/7 Field Sustainment is desired.
- Experience with site surveys and field installation. □ Current DoD Secret Clearance.

Required Education:

Bachelor's degree in STEM or equivalent years of experience

18 Principal Electrical Engineer - Digital

This position is for an individual with educational and professional experience in the digital hardware design, fabrication, assembly, test, and integration of circuit card assemblies and subsystems with an emphasis on design of boards containing FPGA circuits and digital and analog interfaces. Knowledge of analog design techniques, including operational amplifiers, data converters, and power regulator

designs at the circuit card level is also desirable. The designer will interface with printed wire boards (PWB) designers to oversee layout, routing, and manufacturing of designs. The designer will be responsible for test and integration of these designs into the larger systems. Candidates for the position must have strong written and verbal communication skills and have the ability to lead teams to meet program budget and schedule milestones.

Required Skills:

- Minimum of 10+ years' experience in digital circuit design
- 10+ years' experience in design, implementation, test, and debug of digital circuit cards with FPGA's, ADC's, and DAC's that interface with RF components
- 10+ years' experience in engineering leadership as a hardware team lead or integrated product team lead of digital components
- Proficient with hands on troubleshooting and / or debugging of hardware with standard test equipment
- Experience with high speed interfaces for memories, FPGA's, and processors
- Familiarity with circuit card assembly, final assembly, and test manufacturing processes
- Ability to lead a team in a dynamic environment while effectively managing scope, communicating risk, managing schedule / budget, and providing status
- Experience in requirement allocation and generation
- Eligibility to obtain a secret clearance
- Ability to support occasional travel
- U.S. citizenship status is required at this position will need a U.S. security clearance within one year of start date

Desired Skills:

- Prior IFF product experience
- Experience implementing VHDL
- Earned value management exposure
- Experience interfacing with customers (internal and external)
- Experience as a manager conducting performance reviews for direct reports

Required Education (including Major):

Bachelor's degree in Electrical Engineering or equivalent

U.S. Citizenship and ability to obtain any required export authorization is required.