

Systems Engineer (2018-09)

Job Description: Provide systems engineering and technical assistance (SETA) for major defense program. Support working groups, technical reviews, and other group activities, such as Technical Exchange meetings, SRRs, PDRs, CDRs, Program Reviews, FATs, Developmental Tests and Operational Tests. Attend program meetings and make recommendations on technical and functional process matters and decisions. Prepare and present technical status briefings documenting progress, accomplishments, and problem areas affecting defined task areas.

The position requires a broad understanding of engineering principals across in wide range of technical disciplines related to Cyber Warfare and Information Operations. Requires knowledge of Signals Intelligence (SIGINT and sub-disciplines of COMINT and ELINT), Electronic Warfare (EW and sub-disciplines of ES and EA including communications jamming), and Computer Network Operations (CNO and sub-disciplines of CNE and CNA), communications theory, communications systems, propagation, signal processing, computer networks, networking theory, and software vulnerabilities.

Experience:

Required - At least five years of related experience in engineering.

Preferred

Seven years of experience with large R&D acquisition programs, with a focus on electronic warfare, radar, and/or information warfare preferred.
Experience working with Agile software development.

Education:

Required - BS in Electrical Engineering, Computer Engineering, Computer Science, or Systems Engineering. Allowable substitution: BS degree in math or physics and an additional eight years of experience.

Preferred - MS in Systems Engineering, EE, CE, CS

Knowledge/Skills and Abilities:

Required

Working knowledge of DOORS and Rhapsody, UML modeling.
Proficient knowledge translating system requirements into hardware or software specifications.
Working level ability designing, implementing, and evaluating system test and evaluation criteria and procedures to ensure compliance with Customer requirements.
Experience supporting development, maintenance, and execution of a program level Integrated Master Schedules and Integrated Master Plans.



Possess excellent verbal and written communication and organization skills.
Possess a team-oriented personality.
Proficient in Microsoft Office Suite applications including Word, Excel, PowerPoint, Project, and Outlook.
Working knowledge of SharePoint, and Visio.
Possess a high level of self-motivation; able to carry out tasks without continuous supervision.

Preferred

Proficient level knowledge of MS SharePoint and Visio software.
Proficient level knowledge of DOORS, Rhapsody, UML modeling.
Proficient knowledge of Agile software development.
Hardware and software integration and testing experience.

Training and Certifications:

Required - None.

Preferred

INCOSE CSEP or ESEP
DAU Engineering Level 2 or 3 (preferred focus in functional engineer or general engineer track).

Security:

TS/SCI Clearance or In-Scope Eligibility Required
Ability to pass CI Poly and/or Full Scope Poly

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