Senior Engineer (2018-08)

Job Description: Provide direct RF and software engineering support to senior engineers, analysts, and program managers on a major defense program. 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.

Requires the ability to write white papers, develop briefings, liaison with multiple organizations and senior leaders, clearly communicate technical topics to non-technical personnel, and monitor the development and testing of prototype systems.

Experience:

Required

A minimum of ten years of experience in research and development engineering support and management.
Experience managing an R&D project which included significant hardware and software development and integration.

Preferred

Fifteen years of experience with large, advanced R&D acquisition programs (over $250M in total cost), with a focus on electronic warfare, radar, and/or information warfare preferred.
Experience working with Agile software development.

Education:

Required - BS in electrical or mechanical engineering; Allowable substitution: BS in an engineering or other related technical discipline. Minimum of 10 years working on advanced projects.

Preferred - MS in electrical or mechanical engineering. Minimum of 6 years working on advanced EW, Cyber, IW, and CNO projects.

Knowledge/Skills and Abilities:

Required

Possess excellent verbal I written communication and organization skills. Possess a team-oriented personality.

Proficient at designing, implementing, and evaluating system test and evaluation criteria and procedures to ensure compliance with Customer requirements.

Proficient developing, maintaining, and executing a program level IMS and Integrated Master Plan (IMP).

Possess a working level knowledge of DOORS and Rhapsody, UML modeling.

Proficient in Microsoft Office Suite applications including Word, Excel, PowerPoint, Visio, Project, and Outlook. Working knowledge of SharePoint.

Possess a working level knowledge of DoD acquisition regulations to include DoD 5000.02.

Proficiency leading or participating as a member of an integrated product team (IPT) or technical exchange meeting.

Proficient in developing, managing, and executing interface control documents and specifications.

Proficient in leading successful teams responsible for integrating hardware and software components of a major system or subsystem.

Proficient in assessing and conducting risk/issue/opportunity identification, management and mitigation for large hardware and software integration projects.

Possess a high level of self-motivation; able to carry out tasks without continuous supervision.

Preferred

Knowledge of orbital mechanicals
Proficient in STK, MATLAB/SIMULINK
Proficient in SharePoint
Working knowledge of GIT software version control system
Agile software development experience

Training and Certifications:

Required - None.
Preferred - DAU Level 2 or 3 SPRDE, or DAU Level 2 or 3 Engineering. PMP certification.

HEGARTY RESEARCH LLC

Security:

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

Hegarty Research is an Equal Opportunity Employer and Prohibits Discrimination and Harassment of Any Kind: Hegarty Research is committed to the principle of equal employment opportunity for all employees and to providing employees with a work environment free of discrimination and harassment. All employment decisions at Hegarty Research are based on business needs, job requirements and individual qualifications, without regard to race, color, religion or belief, family or parental status, or any other status protected by the laws or regulations in the locations where we operate. Hegarty Research will not tolerate discrimination or harassment based on any of these characteristics. Hegarty Research encourages applicants of all ages.

Contact: Ms. Gloria Spicer, 703-992-7804, gspicer@hegartyresearch.com