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Exploitation Services Systems Engineer

Position ID: 2016 – S– 110

Position Location: Springfield, VA

Duration of Position: Full-Time

Security Clearance TS/SCI Clearance REQUIRED

Need Date: Immediate

Intelligence Consulting Enterprise Solutions, INC. is looking for an **Exploitation Services Systems Engineer**

Description:

The candidate will be part of the Exploitation Services Team on the National Geospatial-Intelligence Agency (NGA) Systems Engineering and Integrator for the NSG Program. The candidate will perform end-to-end systems engineering and integration and programmatic tasks to include: project management; baseline architecture / requirements / interface analysis and definition; Schedule analysis and definition; IT Engineering; Readiness; Integration; Test & Transition; and cross-project integration with dependent and non-dependent projects.

Deliverables and Artifacts produced will vary by engineering discipline and may include but not limited to:

- Providing SE&I and Analysis SME to implement NGA vision to replace aging Legacy Exploitation Systems with an Open System, Service-Oriented Architecture
- Assessing current and future technology, and ensuring the Project captures innovative tradecraft, lessons learned, and best practices
- Performing technical systems analysis of alternatives (AoA) and providing recommendations on NSG Enterprise services implementation and operations, leveraging industry best practices
- Performing stakeholder need data mining and interfacing with various NSG enterprise Organizations, Contractors & Industry on Technology, IT implementation alternatives, techniques, processes and best practices
- Performing Transition Planning, documenting current performance and function and mapping current performance to future solutions while optimizing transition schedules
- Analyzing user needs to develop IT solutions, designing/implementing processes, new/customized capabilities/services for client use with the aim of optimizing operational efficiency, applying principles and techniques of system management processes, engineering analysis, and IT development methodologies as appropriate
- Ensuring sufficient product definition/spec, AoAs and business workflows & coordinating closely with developers to ensure proper implementation and V&V of specs, functionality and performance
- Maintaining strong awareness of tech trends in IT, developing/maintaining strong awareness of on-going projects & requirements across the NSG Enterprise; applying



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agile project management methods, and providing analysis, design, development, deployment, lifecycle support for innovative systems solutions implementation

- Ensuring Project objectives are achieved, providing requisite capabilities and services to meet mission and GEOINT community user needs
- Applying efficient solutions engineering and Agile SE&I processes, leveraging tailoring and extending innovative approaches and cost-saving measures, while applying industry standards
- Ensuring project activities transparency and information sharing, informing NGA decision-making bodies, and directly facilitating collaborative, innovative, efficient, rapid solutions engineering
- Pursuing efficiency & affordability, providing visibility to solutions leveraged in new/different ways

Required Qualifications:

- Active TS/SCI clearance
- Bachelor's degree in engineering, or related technical field, or equivalent experience
- 5+ years of systems engineering, systems integration, or systems development experience
- 5+ years of related experience with NGA or IC partners in a multi-contractor, military and civilian government environment
- Demonstrated ability to establish effective customer relationships with senior level government personnel
- Demonstrated ability to develop and present effective technical presentations to senior management
- Must possess strong written and verbal communications skills
- Experience with DOD / IC policies, regulations, instructions (e.g. ICD 503)
- Strong analytical and problem-solving skills plus the ability and willingness to share knowledge
- Ability to work independently and within a team environment

Desired Qualifications:

- MS in Engineering, Computer Science, Info Systems or related scientific or tech discipline
- Waterfall, Spiral and Agile development, acquisition, systems engineering, and development methods (User Story Generation, Sprint/Scrum Development, Development Back-log management, Test-Driven Development)
- Cloud experience within the IC (i.e. keen understanding and knowledge of C2S, GovCloud, JIE, DI2E)
- Demonstrated experience in Agile Systems Engineering & Integration
- Demonstrated experience in engineering GEOINT data access, discovery, and retrieval
- Demonstrated experience in engineering data library services and technologies
- Demonstrated experience in cloud technology with emphasis on distributed performance



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Key Terms/Skills:

- Systems Engineering & Integration
- Agile Development
- Imagery Analysis
- Knowledge of the NSG Enterprise, NGA Organization, Programs, Systems (e.g., IEC, eXploit, NES, STIL, NCL, GIMS)
- Key concepts (e.g., Web-Based Services, Cloud Hosting, Platform-as-a-Service, Infrastructure-as-a-Service)