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Position	Systems Engineer (Mid)
Position Description	<p>Provide a broad spectrum of information technology technical and systems engineering support services under the Direction of the KSJ Vice President, Systems Engineering and Architecture in support of KSJ customers. Engineering services to be provided include all facets of systems engineering services and support that comprise the systems lifecycle, from requirements definition through design, development, testing, implementation, operations, and sustainment. Support engineering tasks to include development of IT plans, processes, concepts of operations, design documents, root cause analysis, structured analyses of alternatives (AoAs) and analysis and recommendation reports in support of DoD, Federal, State, and other customers within a predominantly health care IT domain. Duties may include performance and availability monitoring and analysis, capacity planning estimates, modeling, development of technical cost models for key, engineering-related cost elements, the preparation of technical white papers on key technologies, and the preparation of MS Word reports, PowerPoint briefings, Visio technical diagrams (systems and networks), and other materials. Duties will also include preparing and delivering presentations to technical as well as senior management staff as required, and providing specific support in the development of proposals and responses to Requests for Information (RFIs).</p>
Desired Experience	<p>Minimum of 8 years relevant technical experience with Bachelors Degree in an IT specialty or technical area. Documented contributions and demonstrated capabilities in professional engineering disciplines. Demonstrated experience in the following areas:</p> <ul style="list-style-type: none"> • Understanding and experience with complex, enterprise systems and the IT system lifecycle, from requirements, through design, development, integration, testing, implementation, operations, maintenance, and support (sustainment). • Service Oriented Architectures (SOA), Enterprise Service Bus (ESB), Virtualization (e.g. VMWARE), Cloud Computing, Thin Client architectures (e.g. CITRIX), Web presentation layer computing, and related technologies. • Experience with the DoD DIACAP accreditation process, overall technical information assurance concepts and strategies. • Experience with network protection technologies, and the design, implementation, operations, and sustainment of network protection suites and components including routers, VPNs, firewalls and intrusion detection technologies. • Experience with a wide range of IT infrastructure including Servers, Storage Array technologies, network technologies, data center operations, and other relevant communications and computing infrastructure (C&CI) solutions. • Mature, structured systems engineering processes and disciplines, including SEI CMM, CMMI, Lean Six Sigma, Information Technology Infrastructure Library (ITIL).



	<ul style="list-style-type: none"> • Defense Acquisition Guidebook (DAG) and the comprehensive Integrated Defense AT&L Life Cycle Management Framework Chart, including Concept Refinement, Technology Development, System Development and Demonstration, Production and Deployment, Operations and Support is desirable. • Configuration, Risk, Change, Incident, Problem Management, and Root Cause analysis. • Quality assurance processes in an IT environment. • Capacity planning, performance monitoring, measurement, and analysis processes and methods • Network, server, and storage infrastructure, information assurance, and system security in the protection of data at rest, during processing, and in transport. <p>Experience on Federal, DoD, and healthcare related information systems are highly desired. Experience in the Military Health System with Clinical and/or Theater systems/applications are also highly desired</p>
Skills required for the position	<p>Assists in the conduct of objective alternatives analyses and trade studies, including development of evaluation criteria, scoring methodologies, and evaluation plans. Supports integrated teams with IT analysis, architecture, and design activities. Assists with the supervision of the selection and installation of computer systems by providing technical advice and support, and by helping organizations acquire and set up affordable, workable data processing systems suited to current and projected needs. Serves as a technical resource for customers. Participates in system installations. Assists with analysis of the customer's daily operations and confers with managers and other personnel to help determine the customer's information handling needs. Assists the customer to develop written proposals. Participates in system installation and the development of custom software to adapt the system to special applications. Assists with the evaluation of the technical capabilities of the customer's staff to determine training requirements. Assists with the monitoring of systems. Participates in problem solving and assistance with special projects.</p>
Education/Certification requirements.	<p>BS Degree in Systems Engineering, Computer Science, Information Technology, Information Management, or other technical discipline. Health care IT systems engineering experience may be substituted for the degree requirement at the discretion of the KSJ Chief Systems Engineer.</p>
Work Location	<p>Various, Washington DC Metropolitan Area</p>
Start date	<p>April-May 2010</p>
U.S. citizen / Perm Resident	<p>U. S. Citizen</p>
Security Clearance Level	<p>DoD IT-II or DoD Secret</p>
Salary Range	<p>Negotiable</p>
Contact	<p>KSJ.: R. Barnett, 571-244-1089, rbarnett@ksj.us</p>