

Senior Engineer, Systems Engineering Support

Our firm is currently looking for a dynamic, experienced multiple senior system engineers to support a large defense client. The tasks of the work include:

- Provide systems engineering analytical support to the client in the area of Unmanned Aircraft Systems and their sensors, weapons and flight controls.
- Assess major defense acquisition program's systems engineering, technical risk, readiness to execute technical development strategy, programmatic issues and prepares position papers for client senior level acquisition decision makers.
- Develop technical positions, policy recommendations with respect to the systems engineering processes, resource/infrastructure support, and workforce education.
- Represent client in interfacing with Office of the Secretary Of Defense (OSD) offices and Service acquisition managers.
- Advise program SE working-level integrated product teams (WIPTs) developing technical management strategies and systems engineering plans. Coordinates client approval of program Systems Engineering Plans.

Other responsibilities may include the following:

- Review all aspects of the systems engineering process for assigned weapons systems programs to ensure they are adequate to support fielding and the achievement of cost and performance goals.
- Participate in Systems Engineering WIPTs, attend program and design reviews; maintain communication with Program Offices and Component counterparts; and review all program related documentation available to OSD to maintain cognizance of program's systems engineering and acquisition activities.
- Work with Services on development planning efforts to Inform/Include Analysis of Alternatives study guidance, and efforts to support Material Development Decisions. Work with program managers to prepare System Engineering Plans (SEPs).
- Utilize and follow DoD 5000 series instructions and other policy documents and tools such as the Defense Acquisition Guidebook and the SEP Preparation Guide.
- Support the government team leads in the management of large, multi-disciplinary teams made up of government employees, contractors, and independent consultants to perform cross-functional reviews.
- Support the government team leads in the conduct of non-advocate reviews (NARs) sponsored by the program offices for assigned programs. Support the chairman of the Overarching Integrated Product Team (OIPT) and secretarial for the Defense Acquisition Board (DAB) on assigned programs. Support the government team lead by working to identify and resolve issues early and provides the Director, SE with well thought out recommendations for OIPT and DAB meetings.

EXPERIENCE REQUIREMENTS:

- Master's or Bachelor of Science degree in systems engineering, operations research, physics, mathematics or related hard science required.
- 6-10 years experience in the DoD acquisition process, systems engineering, systems analysis, related discipline, and/or military/DoD civilian experience.
- Must have current DoD SECRET security clearance, and be willing to upgrade clearance to Top Secret.

- Must have extensive military systems engineering experience, 15 + years
- Defense Acquisition Workforce Improvement Act (DAWIA) certification.
- Experience or understanding with DoD acquisition and SE processes at OSD or service headquarters level.
- Working knowledge of OSD level operating practices, JCS, Service HQ, and program offices relationships a plus.
- Knowledgeable of the functions and practices of the OSD Research and Engineering organization and their responsibility for oversight of major defense acquisition programs a plus.

Desired Skills: Hands-on DoD acquisition, Experience with UAV acquisition programs. Understanding of policy and process development desired. Experience with the joint requirements generation process, the SE WIPT process, SEPs, and acquisition program documentation. Pentagon experience preferred. Able to quickly draft OSD level issue papers, staff summaries, memoranda, briefings, translate program technical issues into executive level terms for senior executive level decision makers and Government Staff Assistants.

Salary commensurate with experience.

More details about our firm and work culture will be provided during the first interview.