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# Example of Systems Project Engineer Job Description

Our innovative and growing company is looking for a systems project engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for systems project engineer

* Will work with all levels within the organization
* Read and interpret drawings including GD&T
* Maintenance of existing Industrial metrics including OTD, DoD, Backlog
* Applies technical knowledge of systems engineering and project engineering to software based products and solutions
* Provide Subject Matter Expertise (SME) assistance to engineering groups in areas of system engineering and software design
* Support System Integration Lab (SIL) integration and flight test
* Identifying root cause & solutions for complex technical problems and processes, identifying & coordinating system upgrades and expansions, and identifying opportunities to develop and/or apply innovation solutions
* This position will be required to take the lead on large and complex projects in addition to acting as subject matter expert and resource for the tier 1 and tier 2 support teams
* Interaction with vendors to steer development where necessary to provide industry standard solutions may also be required
* The Senior Systems Engineer will be expected to perform system design, quotation and implementation including specification of all equipment and materials required, preparation of a bill of materials and the submission of cost estimates and justification to the senior leadership team

## Qualifications for systems project engineer

* The contractor shall provide subject matter expertise during test readiness evaluations, analyzing test results of the Explosive Destruction System and Portable Isotopic Neutron Spectroscopy System
* The contractor shall evaluate proposed user requirements and analytical equipment, prepare and/or review test plans for component-level performance testing, and evaluate data generated from the component testing
* The contractor shall draft briefings for command-level reviews
* The contractor shall review cost estimates for operating costs of analytical equipment
* The contractor shall review and provide comments on high-level documents (e.g., requirements documents, CONOPS, SOPs, test plans, MOAs, MOUs, ECPs, CMPs
* Performing RCS analysis using in house and commercially available predictive software codes that use physical optics (PO) and/or Method of Moments (MoM) to generate predictions of electromagnetic performance of materials, components and aircraft geometry variety of and post processing codes such as Python and Knowbell