As part of its Safety and Mission Assurance Engineering Contract (SMAEC)-II contract with NASA Johnson Space Center, SAIC is seeking talent to assist with Quality Engineering support to NASA’s Orion Program Multi-Purpose Crew Vehicle (MPCV). The Quality Engineering Analyst position provides direct technical and analytical support to NASA to assist with the agency’s oversight and surveillance of contractors/sub-contractors involved with the design, development, fabrication, testing, and delivery of the Orion crew module. This position will be resident full-time in Denver, CO and will be in direct support of the NASA Quality and Flight Crew Equipment Division (NT) Orion Quality Lead.

Roles and Responsibilities
The Quality Engineering Analyst will perform critical support tasks such as the following:

- Perform surveillance of Orion contractors/sub-contractors per NASA standards/requirements
- Supply technical assessments to identify Government Mandatory Inspection Points (GMIPs) of Orion hardware end items and associated manufacturing process steps
- Assist NASA in technical reviews toward the formal acceptance of Orion hardware deliverables
- Employ a risk-based and continuous improvement approach to help the NASA/NT Orion Quality Lead refine the overall pedigree of the Orion Program’s prime contractor and supply chain Quality systems

Education and Qualifications
Skills and capabilities, such as manned spacecraft critical system knowledge (e.g., environmental control & life support systems, propulsion, pyrotechnics, structures & mechanisms, etc.), a working understanding of the contractor/sub-contractor supply chain for major aerospace projects, experience with review of as-built vs. as-designed data toward hardware acceptance activities, and the ability to review and assess contractor/sub-contractor processes to determine adequacy. The results of such efforts will be used during daily/weekly discussions and decisional meetings pertaining to Quality issues and for the identification of adverse trends/risks in the overall Quality systems/processes for Orion’s supply chain. The position develops (and
possibly presents) reports that demonstrate the results of analyses, interpret the results, explain any associated trends/risks, and assist the Orion Quality Lead with determination of potential corrective actions. The position interfaces with senior NASA, Orion Program, the Defense Contract Management Agency (DCMA), and contractor/sub-contractor Quality management. As a result, the position requires someone with the following soft-skill characteristics: outstanding written/oral communications skills, presentation capabilities, self-motivated, and strong interpersonal interaction and communication skills.

How to Apply