

POSITION DESCRIPTION

APPLY TO: John Kennedy, jkennedy@hmrtech.com or Barb Senzig, bsenzig@hmrtech.com

POSITION TITLE: Avionics Engineer Senior

LOCATION: Wright Patterson Air Force Base, OH.

POSITION STATUS: Full-Time, Exempt, Salaried

CLEARANCE: Current SECRET

ESSENTIAL AREA OF RESPONSIBILITY:

- Provide systems and avionics engineering support and technical expertise in the areas of requirements generation, systems design and integration, development, modification, test, airworthiness, production, sustainment, deployment, operations, and divestiture as required.
- Provide technical expertise in maintenance systems integration, design to test, integrated diagnostics, and electronic support equipment.
- Interface with other system acquisition elements, higher headquarters, DoD, Government laboratories, industry, and universities. The Contractor shall provide advisory assistance and draft documentation support to exploit emerging technologies through interfaces with AFMC labs, other Government agencies, universities, and industry.
- Assist in providing avionics engineering, consultation, and support to design, develop, manufacture, integrate, test, and deploy supportable airborne weapon systems, including integrated avionics, embedded computer systems, software, and electronic maintenance systems.
- Provide advisory assistance and apply systems engineering processes related to the following: airworthiness; system requirements; mission-critical software releases; software plans and processes; metric and requirements development and traceability; functional and physical allocations; program protection elements; entry and exit criteria development for technical reviews; configuration audits; logical analysis; design solution and implementation; interface and interoperability integration; and test verification and validation.
- Provide advisory assistance and draft documentation support to conduct reviews and studies, performance requirements, and support avionics system-level integration.
- Provide advisory assistance to ensure the application of systems integration, interface management, test, reliability and maintainability, accreditation and certification, technology transfer, manufacturing readiness, PESHE, and Environmental, Safety and Occupational Health (ESOH) processes are IAW DoDI 6055.05 Occupational and Environmental Health and AFI 48-145 Occupational Health Program policies and standards.
- Provide advisory assistance in the development, deployment, and maintenance of technical processes designed to develop and sustain products acquired while ensuring safe operation and maintenance of systems and forces.

- Assist the Government by providing knowledge, expertise, and guidance to produce artifacts where they are required in the following areas: Systems Integration, OSS&E; Airworthiness Certification per the latest version of MIL-HDBK-516; Safety per MIL-STD-882; and AFI 63-1201, Life Cycle Systems Engineering.
- Provide advisory assistance in the development, deployment, and maintenance of training systems, to include modeling and simulation.

QUALIFICATIONS:

- Minimum of ten (10) years' experience and a Master's degree in a professional engineering discipline from an ABET-accredited educational program; OR a minimum of twenty (20) years' experience with an ABET-accredited Bachelor's degree in a professional engineering discipline.
- Must be able to effectively communicate with customer and fulfill all duties and responsibilities as listed in the contract.
- Must possess the requisite knowledge, skills, abilities, and experience to be able to self-sufficiently perform all duties and tasks in support of the Directorate or Division missions.
- Must obtain and maintain a government security clearance at the required level.
- Must be proficient in the use of Microsoft Office Applications (Outlook, Word, Excel) and other standard (Customer specified) applications.

Preferred Qualifications:

- Capable of working on high-visibility or mission-critical aspects of a given program and shall be able to independently perform the most complicated and technical support tasks relevant to all the tasks identified in the assigned functional discipline section
- Must have the experience and capability to support the assigned tasks and lead journeyman-level support personnel, assigned programs and teams

HMRTech is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for Employment without regard to race/ethnicity, color, religion, sex, national origin, ancestry, age, sexual orientation, gender identity, genetic information, marital status and disability (including physical or mental disability as well as pregnancy) veteran status or any other status protected by Federal State or local law.