

POSITION DESCRIPTION

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

POSITION TITLE: Electrical Engineer Senior

LOCATION: Wright Patterson Air Force Base, OH.

POSITION STATUS: Full-Time, Exempt, Salaried

CLEARANCE: Current SECRET

ESSENTIAL AREA OF RESPONSIBILITY:

- The Senior Electrical Engineer will provide support for the overall management of any and all programs/efforts as assigned which could include the acquisition, development, or sustainment of weapon systems, subsystems, and support equipment.
- Provide technical assistance to the IPTs as it relates to Operational Safety, Suitability, & Effectiveness (OSS&E).
- Review Engineering Change Proposals (ECP), Requests for Deviation (RFD), and maintain system configuration baselines.
- Participate in Technology Insertion discussions, Configuration Control Boards (CCB), and Technical & Programmatic Reviews.
- Perform Failure Analysis and produce economical solutions to improve System Reliability, Maintainability, and Availability.
- Perform technical planning, systems integration, verification and validation, cost and risk analysis, and supportability and effectiveness analysis for overall systems, subsystems, and support equipment to include integration of Mission Support Equipment (MSE).
- Perform engineering activities to include defining system requirements, reviewing vendor designs and technical proposals, researching and developing technical solutions, performing systems functional analysis, conducting trade studies, conducting technical reviews, and performing test and evaluation activities.
- Receive overall tasking/problem statements from the team lead and coordinate program resources to create and field comprehensive solutions.
- Coordinate with other government agencies, prototype facilities, commercial vendors, and engineering firms to conduct analyses.
- Apply procurement/contracting practices, budgeting, engineering and program documentation, test and evaluation, and safety confirmation to perform electrical engineering analyses.
- Assist in identifying, managing, mitigating, and addressing technical and program architecture risks, including interoperability analysis and risk assessment.

- Provide support for the integration of current and evolving systems into the weapons system platforms.
- Provide engineering support by utilizing electronics to determine the business and technical needs of customers in the acquisition, development, or sustainment of weapon systems, subsystems, support systems, equipment items, or an equivalent product.

QUALIFICATIONS:

- Minimum of ten (10) years' experience and a Master's degree in Electrical Engineering; OR a minimum of twenty (20) years' experience with an ABET-accredited Bachelor's degree in Electrical Engineering.
- 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.