

POSITION DESCRIPTION

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

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POSITION TITLE: Software Engineer (Senior)

LOCATION: Wright-Patterson Air Force Base, OH.

POSITION STATUS: Full-Time, Exempt, Salaried

CLEARANCE: Current SECRET

ESSENTIAL AREA OF RESPONSIBILITY:

- This position supports the F-15 Division at Wright-Patterson Air Force Base, OH.
- Provides Software Engineering support to the Air Force Life Cycle Management Center (AFLCMC) Program Executive Officer for Fighters & Bombers Directorate (AFLCMC/WW), F-15 Division.
- Apply an understanding of DoD, AF and common engineering/scientific principles, processes and procedures to improve performance and sustainability of existing and future AF and joint service weapon systems.
- Assist in translating user requirements into weapon system requirements, which will be used to design, develop, fabricate, test and evaluate weapon systems, subsystem and equipment for eventual fielding and deployment.
- Support development and collection of technical data and inputs for staff summary packages and executive briefings to support coordination and signature of all associated documents for milestone approvals.
- Support analysis of equipment and software deficiencies make recommendations for equipment and software deficiency corrections, and develop, integrate, and test equipment and software deficiency solutions.
- Support the F-15 Division in the performance of disciplined engineering activities to assure Operational Safety, Suitability, and Effectiveness (OSS&E) for all products. The Contractor shall follow the Life Cycle Systems Engineering (LCSE) and OSS&E related AFIs and all lower level supplements and related documents including applicable Operating Instructions (OIs).
- Apply knowledge of software engineering in support of the design, development, T&E, implementation, maintenance and administration of new and/or existing software systems.
- Apply an understanding of systems acquisition, system and sub-system level hardware and software integration, systems requirements analysis and allocation, computer systems architecture, and systems and subsystems T&E.
- Develop/review/update applicable program documentation for software engineering relevant requirements.
- Support the development of the software development strategy and software development plan.
- Apply an understanding of aeronautical vehicle systems and/or airborne or related ground systems avionics OFP capabilities to support the core engineering tasks as they relate to software engineering.

MINIMUM QUALIFICATIONS:

- A Senior labor category shall have a minimum of 10 years of experience and a Master's degree in engineering or a minimum of 20 years of experience and an ABET-accredited Bachelor's degree in engineering. A Senior labor category typically works on high-visibility or mission critical aspects of a given program and performs all functional duties independently. A Senior labor category may oversee the efforts of less senior staff and/or be responsible for the efforts of all staff assigned to a specific job

Preferred Qualifications:

- Must be able to effectively communicate with customer and fulfill all duties and responsibilities as listed in the contract.
- 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.

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