

Systems Analyst

Sense and Response System Support Team

PLACE OF PERFORMANCE: Warren, MI

POSITION DESCRIPTION: Support the Sense and Respond Support System (SRSS) for future integration with the Light Armored Vehicle (LAV) Integrated Digital Environment (IDE), which is part of the U.S. Marine Corps Logistics Modernization effort. A key project under this Logistics Modernization effort is the National Center for Manufacturing Science's (NCMS) project which investigates/tests commercial off-the-shelf (COTS) vehicle health monitoring technology products (such as sensors). The project will collect real-time data on the condition of selected subsystems and components on 10 LAVs. The data will then be used, with the processes and tools of Reliability Centered Maintenance (RCM) and Conditioned Based Maintenance (CBM), to create both diagnostic and prognostic algorithms which will enhance decision-making for all stakeholders within the Enterprise.

Duties:

- Oversee the integration of a number of components that will monitor logistics and operational status information at the platform level; report asset health status to the enterprise; and incorporate the data into decision support tools for operators, maintainers, logisticians, and commanders;
- Coordinate the resolution of synchronization issues relative to sensor data with the LAV-Interactive Electronic Technical Manuals and the CM database located within the LAV-IDE;
- Provide technical and program information for the preparation of PM-LAV briefings estimated to occur on a bimonthly basis;
- Provide impact assessments and present recommendations and alternative solutions to PM LAV top-level management, with respect to the tasks above;
- Make recommendations on matters pertaining to future concepts of conducting business; and
- Attend regularly scheduled IDE program reviews (usually quarterly) as identified in the PM-LAV calendar and as coordinated with the Contracting Officer Representative (COR).

Skills and Attributes:

- In-depth knowledge of the US Army's Light Armored Vehicle [LAV] Integrated Digital Environment [IDE],
- In-depth knowledge of the US Marine Corp's Logistics Modernization Program, including familiarity with the National Center for Manufacturing Science [NCMS].
- In-depth knowledge of Reliability Centered Maintenance [RCM] and Condition Based Maintenance [CBM];

Requirements:

- Baccalaureate degree required; Advanced degree valuable

- Familiarity with military and government maintenance and ground vehicle engineering;
- Minimum 5 years' experience as a Systems Analyst in manufacturing and/or fleet vehicle maintenance programs

Salary Range:

\$60,000 to \$80,000