EHS Technologies

Small Enterprise, Global Reach

EHS Technologies was formed in November of 1996 to provide high quality information technology, environmental, engineering, program management, logistics, training, and communications-related products and services to government and commercial customers.

-2011 Revenues were approximately $21.9 Million

-2012 Revenues projected to be approximately $22.1 million

Engineering Support Services at EHS

Software Engineering

-EHS Software Engineers are able to perform the following tasks:
- Provide hardware and software (HW/SW) engineering services in support of power and machinery silencing systems for existing and future fleet assets and platforms
- Develop HW/SW to support developmental efforts, which may necessitate development of prototypes, engineering development models, and proof of concept demonstrations. Specifically:
- Analyze electric power systems concepts architectures.
  - Develop Test Plans and Test procedures to support required system testing and certification throughout the system life cycle.
  - Provide engineering analysis of system requirements and provide systems implementation and integration recommendations including embedded systems.

Maintenance Engineering

- Develop, review, and/or update maintenance procedures.
- Procedures Reliability, Availability, and Maintainability (RAM) analyses and/ or Trend analysis for HM&E systems or equipment.
- Review and Update:
  - Analyses Guides
  - Maintenance Assessment Procedures
  - New documentation for in-service updates and new equipment.
  - Review and update existing management and planning documentation
  - Research commercially available predictive/ condition based diagnostics and applications to be integrated with existing systems that will achieve improved efficiencies in preventive and/or corrective maintenance and produce a positive return on investment (ROI) on life cycle resource investment.

Systems Engineering

- Identifying system requirements to meet operational needs
- Perform independent analysis and feasibility studies
- Participate in system design reviews
- Modify existing hardware and software for integration or improvement
- Provide RFID technology solutions
- Non-destructive Testing Level III services
- Engineering support for the Network Lethality & Intelligent Systems Division at Picatinny Arsenal and support for the LASER and optics PODS programs

Human Factors Engineering

- Provide human factors engineering support by conducting systems analysis to determine the number, type, and mix, of knowledge, skills, abilities, tools and resources necessary to operate and maintain such systems as:
  - Caterpillar 3512B Diesel Engines for FFG 7 class ships
  - Isotta Franchini Non-Magnetic Diesel Engines for MCM class ships & ARC Fault Detection System for CVN class ships
  - Multi-Purpose Crane for MHC class ships and other systems designated by the customers at war fighting capability within the fleet

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