

E&SD Senior Systems Engineer

Provide project support and systems engineering management of through life integration activities for electro-mechanical systems.

Discipline	Engineering - Systems Engineer
Employment Basis	Full Time
Location	Aldermaston
Salary Range	£26,000 -£40,000
Job Reference	27/05/01/651028

Key accountabilities

- To define WES activities, structure and subsequent tasks.
- Responsible for the delivery of Integration tasks.
- To prepare and manage project plans.
- To prepare bids and manage/maintain financial control of budgets against WES programme goals.
- To identify and manage risks associated with WES programme activities.
- Responsible for the provision of WES strategies and technical guidance throughout the whole project life cycle.
- To define, manage, and represent WES issues at enterprise forums.

Responsibilities

- Understand and discharge responsibilities with regard to AWE's Company Security, Quality, Environment, Safety and Health Standards.
- To deputize for WES Integration Team Leader as required.
- Forge and/or maintain relationships with technical stakeholders in the acquisition of Warhead Electrical Systems and/or components.
- Maintain awareness of Systems Engineering best practice and wider systems issues.
- Undertake and maintain task management role for WES Integration activities.

Qualifications

- Degree or equivalent in an engineering discipline.
- Working towards professional recognition within an appropriate Institution.

Knowledge

- Knowledge of current security, quality, environmental, safety and health legislation, practices and procedures.
- Knowledge of an existing requirements management process.
- Knowledge of ISO 15288 (System Engineering System Life Cycle Processes).
- Knowledge of lifecycle concepts and processes relating to high integrity/dependable electro-mechanical control systems.
- Knowledge of abstract modelling tools and techniques (eg UML, SysML, etc.).
- Knowledge of configuration control and data management.

Experience

- Experience of working within a rigorous assurance framework.
- Experience of Systems Engineering and Project Management techniques.
- Experience of applied abstract modelling techniques in support of requirements elicitation (eg Use Cases, Context Diagrams, etc.).
- Experience of using Systems Engineering management tools (eg DOORS, CRADLE, TAU, etc.).
- Experience in the delivery of products utilising a broad range of engineering skills.

Skills

- Able to communicate clearly both in writing and verbally.
- Good liaison and inter-personal skills.
- Good presentation skills.
- Computer literate in the use of both office and technical software.
- Good problem solving and decision making skills.
- Aptitude for organising and planning tasks and resources.
- Ability to take the lead and provide direction.

Behaviours

- Professional behaviour commensurate with representing AWE at all levels.
- Self-motivated and reliant.
- Logical and clear thinking.
- Flexible and adaptable.
- Committed to continuous improvement.
- Ability to work effectively with others towards common goals.

Special Requirements

None

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