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Strategic Weapon System Engineer

Agency Optima Recruitment
 Location Bristol, Avon
 Salary £295.00 - £300.00 per day
 Sector Engineering - Military/Defence
 Job Type Contract
 Date 24 Nov
 Applications 2
 Job ref no 16624226

Strategic Weapon System Engineer / Bristol

Salary £300 a day - 6 months contract, could extend for 2+ years

Strategic Weapon System (SWS) is critically dependent on the support provided by the Strategic Weapons Support Systems (SWSS) and Selected Ship Systems (SSS). SQEP SWSS and SSS systems engineering support is required to assure that the design, integration, test, evaluation, and acceptance of the SWSS and SSS meets needs of the FSM SWS programme.

Provide SQEP support to the following Successor SSBN Strategic Weapon System programme objectives:

1. The development and review of key documentation.
2. Support the Platform integration aspects of the SWS/SWSS, specifically ensuring advice and effort is based on key documentation drivers such as the PSA, Technical Arrangements and TOG.
3. Providing advice and effort on the basis of the output of the US vendor survey and assist in downstream studies as required.
4. Support the management of the SWS MDAL and associated risks.
5. Assisting the Platform integration manager with SWSS/SSS integration.

6. Management of the Technology Readiness Levels and Integration Maturity Levels with relation to the platform programme.
7. Provide Technical advice and support for the development of options in the support of SWS business cases and IA.
8. Ensuring that the US SWS support programme and UK build programme remain mutually compatible.
9. Assisting in identifying defining options for Shipboard Systems. Specifically, the production, technical assessment, planning and implementation of any necessary equipment surveys and planning and coordination of any equipment refurbishment programmes.
10. Assisting in defining shipyard baseline equipment installation and integration of SSP SSI Programme with shipyard build programme.
11. Assisting in the development and definition of SWS Shipyard Installation Test Programme. SQEP requirements:
 1. A knowledge and understanding of the Strategic Weapons System (SWS) in the following areas:
 - a. System/Sub-System Functional Configuration
 - b. **Function of Sub-Systems**
 - c. Interface Specifications, both within and external to the SWS
 2. A knowledge and understanding of Strategic Weapons Support Systems (SWSS) and Selected Ship Systems (SSS) and the functional dependency of the SWS on these systems.
 3. A knowledge and understanding of SWS In-Service Support for the current system; in particular:
 - a. US and UK overhaul practices, procedures and policies.
 - b. The Shipyard Integrated Test Program (SITP).
 - c. SWS maintenance procedures and policy.
 4. A knowledge and understanding of the operation of shipboard SWS equipment.
 5. A knowledge and understanding the methodology and programme dependencies associated with integration of the SWS into a submarine build.
 6. An understanding of the protocols and formal arrangements of the Polaris Sales Agreement (as amended for Trident), in particular:
 - a. Document hierarchy
 - b. Policy of Procedural Knowledge and Adherence
 - c. US and UK formal procedures for equipment change management

US and UK overhaul practices, procedures and policies ?



Yes **No**

A knowledge and understanding of the Strategic Weapons System SWS in the following areas?

System/Sub-System Functional Configuration?

Function of Sub-Systems?

A knowledge and understanding of Strategic Weapons Support Systems SWSS and Selected Ship Systems?

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