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Engineer (Information Technology)-180480

Primary Location Germany-Geilenkirchen
NATO Body HQ NAEW & C Force Geilenkirchen
Schedule Full-time
Salary (Pay Basis) : 6,946.30Euro (EUR) Monthly
Grade A.3

Description:

BACKGROUND:

THE NAEW&C Force is a unique organization operating as a multi-national fully integrated Air Force, with responsibilities of a 'Sending State' and 'Force Provider'. The Requirements Division manages the Requirements Process including pre-coordination with RPFPs, coordination of SON & PTS, coordination and preparation of FMB, finalization of requirements and handover to A8. The Weapon System Modernization Branch conducts Project Management coordination with other Force divisions/units, NAPMA, and other external agencies. The incumbent is responsible for ensuring NE-3A interoperability and developing & fielding NE-3A data link requirements in support of the NAEW&C Force fleet operations.

THE ROLE:

- Provide engineering support and technical advice for the development of E-3A communication requirements to include voice and data communications, airborne networking and tactical digital data links;
- Responsible for staff functions related to coordinating and directing NE-3A Component communications, airborne networking, and data link support for the NE-3A Requirements Programme;
- Coordinate directly with the acquisition agency, NATO Airborne Early Warning and Control Programme Management Agency (NAPMA) and other HQ NAEW&C FC divisions on requirements and modernization-related communications, airborne networking, data link software, data link interoperability and programme management issues. Participates in programme management and technical meetings with contractors and

NAPMA;

- Develops Statements of Need and Operational Requirements Documents in support of E-3A Operational Requirements;
- Provide advice and co-ordination to assist NAPMA in the development and updating of Package Proposals (PP), Statements of Work (SOW), and Technical Requirements Documents (TRD);
- Represents NATO at meetings with civilian contractors. Represents the technical user community at Mid-Term programme management reviews and technical interchanges;
- Ensures co-ordination decisions, policies and plans are developed in support of modernization activities;
- NATO AEW&C Force (NAEW&CF) Interoperability - Responsible for staff functions related to all aspects of NAEW&CF interoperability to include monitoring and advising on interoperability requirements and software change implementation procedures;
- Reviews and assesses potential and identified NAEW&CF interoperability problems and enhancements and recommends solutions to appropriate authorities;
- Assess the impact and applicability of proposed NATO Internet Protocol and data link message standards changes on the NE-3A system and NAEW&CF interoperability;
- Provide guidance to HQ NAEW&C FC and NE-3A Component operational and support staffs concerning NATO data link programmes, procedures and documentation;
- Assist in the development of Standard Operating Procedures for NE-3A airborne networking and data links including Link 11, Interim JTIDS Message Specification and Link 16;
- Co-ordinate NAEW&CF airborne networking, technical data link and interoperability issues with the NAEW&CF staffs (NE-3A Component and UK E-3D Component), NATO Allied Command Operations (ACO) and Allied Command Transformation (ACT) staffs and other NATO and national interoperability and software agencies and organisations including the Republic of France (ROF) E-3F fleet operational and technical staffs;
- Represent NAEW&CF at various NATO and national interoperability and software agencies and working groups including the SHAPE Delegation to the NATO C3 Board, Information Systems Sub-Committee Interoperability Agency Data Link Working Group; NATO Interoperability Review Group; Air Command and Control System Software Committee; and UK E-3D Sentry Software Configuration Control Board (SSCCB) for NAEW&CF interoperability software changes/issues;
- Negotiates with NATO and national acquisition agencies to obtain the most practical and cost effective solutions to airborne networking, operational data link and interoperability requirements;
- Responsible for the planning, execution and analysis of data link and interoperability aspects of NAEW&C FC Operational Test and Evaluation (OT&E). Develops and maintains an OT&E concept, OT&E plan and test scenarios;
- Ensure airworthiness and safety of flight is considered across all modernization and experimentation programmes;
- NE-3A Software - Co-ordinates with NATO E-3A Component and NAPMA on data link software enhancement technical requirements and schedule issues. Provides technical support in the staffing of proposed NATO E-3A data link software modifications within NAEW&C FC headquarters in support of NATO E-3A software configuration management/control process;
- Participate in NE=3A Information Technology Requirements Working Group (ITRWG) and Information Technology Management Board (IMB) meetings as required;
- Represent HQ NAEW&C FC and E-3A Common Software Support Working Group, and contractor meetings relating to modernization programmes impacting the NE-3A software;
- Liaise with operational points of contact and other HQ NAEW&C FC required, to Provide staff expertise. Represents HQ NAEW&C FC at the Operations and Technical Support (OTS) committee and prepares staff support to the Force Commander for the NATO AEW&C Programme Management Organisation (NAPMO) Board of Directors and General Officers Steering Group;
- Manage the Initial Operational Test and Evaluation (IOT&E), funds IOT&E maintenance as per NAPMA/HQ NAEW&C FC agreement, and provides support to NAPMA during Development Test and Evaluation and Production Acceptance Testing as required.

QUALIFICATIONS AND EXPERIENCE REQUIRED:

- A sound knowledge of command, control and communications computer systems is required.
- A thorough knowledge of the capabilities, limitations, cost performance and operation of computer systems in support of command, control and communications applications.
- Experience is to include a minimum of four years practical experience in tactical data link communications and administrative programme/project management procedures.
- University Degree and 4 years post related experience, or a Higher Secondary education and completed advanced vocational training leading to a professional qualification or professional accreditation with 5 years post related and 2 years function related experience.
- The work, both oral and written, in this post and in this Headquarters as a whole, is conducted mainly in English and sufficient proficiency is therefore essential.
- Working Knowledge of Standard Automatic Data Processing (ADP) programmes is required.

THE FOLLOWING WOULD BE CONSIDERED AS AN ADVANTAGE:

- Airborne Early Warning and Control System knowledge and experience is highly desirable.
- A background working with NATO Committees related to Air Defence.
- Communications and knowledge of plans, policy and operations management of air operations (both ground and maritime environments) in NATO.
- University degree in computer science, software engineering, information technology, information systems, or

related discipline, or University Degree coupled with at least 7 years practical experience in tactical data link communications and administrative programme/project management procedures, or Higher Secondary Education and advanced vocational training in tactical data links or related discipline couples with at least 7 years practical experience in tactical data link communications and administrative programme/project management procedures.

CONTRACT:

Serving civilian members of NATO will be offered a contract in accordance with the NATO Civilian Personnel Regulations.

Newly recruited staff will be initially offered a definite duration contract of two years. The definite duration contract may be extended for up to two years. Thereafter, an indefinite duration contract might be offered.

WHAT DO WE OFFER?

- Excellent tax-free salary, including (where eligible) expatriation, family and children's allowances and additional privileges for expatriate staff;
- Education allowance for children (where appropriate) and an excellent private health insurance scheme;
- Generous annual leave and home leave (if eligible);
- Retirement Pension Plan.

Please note that due to the large volume of applications the screening process may take up to 2 months after closing date.

We appreciate your patience.

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