



Organisation for Joint Armament Co-operation Executive Administration

VACANCY NOTICE

Post	AN02 - TECHNICAL OFFICER
Grade	A4
Division	E-NACSOS Programme Division
Section	-
Management of Staff	0
Location	Paris, FR
Initial Contract Duration	3 years
Closing Date for Applications	15/07/2024
Start Date	01/10/2024 (subject to the signature of the respective E-NACSOS Programme Decision)
Interview Date	Week Commencing on 19/08/2024

1. Background

The European Naval Collaborative Surveillance Operational Standard (E-NACSOS) programme aims to ensure superiority at sea of EU naval surface vessels while securing the EU naval surveillance sovereignty by developing novel protocols, interfaces and target architecture enabling to tackle new and asymmetric threats from Anti-Air-Warfare / Air & Missile Defence domain. E-NACSOS will improve the ability to identify, classify and track those threats.

The purpose of the E-NACSOS programme is to design a collaborative capability through an emerging NCS standard and associated functions and to prove its added value through relevant demonstrations at sea. NCS standard will complement and not supplement existing Tactical Data Links (TDL): TDL will continue being used as the key channel of communication between allies. The newly developed NCS standard and associated functions will differ from the TDL and provide improvements in terms of real time exchange and track accuracy and consistency.

The Programme will target two main goals:

- Define the NCS standard protocol and architecture
- Demonstration in a relevant environment

E-NACSOS is an EDF Programme mainly funded by the European Commission (EC) through a Grant Agreement (GA).

The OCCAR Programme will provide the required additional operational funding, considering that the EC grant funding reimburses only a part of the “eligible costs” of the activities, not sufficient to cover all the expenditure afforded by the beneficiaries.

This Programme will have a total duration of 48 months.

The E-NACSOS Programme Division is located in the Paris area.

2. Duties and Responsibilities

The Technical Officer is directly responsible to the E-NACSOS Programme Manager.

In particular they will be responsible towards the E-NACSOS PM and/or in charge of:

- Supporting the management of the E-NACSOS programme within the technical scope of work defined in the relevant Programme Decision(s);
- Endeavour to achieve the technical programme HLOs as defined within the Programme Decision(s);
- Providing inputs, where required, to the OCCAR Business Plan and the reports to the European Commission, OCCAR Committees and the BoS;
- Supporting the PD reporting officer in preparing reports and presentations for the internal E-NACSOS Programme Reviews, for the E-NACSOS Programme Committees, for the E-NACSOS Programme Boards and for the Nations as required;
- Providing inputs into the E-NACSOS PD Programme Management Plan, and OCCAR management tools in use within the E-NACSOS PD;
- Contributing to manage the E-NACSOS Contract(s) risks reported by Industry and coordinating them with the E-NACSOS PD risk register.
- Providing expert advises for all the technical matters related to the Programme execution.
- Management of the NCS standard development and testing activities;
- Harmonising the standard development and testing activities for E-NACSOS;
- Identification of operational needs and development of a suitable CONOPS for the use of the E-NACSOS products and their harmonization;
- Translating of operational requirements into functional and quality requirements of the E-NACSOS Products;
- Requirements management of the programme technical outputs, ensuring their consistency, identifying and mitigating potential conflicts or scope creep;
- Configuration control of the E-NACSOS products;
- Management of the System Requirement, Architecture, Design Definition processes, maintaining the related baselines up to date;

- Conducting and coordinating the Technical Reviews for Definition, Design, Prototyping and Testing;
- Managing the development of consistent verification, validation and testing policies for E-NACSOS;
- Managing the common activities contributing to the approval/acceptance process of the common deliverables;
- Supervising the preparation of the Technical lab Test for the Programme, liaising with the E-NACSOS National/Industrial lab Technical teams.
- Collecting the feedback coming from the E-NACSOS products integration into national Combat System and identify Technical actions if required;
- Supervising the overall activity under the project covering technical aspects by ensuring a high level of quality regarding the proper execution of the project in an efficient and timely way.
- Assessing inventory of CMS, Sensors, resource management, and their Cyber security status (including architectural, technical, certification and classification related information) for their use in the NCS capacity.
- Acting as E-NACSOS PD Designated Security Officer.
- Managing security matters for E-NACSOS products for E-NACSOS programme;
- Reviewing of the technical deliverables;
- Coordination and support of ad-hoc working group;
- Responsible for the management of the information security development activities of the E-NACSOS products;
- Responsible for the management of the information security processes performed for the agreement, certification and homologation of the E-NACSOS products.
- Supporting the configuration officer in configuration management related to the technical output of the programme,
- Assessing the technical proposal associated to ECPs, eventually request support to national experts.

3. Key competences and skills required for the grade

(You must provide evidence of meeting these key competences and skills in your Application, Section 12).

- CS 1** Executive management skills and the ability to manage complex negotiations as well as dealing with difficult situations such as conflicts proven through results attained in performing jobs in this field for other national/international organisations;
- CS 2** Excellent interpersonal, team working and leadership skills with the ability to interact sensitively, effectively and professionally with people from diverse cultural, educational and professional backgrounds;

- CS 3** Conceptual thinking with the ability to analyse complex and wide ranging questions, issues and information, with a structured approach to the problem solving process, including providing recommended solutions and a proposed way forward;
- CS 4** The ability to work in a changing, developing and demanding environment with the ability to orchestrate and implement clear, efficient and logical approaches to work, to manage time, assignments and objectives;
- CS 5** The ability to use Computer and Information Technology (ICT) facilities, with a working knowledge of MS Office software.

4. Specialist knowledge and experience required for the post

(You must provide evidence of meeting these specialist requirements in your Application, Sections 10 and 11).

4.1 Essential:

- ES 1** Proven experience of the system architecture and functions of a Tactical Data Link System;
- ES 2** Knowledge of the main software development methodologies (e.g. waterfall, iterative, spiral, agile), frameworks and architectures (e.g. SOA, trusted computing);
- ES 3** Knowledge and experience in:
- naval communications and secure communication;
 - system engineering;
 - naval CMS architecture.
- ES 4** Knowledge in the following areas:
- software defined radio applications development/testing;
 - tactical data links waveforms and terminals;
 - software communications architecture (SCA);
 - software development applicable standards.

4.2 Desirable:

- DS 1** Experience in the management of naval armament programmes in international cooperation;
- DS 2** Experience of managing telecommunication projects at senior level;
- DS 3** Experience in international Data Link community (e.g. Link 16, Link 11, Link 22)
- DS 4** Knowledge in data models/processing/fusion/exchange.

5. Language Requirements

An adequate knowledge¹ of at least two of the OCCAR languages (English, French, German and Italian), one of them being English.

6. Qualifications

Master's degree in telecommunication and electronic engineering degree at a nationally recognised/certified University in a related subject is required.

7. Security Clearance

National security clearance at OCCAR Secret level is required for this post.

8. Applications and Points of Contact

For further information regarding this Post, please contact:

Christelle SAMEK (Programme Integration Manager)

Email: christelle.samek@occar.int

Applications for this Vacancy Notice should be submitted through the appropriate National Administrations.

Applicants who are **not** Ministry of Defence staff wishing to apply for this Post should email the completed application and supporting documentation to B009@occar.int, B010@occar.int and B015@occar.int.

OCCAR Privacy Statement:

When applying for an OCCAR vacancy, it is necessary for OCCAR to collect and process personal data about you in order to assess and evaluate your suitability for the vacancy, and (if successful) to coordinate with relevant service providers in preparation of your appointment. For further information please visit our web-site: OCCAR Privacy Statement - <http://www.occar.int/privacy-data-protection>.

¹ The language levels can be found on the OCCAR website, www.occar.int Careers / Applying.