

Somali Civil Aviation Authority (SCAA)
TOR for Communication, Navigation, and Surveillance (CNS) Expert -OPAS

POSITION INFORMATION

JOB TITLE	CNS (OPAS)	GOVERNMENT AGENCY	Somali Civil Aviation Authority
JOB GROUP	Air Navigation Services	DUTY STATION	Mogadishu, with field work travel as required
DEPARTMENT	CNS	BRANCH:	-
REPORTS TO	Manager - CNS	DURATION	6 Months

ORGANIZATIONAL SETTING

The department of Communication, Navigation, and Surveillance (CNS) is one the technical functional area of the Air Navigation Services of Somalia Civil Aviation Authority. The CNS department is mainly responsible for the provision of facilities and services required for safe aircraft navigation within Somalia airspace. The department is also responsible for the planning, procurement, installation, maintenance and the management of proper functioning of the equipment used for the provision of CNS services.

The incumbent reports directly to Manager - CNS. He or she interacts with CNS personnel, and colleagues within the ANS, aviation safety personnel and other stakeholders as applicable.

GENERAL DUTIES AND RESPONSIBILITIES

The main duty of the incumbent is to support the technical department in the area of air traffic management systems and is responsible for specialized expertise in providing technical staff training, developing manuals and procedures , performing maintenance, and development of strategic planning in line with the ASBU requirements and CNS technologies in accordance with ICAO annex 10.

Reporting to the CNS manager and working closely with staff of the technical department, regular communication and reporting mechanisms will be established to ensure the progress, challenges, and recommendations are effectively shared. The expert will also provide timely updates, reports, and presentations as required by the organization.

Specific functions include:

Function 1 – Delivery of Staff Training

- Assess the training needs of technical personnel (ATSEP) involved in air traffic management systems.
- Develop comprehensive training programs and materials tailored to the specific needs of the staff.
- Conduct training sessions, OJT , workshops, and seminars to enhance the technical capabilities of the staff.
- Evaluate the effectiveness of the training programs and provide recommendations for improvement.

Function 2- Development of Documents

- Review and update existing technical documents, manuals, and guidelines related to CNS/ATM equipment and systems.
- Develop new documentation as required, ensuring accuracy, clarity, and compliance with industry standards and regulations.
- Collaborate with the technical department to maintain a comprehensive knowledge base and repository of technical documentation.

Function 3- Conducting of Maintenance:

- Provide technical support and guidance to ensure the proper functioning and maintenance of CNS equipment and systems.
- Conduct regular inspections, troubleshooting, and preventive maintenance activities to minimize downtime and enhance system reliability.
- Coordinate with internal teams to address equipment issues, upgrades, and system enhancements

Function 4- Developing Strategic Plan

- Conduct research and analysis to identify emerging trends, technologies, and best practices in CNS for air traffic management.

- Develop long-term strategies and roadmaps to improve the organization's CNS capabilities, aligning with industry advancements and regulatory requirements.
- Assist in the development of budgets, resource allocation plans, and procurement strategies for CNS-related initiatives.
- Preparing the CNS department to meet the Aviation System Block Upgrades (ASBU) requirements and assessing the current status of the SCAA CNS systems in relation to ASBU requirements.
- Identifying gaps and developing a detailed roadmap to align with the ASBU framework.
- Providing guidance and support to the technical department in implementing the necessary changes to meet the ASBU requirements.
- Establishing a detailed timeline with milestones and deliverables for the ASBU implementation.

Functions 5 - General

- Provides guidance, support, or advice to other sections of the Civil Aviation Authority or other government agencies with issues related to CNS,
- Participates in stakeholder consultations, including in rulemaking consultation related to CNS.
- Responsible for the proper use and care of any computers, physical tools, security systems, equipment including vehicles and files issued by the SCAA in the performance of the incumbent's work.
- Develop work plan for the assigned TOR.
- Prepare monthly progress report.
- Performs other related duties as assigned by the Manager - department of CNS.

Competencies

●Leadership Competencies - Managers

- o Vision & strategy
- o Mobilize people
- o Uphold integrity and respect
- o Collaborate with partners and stakeholders
- o Promote innovation and change
- o Achieve results

●Technical Skills

- o Systems thinking
- o Risk management
- **Personal Conduct**
- o Integrity
- o Openness
- o Fairness
- o Respect
- o Initiative
- o Self-improvement

- **Functional**
- o Analytical thinking
- o Critical thinking
- o Problem-solving
- o Decision making
- o Communication
- o Planning and organizing
- o Teamwork
- o Office technologies

Qualifications and Experience

Education:

Essential:

Certificate or diploma qualifications in CNS or aviation-related fields is required.

Desirable

Relevant degree related to CNS

Professional Experience:

Essential:

- Minimum 10 years of experience of extensive knowledge and hands-on experience with Leonardo's LeadInSky Automated Systems and SATCAS systems.
- Had a previous assignment with Leonardo as Software Integrator/Developer.

- Extensive expertise and knowledge of linux OS.
- Proven experience in developing and delivering technical training programs for aviation professionals.
- Written and verbal communication skills to prepare technical documentation and conduct effective training sessions.
- Analytical and strategic thinking abilities to contribute to long-term planning and system improvements.
- Experience with system integration and interoperability within complex aviation environments.
- Familiarity with regulatory requirements and standards in air traffic management systems.
- Demonstrated ability to work effectively in a team and collaborate with cross-functional stakeholders.
- Proven track record of successful project management and ability to meet deadlines.

Languages:

A good command of oral and written English.

How To Apply

Interested applicants are requested to submit their detailed credential including CV, academic and professional certificates, and Cover Letter through the following email address: hr@scaa.gov.so with the subject line indicating application for the CNS Expert, the deadline for receiving applications is August 21, 2023. Applications received after the deadline will not be considered.