

Post Title:	ATM Systems Engineer		
Salary Range:	Negotiable Depending on Experience		
Responsible To:	Head of Engineering	Staff Managed:	None
Draft at this Stage:	No	Date of Issue	27/10/2021

## Job Description

### Responsibilities

#### Job Purpose

The post is full-time and based in Thirsk, North Yorkshire although, will require travel to Customer premises worldwide.

The person in this role will influence the Company's engineering effort to provide innovative and effective solutions to meet Customer needs. The post-holder will undertake a variety of CNS assignments/projects which might include requirements capture, project definition, design, procurement, validation and verification, assessment, and audit tasks to meet project needs.

#### Leadership Skills

The ATM Systems Engineer role ensures that any staff reporting to the role adhere to the organisation's business management systems and the maintenance of the organisations standards. The post-holder is responsible for the following:

- Promoting the use of process approach and risk-based thinking.
- Motivating team members and demonstrating positivity in the delivery of solutions for assigned projects.
- Ensuring that the resources needed for the successful delivery of projects are available.
- Demonstrating awareness of team needs to be able to delegate effectively and be trustworthy in their areas of responsibility.

## Job Description

### Competency Skills

Typically, the role requires the post-holder to undertake the following range of tasks:

- In liaison with customers, develop requirements documentation and tender specification for CNS/ATM systems.
- Define engineering requirements and develop ATC System solutions to meet customer requirements.
- Draft cost and timescale estimate for CNS/ATM systems replacements (including radar, navigational aids, and communications).
- Participate in tender evaluations for new CNS/ATM systems and contribute to the tender evaluation reports.
- Project manage assigned projects through to completion and be responsible for the on-time delivery of the project and costs.
- Attend sites to provide on-site support and expertise while work is being undertaken by customers or their contractors.
- Conduct engineering audits and conditions surveys.
- Participate in the safety assurance process (to include HAZID identification, safety case development and subsequent review and update) and human factors assessment.
- Participate in quality improvement projects within the Company.
- Support statutory and technical safeguarding tasks, following training in the Cyrrus safeguarding methodology.
- Conduct a performance assessment on a full range of CNS systems including radar, navigational aids, and voice communications.
- Develop and maintain good working relationships with clients and CNS suppliers to help secure future business.
- Mentorship of junior engineer colleagues as the organisation grows.
- Maintain up to date knowledge of CNS/ATM systems, including policy changes resulting from ICAO, EASA and or UK legislation.
- Carry out any other associated task where you are deemed to have the suitable qualifications and skill sets to provide a satisfactory result.
- Undertake any other duty/activity and reasonable requests from your line manager that you are deemed to have the necessary skills to complete.

## Job Description

### Skills & Knowledge

The role shall possess a thorough and demonstrable understanding of systems engineering and knowledge of the operational considerations when working within this safety critical domain. As an accomplished engineer they will hold, or be seeking to attain, Chartered Engineer status.

Previous experience within the CNS and Air Traffic Control environment is required. Experience of Requirements Management applications (DOORS, Cradle, etc.) is highly desirable.

The post-holder will have good communication and interpersonal skills, able to communicate effectively and report at all levels with demonstrable experience in customer-facing roles.

Must be eligible to live and work in the UK.

### Qualifications and Experience

- Evidence of managing and resolving CNS/ATM technical issues.
- Evidence of defining CNS/ATM systems and providing engineering support throughout the project lifecycle.
- Evidence of managing delivery of CNS/ATM projects.
- Educated to degree level or equivalent in an engineering-related discipline.

### Occupational Skills

- Ability to work under the pressure of deadlines and manage priorities.
- Ability to manage own workload and deliver on multiple projects/tasks simultaneously.
- Excellent written (Report writing) and verbal communication skills.
- Strong technical and analytical skills.
- Self-motivated.
- Excellent communication skills.
- Able to demonstrate a customer service focus.

### Other Requirements

- Outgoing, enthusiastic, and self-motivated.
- Team working.
- Good interpersonal skills.
- Available to undertake tasks away from Company premises, travelling abroad, involving overnight accommodation at various client locations.
- To be in possession of, an internationally recognised passport.
- Confident in dealing with clients and managers at all levels.

## Job Description

### Quality Management System (QMS) Requirements

### Environmental Management System (EMS) Requirements

The role is responsible for:

- Operating within a clearly defined QMS/EMS.
- Adhering to company policies and procedures.
- Promotion of Customer Focus.
- Assimilating customer requirements into clear plans and solutions
- Managing the efficient use of resources to meet requirements.
- Promoting continuous improvement throughout Company operations.
- Assuring the integration of the QMS into the organisation's business processes.
- Promoting the use of a process-driven approach and risk-based thinking.
- Ensuring that the resources needed for the QMS to function effectively are made available.
- Communicating the importance of effective Quality and Environmental management systems.
- Ensuring that the QMS/EMS achieves its intended results.
- Engaging, directing, and supporting persons to contribute to the effectiveness of the QMS/EMS.

### Customer Service

Offer the best level of service to their customers and behave in a way that gives them confidence. Customers will be treated as individuals, with respect for their diversity, culture, and values.

### Data Protection (GDPR)

To comply with the Cyrrus policies and supporting documentation in relation to GDPR and Confidentiality.

### Health and Safety (H&S)

- Be aware of and implement your H&S responsibilities as an employee and where appropriate any additional specialist or managerial health and safety responsibilities as defined in the H&S policy and procedure.
- To work with colleagues and others to maintain health, safety, and welfare within the working environment.

## Job Description

### Equalities

- Commitment to equity of access and outcomes, this will include due regard to equality, diversity, dignity, respect, human rights and working with others to keep vulnerable people safe from abuse and mistreatment.
- Within own area of responsibility work in accordance with the aims of the Equality Policy Statement.

### Flexibility

Cyrrus provides front line services, which recognise the need to respond flexibly to changing demands and circumstances. Whilst this outline job description provides a summary of the post, this may need to be adapted or adjusted to meet changing circumstances. Such changes would be commensurate with the grading of the post and would be subject to consultation. All staff are required to comply with Cyrrus Policies and Procedures.