

Telecommunication Systems Engineer

Job Req ID: 14856

Closing Date: 11 July 2022

Publication: Internal & External

Vacancy Type: Fixed-Term

Date Posted: 13 June 2022

Vacancy in the Directorate of Telecommunications and Integrated Applications.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. We therefore welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

This is a non-renewable post for a **limited duration** of 4 years and is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, Netherlands

Description

Telecommunication Systems Engineer in the Ground or Space Segment Section, Technologies & Products Division, Telecom Technologies, Product & Systems Department, in the Directorate of Telecommunications & Integrated Applications.

You report to the Head of the Ground or Space Segment Section and are responsible for managing telecommunication ground, system or space segment technology development activities.

Duties

- Initiating, monitoring and controlling, in collaboration with the Procurement Department, the Space Systems for Safety and Security Strategic Programme Line and other relevant departments of ESA, of technology, product development and system projects for governmental satellite communication applications;
- Reporting regularly on the progress, status, schedule and outcome of managed activities, including realistic forecasting of milestone completion dates;
- Identifying and defining product and technology needs for future satellite communication systems and services;
- Coordinating expert technical support provided by other ESA organisational units (e.g. Directorate of Operations, Directorate of Technology, Engineering and Quality), as required, to ensure effective initiation and management of activities;
- Coordination with external stakeholders as required.

Technical competencies

Experience in managing technology and product development activities carried out by industry for satellite communication and governmental applications

Knowledge of ESA and industrial development, verification and procurement processes

Knowledge of satcom system architectures, products and market

Knowledge of security solutions for satellite telecommunication networks

Knowledge of AI, cloud, high performance computing or quantum technologies

Behavioural competencies

Result Orientation
Operational Efficiency
Fostering Cooperation
Relationship Management
Continuous Improvement
Forward Thinking

Education

A Master's degree in a relevant engineering discipline is required.

Additional requirements

You have experience in satellite ground or space segment technology and products, system design and development.

Direct experience of working with a commercial and governmental satellite telecommunications organisation and European industry as well as an in-depth understanding of operating within a European agency framework would be distinct advantages.

You have strong negotiation skills and contract or subcontract management experience.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

For further information please visit: [Professionals](#), [What we offer](#) and [FAQ](#)

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset. The Agency may require applicants to undergo selection tests.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support at the workplace. The Human Resources Department can also provide assistance during the recruitment process. If you would like to discuss this further please contact us at contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada, Latvia, Lithuania and Slovenia.

According to the ESA Convention, the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States*. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented or balanced Member States*. (<https://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment conducted by an external background screening service.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.

*Member States, Associate Members or Cooperating States.