

Galileo Satellite Equipment Technology Officer

Job Req ID: 12869

Closing Date: 12 January 2021

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Vacancy Type: Permanent

Date Posted: 15 December 2021

Vacancy in the Directorate of Navigation.

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 post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, Netherlands

Description

Galileo Satellite Equipment technology officer in the Galileo Space Segment Equipment Service, within the Space Segment Management Office, Galileo Programme Department, Directorate of Navigation.

Duties

You will be in charge of the technical follow up of the industrial contracts for the procurement of satellite equipment to be provided by ESA to the prime contractors of the Galileo Second Generation Batch 1 satellites. You will also act as focal point for the preparation, coordination and follow-up of the ESTEC laboratory activities in support of preparation of new technologies and solutions that pertain to the domain of Galileo G1 and G2 satellites.

Your main tasks and duties will include:

- being responsible for the implementation in cost, performance and schedule of selected industrial contracts for the procurement and development of flight hardware (e.g. atomic clocks, radiation and plasma monitoring equipment) that will be provided to the G2 Satellite prime contractors and other relevant industrial activities (e.g. Payload Test beds and or/ atomic experimental clocks);
- acting as the focal point for ESTEC internal laboratory activities in the area of satellite equipment, technologies and solutions;
- supporting the Galileo Satellite Equipment Service Manager in the preparation of the plans and resources budgets for ESTEC laboratory activities relevant to Galileo satellite technologies and solutions;
- providing ad-hoc technical support to the G1 and G2 satellite teams in the areas of timing subsystem and for aspects related to navigation payload technologies, including contributing to the resolution of problems, anomalies and interface issues;
- contributing to the preparation and implementation of Navigation R&D activities in the H2020 and Horizon Europe Programmes;

- coordinating the technical and other support functions necessary for the preparation and implementation of the assigned industrial activities;
- supporting the Galileo Satellite Equipment Service Manager in the preparation and consolidation of the yearly resources budgets required for the execution of the assigned activities;
- reporting regular and ad hoc to the Galileo Satellite Equipment Service Manager on all aspects of the assigned activities.

In performing these duties, you will be cooperating closely with:

- The FOC Satellite Management Service to ensure gathering of lessons learned from current developments and in-orbit observations;
- The G2A/G2B Satellite Management Services to ensure alignment of objectives (technical and programmatic) and timely resolution of issues;
- Other Galileo Space Segment Functions (PA, PMSO, security) to ensure that the required support is available to execute the assigned activities.

Technical competencies

Experience in navigation satellite payload architecture and technologies

Experience in the domain of timing subsystems and atomic clocks

Experience in payload testing and in laboratory activities in the GNSS domain

Knowledge of ESA Space system and equipment development and PA standards

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A Master's degree in electrical, mechanical or space system engineering is required for this post.

Additional requirements

You must be eligible to obtain an EU personal security clearance from your relevant national authority.

Several years of experience in navigation satellites payload and timing subsystem, including associated equipment, development and testing. A proven ability to work in a project team and cooperate with Industry is required.

You should be able to demonstrate that you can work in a fast-paced environment and handle pressure as may typically occur in a project team. You should be results-oriented, able to set priorities, and capable of presenting practical solutions both verbally and in writing.

You should have good interpersonal and communication skills. You should have the ability to work autonomously, effectively and cooperatively in a diverse, international team environment, defining and implementing solutions in line with team and individual objectives and project deadlines. You should also have good technical, analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

Other information

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

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.

The closing date for applications is 12 January 2021.

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.

For more information:

HR Advisor:

Recruiting Manager:

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 and in addition of Member States of the European Union not members of ESA: Bulgaria, Croatia, Cyprus, Malta and Slovakia.

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 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.

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.

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