

Job Title: GNSS System Development Planning Engineer

Requisition ID 11846 - Posted 11/01/2021



EUROPEAN SPACE AGENCY

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. For this purpose, we welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

Post GNSS System Development Planning Engineer

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

Location
ESTEC, Noordwijk, The Netherlands

Description

GNSS System Development Planning Engineer in the Galileo G1 System Project Control Unit, Galileo Project Management Support Office, Programme Management Support Office, Programme Planning and Coordination Office, Directorate of Navigation.

You will report to the Head of the Galileo G1 System Project Control Unit and will be responsible for coordinating and supporting Galileo system development, deployment and validation planning, consolidating project schedules and monitoring progress with respect to plans.

Duties

- devising and maintaining the Galileo First Generation programme/project design development, deployment and validation plan (G1 DDVP);
- consolidating and maintaining the programme/project schedule baseline associated with the different incremental Galileo system releases;
- consolidating and maintaining the programme/project work schedules;
- contributing to project risk management by facilitating project risk assessments, and generating and maintaining risk-adjusted programme/project schedules;
- helping to identify and follow-up associated risk mitigation actions to reduce risk exposure at project level;
- contributing to overall planning activities at system level, including system integration/verification/validation plans, security accreditation milestone scheduling and operational plans devised weekly, monthly and yearly;
- contributing to an effective schedule control process at system level, acting as secretary of the weekly schedule coordination meetings, interfacing with project schedule stakeholders within the Galileo G1 project office and at EC & GSA, monitoring critical activities at project level, monitoring progress with respect to plans and reporting on deviations;
- contributing to effective project schedule reporting by following up and maintaining the weekly schedule dashboard and issuing project schedule reports to industry, EC and GSA in line with respective delegation agreements/working arrangements;
- helping propose corrective measures in response to deviations from project schedule and cost targets;
- helping to prepare tender and contract change documents covering programmatic areas, participating in proposal and change document evaluation, and preparing information required for subsequent contract negotiations;
- supporting contract negotiations with industry in programmatic areas;
- organising ESA system and operations reviews and secretariat;
- supporting the Head of the Galileo G1 System Project Control Unit in ensuring compliance with formal requirements for management, costs, schedule, KPIs and risk reporting;
- organising reviews of documents related to DDVP, technical schedule, risk and compliance with management requirements.

Technical competencies

Experience in control of large development projects and risk management, preferably in the area of aerospace

Experience with schedule control principles and techniques

Strong analytical and reporting skills

Ability to support the definition of a system development, deployment and validation plan

Understanding of space system architectures

Behavioural competencies

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

Education

A Master's degree in engineering is required.

Additional requirements

- You should have a good understanding of space system architectures, in particular the Galileo architecture, including the ground segment component.
- You must have experience in project planning and project schedule control.
- You must be experienced in the use of planning, scheduling and risk management tools, as well as office automation software. Experience in quantitative project risk analysis would be an asset.
- You are expected to demonstrate excellent analytical, planning and organisational skills and attention to detail and to be able to work effectively in a multidisciplinary team environment.
- You must possess good judgment, integrity and good communication skills and a demonstrated ability to draw reasoned conclusions from technical and programmatic information.
- You must be willing to travel.
- You must be eligible for Galileo security clearance by your national security administration.

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 08 February 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.

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 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 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.