

Job Title: Ground Segment AIV Engineer

Req ID 8723 - Posted 12/06/2019



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. Applications from women are encouraged.

Post

Ground Segment AIV Engineer

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

Location

ESTEC, Noordwijk, The Netherlands

With a resident assignment to Fucino.

Description

Ground Segment AIV Engineer in the Ground Segment AIV Unit, Ground Mission Segment Procurement Service, Galileo GS Procurement Office, Galileo Programme Department, Directorate of Navigation

Duties

Reporting to the Head of the Galileo Ground Segment AIV Unit, the postholder will be resident at the Galileo Control Centre in Fucino (Italy) and he/she will be responsible for activities related to the verification, qualification and deployment of the Galileo Ground Segment, the final objective being to achieve successful delivery of the infrastructure for operational use. The main duties will include:

- follow up and coordinate the day-to-day ground segment AIV activities liaising with contractors, GSA, OPS Contractors and HE Contractor;
- follow up the deployment and on site AIV planning through participation to the Mid Term Planning Meetings (MTPs) and Change Control Boards (CCBs);
- liaise with the ESA Project Office in ESTEC;
- review AIV documentation (RVM, Test Cases, Test Procedures), especially those related to Site AIV activities;
- ensure traceability between segment design documentation and its elaboration in AIV documents, such as RVM, test plans and test cases/procedures;
- support the planning of Delivery Review Boards (DRB) and their associated test campaigns;
- follow up the qualification activities both at element and segment level, reviewing the evidence contributed by the developing contractor;
- follow up the deployment activities both at element and segment level;
- follow up the test campaigns, in particular for tests executed on site. This includes attendance of TRRs, witnessing of test execution, review of test results and test logs, approval of the corresponding qualification evidence captured in the segment's VCD (TRAC);
- follow up the closure of anomalies, either at segment level (internal) or resulting from system/OPS activities (external), ensuring that critical issues are solved with maximum priority.
- support system AIV activities such as ground-to-space compatibility tests and IOT tests;
- participate, as requested, in Galileo-related reviews and technical evaluation boards, in particular contributing to qualification reviews, Delivery Review Boards, system and operations reviews;
- contribute to ESA procurement activities (preparing ITT documents, evaluating proposals, negotiating, managing the resulting contracts) for topics related to AIV, in particular contributing to preparing the next Ground Segment and System FOC procurement actions;

In performing these duties, the postholder is expected to interface closely with the Galileo Ground Segment Engineering Team, the Galileo System Integration and Verification Team, the Galileo Security Office, the Operations Team, the related industrial teams and the Product Assurance Office.

Since many of the activities will take place on operational sites or at the AIV factories, the incumbent must be prepared to travel on a regular basis.

Technical competencies

Background and substantial experience (5 years minimum) in the technical domains covered by the position
Computer systems engineering
Design, development, deployment and testing of complex secure systems
Experience in development and maintenance of ground infrastructure and/or software systems
Experience in monitoring industrial activities, including participation in reviews

Behavioural competencies

Communication
Results Orientation
Problem Solving
Planning & Organisation
Teamwork

Education

Engineering degree (Master level) in physics, electrical or aerospace engineering or a related field.

Additional requirements

Applicants for this post shall have a Master's degree or equivalent qualification in physics, electrical or aerospace engineering or a related field, together with at least 5 years' experience in system-level testing and verification engineering, a background and experience in navigation systems and in security verification environments, knowledge of ground segment and satellite operations and infrastructure, plus familiarity with ECSS standards. Candidates are expected to have a proactive attitude to problem-solving, plus good planning and organisational skills. They should demonstrate responsible decision-making and be able to work and communicate effectively in a team setting. Applicants must be eligible for security clearance by their 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 04 July 2019.

If you require support with your application due to a disability, please email 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 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.
(<http://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.