Job Title: Galileo G2A Satellite System and AIV Manager

Req ID **10022** - Posted **18/09/2020**

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
Galileo G2A Satellite System and AIV Manager

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

Location
ESTEC, Noordwijk, The Netherlands

Description
Reporting to the Head of the Galileo G2A Space Segment Management Service in the Space Segment Management Office, Galileo Programme Department, Directorate of Navigation, you will be responsible for the supervision of the satellite design, development, implementation, validation of one of the two sets of the Galileo Transition satellites, including its ground test campaign, in-orbit commissioning and in-orbit follow up phases.

Duties
You will be responsible for the following main duties:
•engineering activities relevant to satellite design, development, validation, qualification and acceptance to ensure it fulfils Agency requirements;
•consolidating and maintenance of satellite requirements, design, development, testing and verification;
•monitoring industrial work associated with satellite and ground support equipment procurement, ensuring full compliance with technical and programmatic requirements;
•leading the definition and execution of the satellite verification programme including implementation/monitoring of AIT/AIV activities;
•technical responsibility to ensure consistency of satellite platform and payload design and verification;
•ensuring all relevant necessary GTS industrial activities are performed and that the satellite design meets G2 System, Validation and Operations requirements;
•monitoring and maintenance of system satellite budgets, helping ensure the satellite design meets interface requirements;
•ensuring timely delivery of DIs (to allow preparation of in-orbit operations) as foreseen by industrial activities included in the SoW, ensuring good coordination between the Satellite System Engineering Team and all other teams involved, ESA and external;
•technical responsibility for satellite system anomaly-handling, NRBs, NCR process, RFD/W, etc. in close cooperation with all other relevant disciplines;
•participating in Agency project reviews and lower-level reviews in the relevant field of competence;
•coordinating Satellite System Engineering Team work and resources allocation to ensure timely execution of relevant activities in coordination with the Galileo G2A Satellite Platform Manager and the Galileo G2A Satellite Payload Manager;
•leading the G2A satellite Verification Control Board and supporting the Space Segment Control Board processes in your areas of responsibility;
•identifying, leading and efficiently coordinating specialised engineering support provided by the Directorates of Technical & Quality Management and Operations;
•regular and ad hoc reporting to the head of the G2A Space Segment management Service on all aspects of satellite development, proactive monitoring of relevant schedules, identifying risk and problem areas, proposing mitigation actions.

In performing these duties, you ensure:
•close cooperation with the head of the Galileo Launch Service Management Unit for all satellite-launcher interface activities;
•close cooperation with the head of the Galileo Space Segment Equipment Management Unit for all CFI-relevant aspects;
•liaising with the Galileo G2A Satellite Platform and Galileo G2A Satellite Payload Managers during execution of all satellite activities;
•close coordinating with other G2A functions (PA, PMSO, Security, Contracts) and with other Galileo areas (System, Operations, other Segments) as appropriate to maximise efficiency in executing the project.

Technical competencies
Extensive experience in Satellite System Engineering, AIV and satellite operations
Extensive experience in managing/monitoring industrial work
Extensive knowledge of ESA Space system development and PA standards

Behavioural competencies
Problem Solving
Teamwork
Relationship Management
Integrity

Education
A Master's degree or equivalent qualification in electrical or mechanical engineering is required

Additional requirements
A minimum of 10 years' of experience in platform engineering is mandatory. A proven ability to work in a project team and to lead and cooperate with industry is desired.

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 18 October 2020.

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, 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. (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.

Candidates shall be eligible for security clearance by their national security administration.