EUROPEAN SPACE AGENCY

SAGA Implementation Manager

Job Req ID: 12687
Closing Date: 05 September 2021
Publication: Internal & External
Vacancy Type: Permanent
Date Posted: 02 August 2021

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

Location
ESTEC, Noordwijk, The Netherlands

Description
You will report hierarchically to the 4S Strategic Programme Line Manager and functionally to the Optical/Quantum Strategic Programme Line Manager and are responsible for implementing and/or coordinating the SAGA projects component of the ESA ARTES Secure Satcom for Safety & Security (4S) programme, within its declared objectives, schedule and cost.

Duties
- Establishing the SAGA project User Requirements Document and Concept of Operations in consultation with relevant stakeholders, especially the European Commission;
- Generating the SAGA System Requirements and allocating segment requirements; Defining, initiating and executing the technical pre-developments as required;
- Managing the preparation and execution of SAGA related procurement tasks (ESA and European Commission);
- Defining, initiating and ensuring follow-up of the Phase A/B1 system studies, as required;
- Ensuring follow-up of tasks delegated to a dedicated team, in particular for Phase B2/C/D/E1 of the SAGA space and ground control segment;
- Evaluating the acceptability at SAGA system level of any changes to the programmatic and technical baseline by participating in major technical reviews and management/milestone meetings and preparing the decision-making process;
- Maintaining system responsibility and managing the SAGA system level and end-to-end activities including the integration into the Commission's EuroQCI system and terrestrial element;
- Managing the SAGA Validation/Utilisation phase with the Commission as well as potential transfer of ownership/control to the Commission after in- orbit commissioning;
- Managing the interface with third parties, such as satellite hosts, international partners and stakeholders; Coordinating the technical support needed in the areas of expertise of other ESA organisational units, as required, to ensure effective initiation and management of the activities;

- Providing support for consultant studies, reporting and promoting SAGA-related or SAGA Contributing Missions activities; Providing support in programmatic tasks such as reporting to the Commission and ESA Member States.
- You will be supported by senior engineers in the dedicated technical (pre-)developments and the system engineering tasks, as well as other technical experts, as required.
- You will liaise closely and proactively, as required, with colleagues from the Telecommunications Technologies, Products and Systems Department and the Telecom Satellite Programmes Department.

Technical competencies
Multi-disciplinary knowledge of area of responsibility
Proven knowledge in the area of Quantum Physics
Knowledge of industrial cost and schedule aspects
Space system development and PA standards
Complex project risk management processes
Knowledge of ESA and industrial development and verification processes

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

Education
A Master's degree in a scientific or engineering discipline is required.

Additional requirements
Engineering experience in complex space programmes (preferably in telecommunications) and up to launch and in-orbit testing is desirable.

Direct experience of working with the European Commission or a commercial telecommunications industry and operator will be a distinct advantage.

You must be eligible to obtain security clearance from national authorities.

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.

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 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, 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 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.