

Novacom II / Space Inspire Platform Engineer

Job Req ID: 11923

Closing Date: 25 April 2021

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 09 April 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. 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

Novacom II / Space Inspire Platform Engineer

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

Location

ECSAT, Harwell, United Kingdom with a resident assignment to TAS Cannes (FR).

Description

You will report to the Novacom II / Space Inspire Project Manager and will be the focal point and local day- to-day interface with the prime contractor regarding the Novacom II / Space Inspire Partnership Project.

You will support the development of a long-term partnership with the industry partner by fostering reliable technical collaboration and contributing to new innovation developments and digitalisation procurement.

Space Inspire is a new product line for geostationary satellites that will provide customers with unprecedented flexibility for video broadcasting and broadband connectivity services by reconfiguring their missions and services instantly in orbit.

Duties

- Ensuring smooth operations between the ESA and TAS Novacom II Project Teams;
- Participating in the prime contractor's weekly Novacom II project progress and technical meetings;
- Participating in the briefing of supplier selection status and TAS procurement decisions related to Novacom II;
- Contributing to the development and validation of innovative subsystems/equipment for integration in the Space Inspire new generic product line up to product line on-ground qualification;
- Participating in the overall design activities related to Novacom II/Space Inspire;

- Contributing to the maintenance of the project risk register;
- Monitoring the progress and achievements of the project milestone;
- Providing continuous feedback and reporting to the Novacom II ESA team;
- Providing inputs for regular technical, programmatic and financial reporting to ESA management and participating States;
- Contributing to new satellite equipment and systems development and digitalisation procurement in conjunction with industry.

Technical competencies

Multi-disciplinary knowledge of area of responsibility

Knowledge of industrial costs and schedule aspects

Knowledge of space platform and payload technologies

Space system development and PA standards

Complex project risk management processes

Knowledge of ESA and mission/spacecraft development, verification and procurement 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

You should have the ability to work effectively in an international team environment.

You should be able to summarise complex information and have good communication skills, both verbal and written, as well as manage challenging situations proactively and constructively.

Experience in working in complex space programmes up to launch and in-orbit testing is desirable, preferably in the telecommunications domain.

Direct experience of working with a commercial telecommunications industry and operator will be a distinct advantage. Experience in Partnership Projects would be an asset.

A good command of spoken and written French would be a strong asset.

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 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.

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