Job Title: Vega and Space Rider Avionics AIT Engineer

Requisition ID **12151** - Posted **04/03/2021**

EUROPEAN SPACE AGENCY

Vacancy in the [[customDirectorate]].

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
Vega and Space Rider Avionics AIT Engineer

This post is classified [[customGradeFrom]]-[[customGradeTo]] on the Coordinated Organisations' salary scale.

Location

ESRIN, Frascati, Italy

Description

Vega and Space Rider Avionics AIT Engineer, Vega and Space Rider Avionics GNC and Flight Software Engineering, Vega Programmes, Flight Programmes, Directorate of Space Transportation

Duties

You will report to the Vega and Space Rider Avionics GNC and Flight Software Engineering Manager and be responsible for all the Vega and Space Rider technical activities in the area of Avionics System Assembly, Integration, Testing and Qualification in Europe and French Guiana across the development and exploitation programmatic frames.

Your main duties will include:

- Acting as Avionics System AIT Technical Authority, ensuring the necessary harmonisation in the activities in this area for both the Vega and Space Rider Development and Exploitation Programmes, in particular coherence between subsystem and system perimeters, and properly tracking all the evolutions in your area of responsibility;
- Closely following up the Vega and Vega-C Exploitation Electrical Integration and Testing both in Europe and French Guiana, in close coordination with the STS/PVA and Product Assurance teams;
- Contributing to the definition and maintenance of the relevant interface specifications between Vega and Vega-C Launcher System and the Launch Complex within the perimeter of the electrical and avionics activities;
- Supporting the Vega and Vega-C qualification monitoring on the supervision of the qualified status within the Avionics System domain;
- Assessing industry requests for changes and non-conformances within your area of responsibility;
- Under the coordination of the Space Rider Avionics Focal Point, managing the technical activities in the area of Space Rider System Electrical Assembly and Integration, including HWIL and Avionics Test Bay architectural design, interface definition, verification register, operational follow-up, contribution to non-conformity and deviation processing, combined test campaign follow-up, participation in the flight campaign, post-flight exploitation and refurbishment activities;
- Supporting the Vega and Space Rider programmes on the preparation and implementation of the main milestones, evaluating the industrial deliverables and supporting their formal acceptance by the Agency;
- Drafting relevant Agency documentation in your area of responsibility (e.g. Statements of Work), evaluating the industrial proposal and supporting the negotiation of industrial contracts;
- Exhaustive systematic reporting of the status and criticalities of the activities in your area of responsibility.

Technical competencies

Knowledge of relevant technical domains
Knowledge of ESA and industrial development, verification and procurement processes
ESA Space systems development, verification and review processes and standards

Knowledge of the ESA standards and programmes
Experience in driving and supervising Industrial activities
Proven experience in supporting specific electrical AIT campaigns and of their technical and programmatic requirements in the Space Transportation domain.

Behavioural competencies

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

Education

A Master's degree in a relevant engineering field is required

Additional requirements

You should have:

- Strong problem-solving skills to deal with day-to-day operational challenges, together with demonstrated planning and organisational skills.
- Strong results orientation with the ability to set priorities and present practical solutions both orally and in writing.
- The ability to manage challenging situations proactively and constructively.

Broad experience in AIT and avionics for space transportation systems in industry and in ESA programmes is considered an 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.

The closing date for applications is 1 April 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.