

## VEGA Launch Complex Engineer

**Job Req ID:** 12587

**Closing Date:** 28 June 2021

**Publication:** External Only

**Vacancy Type:** Fixed-Term

**Date Posted:** 14 June 2021

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.

This post is for a limited duration of 4 years (non-renewable) and is classified A2-A4 on the Coordinated Organisations' salary scale.

### Location

ESRIN, Frascati, Italy

### Description

Vega Launch Complex Engineer in charge of the Launch Zone Control-Command Systems, Vega and Space Rider Launch System Engineering, Flight Programmes, Directorate of Space Transportation

### Duties

You will be responsible for:

- following up industrial activities on launch complex control means, linked to the accompaniment of Vega exploitation, including anomalies, treatment of obsolescence, and complementary developments;
- supporting the maintenance and evolutions of Launch System qualification status for Vega Ground Control Means (including Level 2 and 3 software used to accept, verify and control the launch vehicle (LV) and Launch System (LS)), ensuring full operability of the Launch System during the exploitation and parallel development phase:
  - Analysis of justifications and independent verification of Vega launch system changes with impact on the qualification status;
  - Management of industrial activities related to delta qualification activities;
  - Resolution of qualification reservations and robustness issues
- managing the implementation of the Vega-C Ground Control Means (GPM and GSM) activities (including Level 2 and 3 software used to accept, verify and control the LV and LS), including definition, design, verification and synthesis;
- supporting the preparation and execution of the Vega-C combined tests and maiden flight launch campaigns;
- supporting the Independent Verification of Vega-C Exploitation HLR and contributing to the maintaining of Vega-C Launch System Master File as far as Ground Control Means are concerned;
- contributing to the Vega-E Launch System trade-offs and definition of the Vega-E Launch Base System Requirements, including Launch Vehicle-to-Launch Base Interface Requirements.

### Technical competencies

Multidisciplinary knowledge of area of responsibility

Knowledge of industrial costs and scheduling  
Knowledge of other technical domains with interfaces to own area of responsibility  
Knowledge of ESA and industrial development, verification and procurement processes  
ESA space systems development, verification and review processes and standards

### **Behavioural competencies**

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

### **Education**

A Master's degree in engineering is required for this post

### **Additional requirements**

Minimum ten years of direct system-level experience in ground segment development for space transportation systems within industry or ESA programmes

### **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 mail [contact.human.resources@esa.int](mailto:contact.human.resources@esa.int).

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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 view of the limited duration of this post, internal candidates are strongly advised to contact their HR advisor before applying.

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.