

Flight Operations Segment Engineer

Job Req ID: 15161

Closing Date: 04 May 2022

Publication: External Only

Vacancy Type: Fixed-Term

Date Posted: 06 April 2022

Vacancy in the Directorate of Earth Observation Programmes.

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

This opportunity is open for the specific needs of a National Project. **Accordingly, the external candidate selected for this post will continue to be considered an external candidate for the purposes of any future applications to the Agency.**

Location

ESRIN, Frascati, Italy with an initial assignment at ESOC, Darmstadt, Germany, for a duration of one year

Description

Flight Operations Segment Engineer for the Earth Observation component of the Italy-ESA Technical Assistance Programme.

You will report to the Downstream Manager in the IT PNRR Downstream Office, IT PNRR Programme, Earth Observation Projects Department, Directorate of Earth Observation Programmes, and functionally to the Flight Control Responsible in the Earth Observation Missions Division, Mission Operations Department, Directorate of Operations.

Duties

Your duties will include:

- managing the technical activities concerning the Technical Assistance Programme in the area of the Flight Operations Segment, including requirements, development, testing, integration with the rest of the Ground Segment, post-launch commissioning and the initial operations phase;
- supporting operations preparation for the satellite part of the programme;
- supporting the Ground Segment system level definition, interface specification and implementation;
- drafting the Statements of Work (SoWs) relevant to the Flight Operations Segment, evaluating the industrial offers, supporting the negotiation of industrial contracts, and acting as Technical Officer for the corresponding contracts;
- evaluating the industrial deliverables and their formal acceptance by the Agency;

- preparing and implementing the main milestones, including specific reviews and Key Decision Points (KDPs) at FOS level, and participating in system milestones.

Technical competencies

Detailed knowledge of Ground Segments in general, and Flight Operations Segment in particular

Understanding of development and maintenance of ground infrastructure and/or software systems

Experience in spacecraft operations, in particular for Earth Observation Satellites

Experience in ground segment and operations development phase

Experience in technical management and coordination

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A master's degree in a relevant engineering subject is required for this post.

Additional requirements

You should also:

- have a minimum five years' direct experience in Flight Operations Segment and operations preparation and execution. Experience with more than one mission is considered an asset.
- have a high level of self-motivation and autonomy and the ability to work effectively in an interdisciplinary team
- demonstrate flexibility in dealing with day-to-day operational challenges
- demonstrate strong teamwork.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

For further information please visit: [Professionals](#), [What we offer](#) and [FAQ](#)

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 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, Lithuania and Slovenia.

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 conducted by an external background screening service.

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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