

Job Title: Project Engineer

Req ID 8773 - Posted 26/08/2019



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Space Transportation.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

Post Project Engineer

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

Location

ESA Headquarters, Paris, France

Description

Project Engineer in the Future Launchers Preparatory Programme (FLPP), Future Space Transportation Systems Preparation, Directorate of Space Transportation.

Duties

Under the responsibility of the Space Transportation System (STS) Manager for the FLPP, the postholder will be responsible for the ramping-up of system and service-oriented projects for Prometheus engine precursor advancements.

The duties will include:

- defining system concepts increasing the versatility and competitiveness of European space transportation;
- defining industrial activities and establishing relevant statements of work for STS;
- managing and participating in the evaluation of tender submissions, negotiating corresponding contracts;
- implementing contracts in collaboration with Procurement and other relevant ESA Departments, including assessing related deliveries;
- managing the Future STS Preparation technology and demonstration roadmaps in collaboration with customer projects, technologies and demonstrator teams, in line with programme system needs;
- monitoring the cost/benefit of selected systems and technology, associated programmatic risks and robustness;
- developing diversification of STS stakeholders through spin-ins/spin-offs to strengthen those roadmaps and achieve programme objectives;
- preparing and organising necessary reviews/key points;
- defining the support to be provided by the Directorate of Technology, Engineering and Quality and the technical assistance to STS with national agencies for related activities, establishing and managing the relevant contract/arrangement elements linked to these entities.

The postholder will be assisted as necessary by support staff such as project control, contracts, legal, quality and by engineers from the above Directorate and from national agencies under the FLPP technical assistance scheme.

Technical competencies

Multi-disciplinary knowledge of area of responsibility

Knowledge of industrial costs and schedule aspects

Knowledge of other technical domains with interfaces to own area of responsibility

Space system development and PA standards

Complex project risk management processes

Knowledge of ESA and industrial development, verification and procurement processes

Behavioural competencies

Communication
Planning & Organisation
Problem Solving
Responsible Decision-Making
Results Orientation
Teamwork
Systems & Broader Business Thinking
Relationship Management

Education

Applicants should have a Master's degree or equivalent qualification in space transportation and business development, and at least five years' experience in the space transportation sector, preferably in project implementation and system engineering. Plus a thorough knowledge of the sector overall, the NewSpace environment and STS innovation processes.

Additional requirements

Required behavioural competencies include:

- negotiation skills;
- good interpersonal skills with the ability to work effectively and cooperatively in a diverse and international team environment;
- the ability to define and implement solutions in line with team objectives;
- excellent reporting and communication skills;
- an interest in innovative technology, systems and services.

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 23 September 2019.

If you require support with your application due to a disability, please 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 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. (<http://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.