

Job Title: System Engineer

Req ID 9074 - Posted 14/01/2020



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Human & Robotic Exploration Programmes.

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 System Engineer

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

Location

ESTEC, Noordwijk, The Netherlands

Description

System Engineer in Systems Engineering Division, Systems Department, Directorate of Technology, Engineering & Quality, assigned as Integrated Support to the MPCV-ESM Engineering Team, MPCV-ESM Team, Development Projects Group, Directorate of Human & Robotic Exploration.

If successfully recruited to this post, you will report to the MPCV-ESM Engineering Team Leader, under whose delegated authority you will be technically responsible for the following duties.

Duties

- Supporting the Chief Engineer and Principle Engineers in the field of System Engineering with focus on thermal architecture, requirements definition and technical baseline;
- Supporting the assessment of deviations, waivers and non-conformances;
- Supporting the ESM (European Service Module) verification process;
- Interfacing with NASA in the domain of ESM system engineering to address and resolve technical issues;
- Monitoring the industrial consortium in the detailed implementation of the technical activities;
- Supporting the Chief Engineer and Principle Engineers in the development and maintenance of the MPCV-ESM bilateral technical baseline;
- Supporting the establishment of the industrial technical baseline;
- Liaising with the System Engineers of the ESM units post-ESM1 to ensure a coherent and smooth transition of the ESM design from ESM1 to future models;
- Supporting the ESM Chief Engineer and Project Manager by contributing to MPCV ESM CCBs and ECBs;
- Other duties in your area of competence as may be required by the hierarchical superior in support of the project activities;
- Participation in periodic meetings and providing periodic reporting with the TEC parent division, contributing to the transfer of technical knowledge while also benefiting from TEC parent section expertise. You will regularly liaise with the parent section for general technical knowledge, sharing and lessons-learned matters of significance to D/TEC.

Technical competencies

System engineering and understanding of system requirements and interfaces
Space system development and PA standards
ESA Space systems development, verification and review processes and standards
Knowledge of industrial costs and schedule aspects

Behavioural competencies

Communication
Results Orientation
Customer Focus
Teamwork

Education

A Master's degree or equivalent qualification in engineering is required.

Additional requirements

Working in support of the system engineers in the MPCV-ESM Team, the postholder must be able to work effectively and cooperatively in a team environment, have good analytical, organisational and reporting skills, a proactive attitude to problem-solving and a service-oriented approach.

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 11 February 2020.

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.