EUROPEAN SPACE AGENCY

Infrastructure and BIM Engineer

Job Req ID: 12721
Closing Date: 03 March 2022
Publication: Internal & External
Vacancy Type: Permanent
Date Posted: 03 February 2022

Vacancy in the Directorate of Internal Services.
ESA is an equal opportunity employer, committed to achieving diversity within the workford
and creating an inclusive working environment. We therefore welcome applications from a
qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age,
disability or other characteristics. Applications from women are encouraged.
Post
Infrastructure and BIM Engineer
This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location
ESA Headquarters, Paris, France

Description

ESA's sites and common technical infrastructure form one of the key elements upon which
the entire European space programme can be built and grown, contributing to European
industry's worldwide competitiveness and to the success of ESA missions.
Through its Estates and Facilities Management (EFM) Department, ESA maintains,
improves and develops its site infrastructure, so that it is fit for purpose for a modern work
environment and serves the needs and future evolution of the Agency, its partners and
Member States.
The Estates and Facility Management Department provides, within a multidisciplinary
context, a dynamic evolution environment for individual growth and expertise.
The Infrastructure and BIM Engineer will be responsible for supporting the ESA
Headquarters EFM Division in all activities related to the infrastructure of ESA premises in
France and in particular the new Headquarters located in the 15th arrondissement of Paris
which will open in 2023.
You will hold key responsibilities in the operation of the premises and specifically of the Ma
Conference Centre of the Agency and further be part of the ESA team of experts in BIM ar
other state-of-the-art EFM management tools such as Archibus and Revit. You will also be
involved in several local and corporate certification processes such as ISO 50001, BREEA
and Well.

Duties

If selected for this position, you will be responsible, in particular, for:
- leveraging the state-of-the-art building technologies in the new ESA HQ, in accordan
  with agreed operational KPIs in conjunction with the appointed FM hard services
  contractor;
- monitoring and coordinating infrastructure projects, interventions and accommodatic

- assisting the management and control of all related contracts; ensuring related procurements are executed in a timely and effective manner; assisting with the acceptance of infrastructure projects;
- managing the technical infrastructure and associated documentation, plans, procedures, manuals, specifications, etc.
- writing statements of work and contributing to calls for proposals;
- providing BIM expertise and support for the local and corporate investment activities
- driving forward the maintenance and the improvement of Building Certification Standards and related ISO certificates;
- concise and timely responses to customer requirements for facilities and services;
- ensuring that all services, facilities, infrastructures and installations on site (and any changes thereto) comply with the applicable ESA and departmental policies and processes.

Technical competencies
Expertise in BIM-based packages
Knowledge of the related standards
Knowledge of the relevant software
Experience in maintenance and operation of state-of-the-art HVAC installations

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

Education

A master's degree in engineering or a related discipline; including significant content relate to digital systems and processes.

Additional requirements

You will have a minimum of 4 years' relevant work experience, which encompasses:
- experience in maintaining and operating state of the art technical infrastructure;
- significant experience in Building Information Modelling (BIM) and related standards (ISO 19650-1 and 2); previous experience in leveraging the potential of Revit would of particular interest to ESA;
- wide knowledge of Building Management Systems (BMS, PLCs) and Safety/Security systems (FDS, CCTV, ACS, IDS) is an asset;
- broad experience of project management and associated IT packages;
- excellent planning and work organisation skills and an ability to thrive under pressure
- experience in the effective use of quality management systems (such as ISO 9001, 14001, 45001, 50001);
- good knowledge of BREEAM, NF HQE and WELL building standards;
- ability to work in an international environment (cross-cultural sensitivity, open-mindedness).

Other information
For behavioural competencies expected from ESA staff in general, please refer to the ESA Competenc Framework.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we see 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 woul 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, United Kingdom and Canada, Latvia, Lithuania and Slovenia.

According to the ESA Convention, the recruitment of staff must take into account an adequate distributi of posts among nationals of the ESA Member States. When shortlisting candidates, priority will first be given to internal candidates and secondly to external candidates from under-represented Member States (see nationality targets)

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.

Apply n