EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Technical and Quality Management

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and encourages applications from women

POST

AIT/AIV and GSE Engineer in the System Modelling and Functional Verification Section, Software Systems Division, Systems, Software and In-Orbit Demonstration Department, Directorate of Technical and Quality Management.

This post is classified in the A2/A4 grade band of the Coordinated Organisations' salary scale.

LOCATION

ESTEC, Noordwijk (Netherlands).

DUTIES

The postholder will be assigned as integrated support in the function of AIT/AIV (Assembly, Integration & Test or Verification) and GSE (Ground Support Equipment) Engineer to the Galileo FOC (Full Operation Capability) Satellite Procurement Service Galileo Space Segment Procurement Office, Galileo Programme Department, Directorate of the Galileo Programme and Navigation-related Activities and will report to the Galileo FOC Satellite AIV Manager. The duties of this integrated support post will include:

- monitoring the AIT/AIV plans produced by the satellite prime contractor and ensuring, through regular meetings on the prime contractor's premises, that they are coherent and consistent with the baseline schedule;

- identifying potential risks to the schedule and identifying workaround solutions and risk mitigation actions to be implemented;

- participating in Test Readiness Reviews (TRR) and Post Test Reviews (PTR) as the representative of the Project in coordination with those responsible for Engineering and Product Assurance (PA). Participating in Test Review Boards (TRBs) and Non-Conformance Review Boards (NRBs) as one of the representatives of the Project. Providing daily AIT reports as required;

- ensuring that all GSE is complete, configured and properly verified in time for AIT activities and that all software and automated procedures required for spacecraft verification are consistent with the requirements;

- reviewing AIT procedures with the support of project staff and other technical representatives from the Directorate of Technical and Quality Management and ensuring that the test procedures properly trace these verifications to the requirements through test report and the Verification Control Document (VCD) provides as support to the Verification Control Boards (VCBs);

- supporting the launch campaign and ensuring the launch facilities are inspected and verified and in the required state of readiness for the satellite. Monitoring the completeness of all AIT/AIV activities up to launch in accordance with an agreed launch operations plan. These activities will require the physical presence of the postholder for prolonged periods on the launch site (Centre Spatial Guyanais (CSG), French Guiana) in support of the Launch Campaign Manager;

- monitoring the satellite production activities in the industrial facilities;

- monitoring the satellite environmental test activities on site in the ESTEC Test Centre;

- proposing new methods, technologies and activities to be assessed in the framework of technology programmes in the areas of system verification;

- participating in periodic meetings with the parent section and contributing to the transfer of technical knowledge and lessons learned across the Agency.

In order to perform the above duties, the incumbent will be required to travel extensively.

QUALIFICATIONS   Applicants for this post should have:
- a Master's degree or equivalent in physics, electrical or aerospace engineering or a related domain;
- extensive experience of satellite-level functional, performance and environmental tests;
- experience of at least one complete satellite test and launch campaign in an AIT/AIV role;
- experience of satellite verification engineering;
- good knowledge of GSE operations and infrastructure;
- good knowledge and practice of standard informatics tools (text editors, spreadsheets, etc.).

Preference will be given to candidates demonstrating:
- experience with the Galileo Space Segment and verification approach;
- excellent competence in satellite qualification and acceptance;
- experience with the serial production of satellites.

Applicants should have good interpersonal and communication skills with the ability to work autonomously, effectively and cooperatively in a diverse and international team environment and to define and implement solutions in line with team and individual objectives and project deadlines. In addition, they should have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

Security clearance from the relevant national security administration is required.

The working languages of the Agency are English and French. A good knowledge of one of these languages is required. Knowledge of another Member State language would be an asset.

CLOSING DATE   The closing date for applications is **04 August 2014**.

Applications from external candidates for this post should preferably be made online from the ESA website (www.esa.int/careers). Those unable to apply online should submit their CV to the Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply for this post should fill in the Internal Application Form and email it to Apply2ESTEC.

The Agency may require applicants to undergo selection tests.

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Under ESA Regulations, the age limit for recruitment is 55. Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada.

Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

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.