



OHB Italia SpA is acknowledged as one of the leading medium size companies in Europe for space systems integration. It is part of a cluster of European enterprises operating in the aerospace business. Founded in 1981, with headquarters in Milan and excellence centres in Italy, the company employs more than 180 qualified engineers & physicists.

OHB Italia has consolidated expertise, resources and facilities to carry out manufacturing, integration, qualification and flight certification, with a role of Prime Contractor in different fields of activities.

Its success is due to a combination of technical expertise, innovative technologies and low cost solutions, which allow to give customers easy access to space.

The company operates both on the institutional and commercial markets.

Its main customers are space agencies, space authorities and large industrial groups.

OHB Italia is seeking for its **Satellites** Department in Milano or Rome for immediate start an

### **Avionics System Engineer (m/f) Ref.10\_18**

#### **Your Tasks**

- Give support to satellite projects from the pre-development phase up to launch campaign, including in-orbit commissioning
- Give support to proposal preparation as well as evaluation of subcontractor proposals
- Definition of the Avionics and electrical design by elaborating related concepts and top level customer requirements
- Analysis of system requirements and extraction of avionics and electrical related requirements to ensure the correct and complete flow-down to lower level equipment suppliers
- Perform design trade-offs between disciplines such as thermal, structural, mechanical, electrical, functional etc
- Support the evaluation, selection of lower level suppliers to ensure the proper implementation of the avionic architecture
- Management and harmonization of electrical interfaces between separate units in close cooperation with the suppliers
- System-level planning and supervision of the Avionics Units development
- Production and maintenance of documentation (analyses, specifications, test procedures, reports and design descriptions)
- Organization and conduction of internal and external reviews
- Definition of a standard process and test concept for the electrical systems verification from early design phases until system level verification campaigns, including environmental and launch campaigns

**OHB Italia SpA**  
Human Resources  
Via Gallarate, 150  
20151 Milano

Become part of our team! Apply by sending your updated CV and cover letter via E-Mail to [rstaffiere@cgspace.it](mailto:rstaffiere@cgspace.it)

- Definition of EGSE needs to support required verification activities
- Cooperation with project team, systems engineering and other divisions
- Planning and definition of the Avionics test campaign, provision of support during test phase, and evaluation of test results

### **Your Qualifications**

- Master's degree in engineering with a major in space technology, Electrical/Electronic or comparable qualifications
- Several years of professional experience as system engineer in the space industry
- Professional experience in phase B/C/D in Satellite projects
- Good knowledge of state-of-the art requirements engineering and management practices and tools (e.g. DOORS)
- Relevant experience and good knowledge of practically applying engineering standards (e.g. ECSS)
- Proven experience in technical and/or project management of institutional Earth Observation projects
- Strong competences in space mission design, satellite systems engineering and spacecraft subsystem lay-out
- Experience in satellite system verification and test activities
- Excellent communication skills
- High degree of flexibility and attitude to work in a team
- Fluency in spoken and written English