



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 Milan or Rome for immediate start an

### **Electrical Subsystem Engineer (m/f) ref. 02\_03\_18**

#### **Your Tasks**

- Analysis of the Satellite Mission Requirements from the Customer, design of electrical architecture, definition of the electrical interface (Power and Signal Interface)
- Issue of the Electrical design Requirements, both for unit and units' supplier, based on Space electrical standard and on the specific Satellite high level requirement. Update the internal electrical documentation and the relevant high level electrical analysis
- Manage electrical issues towards the units' supplier, review of supplier's documentation for electrical area, and responsibility for the fulfillment at Satellite and supplier level of the electrical and functional requirements. Contribution to the Verification Control Document for the electrical part
- Issue of Electrical scheme, block diagram, high level and Interface electrical analysis.
- Concurrent development with the other subsystems (Data Handling, Attitude Control, thermal/mechanical constrains, quality requirements, mission requirement, Integration and testing, etc.), and from the requirements coming from the applied space engineering standard (typically ECSS standard)
- Cooperation with the Harness responsible for the electrical Satellite cabling and connectors definition, development

and integration. Contribution to the Satellite electrical ICD and wiring list.

- Interaction with Satellite Integration and Testing department for electrical issues, till the Satellite Launch

#### **Your Qualifications**

- Master Degree in Electronic Engineering, knowledge of electronic circuits and simulations, Knowledge of circuits and signals Interfaces, practical knowledge of electrical standard and typical electrical issues. Even if not part of daily activities, ability to work with standard test instruments is highly appreciated
- Good interpersonal skills, ability to work in team and management of client/customer relationship in both directions, ability to manage work overhead and contingency issues
- The ideal candidate will have some years of experience in electrical design. Working experience in the specific space field, like the knowledge of space standards and documentation are welcomed, but not mandatory.