



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 SpA
Human Resources
Via Gallarate, 150
20151 Milano

www.ohb-italia.it

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

Satellite Electrical Lead Systems Engineer (m/f) Ref.03_18

Your Tasks

- Perform architectural studies to define and justify the best-suited concept with respect to the top level customer needs considering aspects as feasibility, design maturity, implementation efforts and risks
- Definition of the electrical architecture in terms of requirements and ensure the correct and complete flow-down to lower level equipment suppliers
- Coordinate your work within the OHB-I's engineering team with lead engineers in other technical domains e.g. thermal, accommodation, software
- Manage key budgets on power, discrete interfaces, bus loads
- Support the evaluation, selection and progress monitoring of lower level suppliers to ensure the proper implementation of the electrical architecture
- Presentation of the work in your area to other team members, suppliers and customers in technical meetings
- Perform power system engineering and analysis / trade-offs / risk estimation for critical subjects
- Management and assessment of technical impacts from RFD/RFW/NCRs within your domain of responsibility in case of non-conformances and in cooperation with the systems engineering team
- Review of the technical documentation provided by suppliers and active support of subcontractor reviews
- Ensure adequate requirements verification in the electrical and functional domain by assigning verification methods and by contribution to test plans, establishment of test specifications and negotiation of these aspects with suppliers and customers in cooperation with the

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

Join us now!

- verifications manager
- Management and harmonization of electrical interfaces between separate units in close cooperation with the suppliers
 - Contribution to proposals for new potential projects
 - Dependent on the project size it may become necessary to coordinate the work of a team of engineers supporting you to perform your work e.g. harness engineering, EMC engineering, electrical engineering Management of required subcontract documents (contract, SOW, specification) and negotiation of the subcontract w.r.t. commercial and contractual agreements

Your Qualifications

- Diploma in electrical or telecommunications engineering or similar discipline
- Strong background in electrical systems engineering in large space projects
- At least 5 years of professional experience in electronic development activities for space projects In depth knowledge of the design flow of electrical systems and ability to work with associated documents
- EMC design and verification
- Power Systems: power conditioning and distribution, solar arrays power regulators, battery conditioning
- Good knowledge of relevant general standards(ECSS / MIL standards) with respect to general electrical requirements, EMC, radiation environment
- Excellent communication skills, ability to work in large international teams, good written and oral English
- Organized and structured approach, high degree of motivation and personal identification with the respective tasks and project
- Strong focus on reaching progress by thinking and communicating in terms of solutions, ability to reach goals under schedule pressure
- Willingness for frequent travel