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Our client is a well known and established company having a large experience in analogue and digital hardware and software electronic equipment for space applications.

In order to complement the engineering pool of the Products Lines Department, we are looking for an:

Equipment Technical Manager

The applicant shall have several years of experience in complex embedded systems' development and validation in the space domain. He/she will be in charge of the definition, design, development and validation of electronic equipments to be integrated on satellites.
The candidate shall demonstrate the following skills and qualifications:
- Master degree in Electrical Engineering
- Several years of experience in complex embedded system development and validation.
- Outstanding experience of system architectural design and of detailed electronic design for space applications
- Excellent knowledge and experience of RAMS analysis and environmental constraints specific to space electronics.
- Knowledge of processor architecture and Real Time operating system
- Familiar with real time embedded Software and integrated circuit development flow.
- Experience in space/aeronautics activities according to development standard such as ECSS or DO-178, DO-254 standards (ECSS standards is an asset).
- Languages: French & English (both mandatory)

The task to be performed by the post holder will be the following:
- To ensure the technical responsibility of the project and to take the technical lead of a pool of up to 10 engineers.
- To be the main technical interface with the customer and with potential subcontractors
- To define and/or consolidate the architecture of the equipment (HW/SW partitioning, number of boards, function distribution, interfaces definition,…) that will at best comply with the customer specification, optimizing the cost and schedule aspects.
- To contribute to the definition of the project development plan that will guarantee a safe integration, minimizing the technical and programmatic risks.
- To elaborate the technical documentation in collaboration with the project team
- To define the lower level (FPGA, Boards, embedded SW) specifications and to support the team such as to guarantee the coherence between the different subsystems.
- To perform technical trade-off to select the best technical and economical solutions.
- To define the integration and validation plan and the associated testing tools
- To ensure the validation and the environmental qualification of its equipment
- To support the project manager with the planning of the different activities and with the resources allocation.

Within the Company this person will refer directly to the manager of the Product Line Department, but will have tight connection with:
- Project manager
- PA and project engineers
- Group managers

The job is based in the French speaking area of Switzerland.

Run by space professionals, Spacelinks provide specialist recruitment in the space and defence industry. Spacelinks are acting as a Recruitment Agency with regards to this position. When applying, please send your CV as a Word document to cv@spacelinks.com and please indicate your current salary and earliest date of availability. Make sure to include the vacancy number ***SL-02202*** *in the subject line as we use email filtering.*

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