HE Space is a successful international space company. For over 30 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Satellite and Ground Operations Engineer to support our customer in Germany.

**Satellite and Ground Operations Engineer**

**Key Tasks and Responsibilities**

For our customer, a German spacecraft prime contractor, we are looking to engage several satellite and ground operations engineers to support spacecraft control authorities operational preparation activities. The support is required for both geostationary and medium Earth orbit missions.

Typical tasks you will encounter in this position are:

- Elaboration of Satellite Operational Concepts;
- Coordination and trade-off requirements for mission with Systems Engineering incorporating operability requirements;
- Flow-down of requirements for Ground Segment & Operations;
- Development Operations DDV;
- Operational Test planning and satellite operations training;
- Operations execution;
- Development of Ground Systems Concepts;
- Interface Management to Suppliers (for e.g. ground support tools), Subcontractors (e.g. service contracts for LEOP, ground stations) and to the Space Segment Team;
- Production of Operation Handbooks;
- Production and validation of Flight Procedures;
- Support engineering of the SC simulator;
- Generation of Specifications: e.g. Satellite to Ground station interface, Simulators;
- Support for project proposal generation.

**Skills & Experience**

You will have the following qualifications and relevant experience:

- 5+ years’ experience with satellite/ground operations engineering, ideally with a significant portion in the operational preparations;
- University degree in engineering or equivalent;
- Experience working with or, ideally, contributing to high level operational requirement documents, e.g., the operational handbook, operational concept, mission manual;
- Experience with the DOORS configuration management tool, the SCOS mission control system and relevant portions of the ECSS standards would be advantageous;
- Functional / operational understanding into one or more spacecraft subsystems (ideally AOCS, Power, or TTC/OBDH);
- Good grasp of the space project lifecycle and mode of working in a spacecraft control centre;
- Some international experience/exposure is desirable;
- Fluency in English is essential. Some knowledge of German can be an advantage.

During the early stages of the work you will be interfacing mostly with the spacecraft subsystem engineers, located in Bremen. As the task progresses, you will increasingly engage with personnel at the relevant spacecraft operational authority. Positions are located in Bremen and Munich.

If you think you have what it takes for this job, please send us your CV together with a letter of motivation (both in English and in Word) to Ms Agnieszka Iwanczuk at jobs@hespace.com, quoting job DEB-3058 at your earliest convenience.

An exciting and dynamic international working environment awaits you!

*Please note: Due to work permit restrictions for this position, please apply only if you are citizen of a European Union state or if you are eligible to obtain a work permit for Germany.*