



HE Space is a successful international space company. For nearly 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Telecommunications Satellite Payload Engineer to support our customer ESA in the United Kingdom.

Telecommunications Satellite Payload Engineer

Key Tasks and Responsibilities

As part of the Telecommunications and Integrated Applications section, you will have the following responsibilities:

- Support the initiation of activities related to technology and product development for payload applications;
- Support the establishment and control of relevant ESA requirements, specifications and general documentation;
- Evaluation, support to negotiation, monitoring and control of development contracts and activities;
- Preparation of inputs to status reports;
- Contribute to the preparation of technology and product development work plans.
- Support other members of the section on their projects and share expertise within the section;
- Monitor market and technology trends and developments in the area of satellite communication;
- Cooperate with specialists in other ESA departments;
- Identify any issues during the procurement phase, the running or closing of an activity, and flag them for attention in a timely manner;
- Support the timely preparation of papers for Adjudication Committee meetings or Delegate bodies (IPC, JCB), with high quality standards;
- Provide inputs for the Department Business Intelligence management system;
- Support TIA communication activities in line with the ESA TIA Communication Policy rules;
- Follow the relevant and applicable ISO procedures;
- Maintain the required level of confidentiality and security as defined in the ESA Security Directives.

Skills & Experience

You will have the following qualifications and relevant experience:

- PhD or Master degree or equivalent qualification in engineering and experience in payload technology and products for telecommunication satellites;
- General experience with the design, analysis, qualification, testing and implementation of satellite payload equipment for telecommunication satellites, with substantial experience in one or more of the following;
- Management of development contracts for satellite payload equipment;

- Design, development and/or exploitation of antenna, digital or RF units, such as:
 - low noise amplifiers;
 - channel amplifiers and linearisers;
 - power amplifiers;
 - frequency converters;
 - digital signal processors.
 - A sound knowledge of multiple different types of payload equipment and their functions at payload level is desirable;
 - Fluency in English is mandatory; knowledge of another European language is an advantage.
- This job is located in Harwell, UK. We welcome applicants who are available from June 2020 (or as soon as possible thereafter).

If you think you have what it takes for this job, please send your CV together with a letter of motivation (both in English and in Word) to Ms Sabrina Kracke, by clicking on the button "Apply for this job" quoting job **UK-HP-4516** before **14-May-21**.

An exciting and dynamic international working environment awaits you!



HE Space recruiting for ESA