

JOB TITLE:	Project Engineer	REPORTS TO:	Operations Director
DIVISION/DEPT:	Operations	LOCATION:	United Kingdom
<i>Send applications and CVs to operations@bandweaver.com</i>			

Role Purpose

Bandweaver Technology Ltd is a subsidiary of Bandweaver Technologies which is a Shanghai based company in the high-tech sector of fibre optic monitoring (with 300 global employees). As a young and fast-growing company, we are looking for capable and self-motivated engineer to join our operations team in the UK office, which services customers worldwide.

This is a permanent role based in Bandweaver's UK office, with global travel required. As a key employee in a dynamic company you will need to be flexible and adaptable. You will have the opportunity to work with diverse cultures in a global environment, with our partners as well as customers. The role will switch between technical, operational, commercial and administrative.

The work will be varied and will touch upon all the tasks below and more. Prior experience is an advantage, but not vital. On-the job training will be provided for all aspects of the role. This is a great opportunity for a capable and ambitious engineer to join a small team in a growing company. You will have the potential to have a tangible impact and real scope for growth.

Key Responsibilities

- Field Work
 - Training for 3rd party installation contractors and other customers
 - On-site installation support and commissioning of Bandweaver systems in the field (with remote support from the product teams in Shanghai)
- Projects and order delivery, including:
 - Contract Review
 - Order booking
 - System design and engineering input including:
 - Selection/specification of Bandweaver instrumentation and 3rd party accessories (19" racks, fibre optic cables, PC hardware, PLC.....)
 - Interface with 3rd party equipment and instrumentation (SCADA, Modbus, PLC.....)
 - Producing associated documentation (diagrams, specifications....)
 - Procurement
 - System integration and Factory Acceptance Testing:
 - Writing test procedures and interface with customer
 - Setting up and executing test procedures. This includes operation of Bandweaver instrumentation (DTS, DAS, RTTR) and interfacing with customer/3rd party systems. This will also involve utilising specialised optical equipment (E.g. fusion splicing....)
 - Logistics
 - After sales technical and warranty support to customers
- Project management
 - Hands-on management of projects
 - Project planning
 - Customer interface
 - Execution and cost management of projects
- Product development and management
 - Developing procedures and documentation
 - Developing training courses for distributors and partners
 - Support with industry approvals; E.g.: being the principal point of contact with gaining certification (VdS, CE, UL, FM...)
 - Liaising with R&D department and product teams in Shanghai

- Commercial
 - Conducting customer demos at Bandweaver’s demo site in the UK
 - Supporting sales team by providing technical information for proposals and marketing material
 - Taking part in customer visits and supporting sales team with technical information
 - Supporting the sales team with ongoing enquiries as and when appropriate (e.g. if they are travelling)
- Quality
 - Supporting the efforts of achieving ISO9001 and OHSAS 18001 certification
- HSE
 - Conducting risk assessments for each field mobilisation and key undertakings

Typical Outputs:

- Project management documentation and tools (action tracking, GANNT charts, cost analysis, quality plan,..)
- Training programmes and field service reports
- FAT plans and associated documentation
- HSE documents (risk assessments, job safety analysis....)
- Input into commercial proposals

Person Specification

Behavioural Attributes / Competencies	Knowledge, Skills & Experience
<p>As part of a small team in a growing vibrant start-up, it is anticipated that the range of responsibilities and tasks will be variable and so flexibility, adaptability and integrity are vital</p> <ul style="list-style-type: none"> • Willingness to travel and work on site in industrial environments (offshore, power utilities, construction sites). Projects and customers are located globally. • Effective communicator: Strong verbal communication skills, will interface with customers and also internally both with technical and commercial personnel • Enthusiastic engineer: Strong technical capacity and enthusiasm for working with new and exciting technologies • Detail-oriented: Attention to detail is important specifically when working on system design and project planning • Level-headed: Able to work under pressure. • Self-motivated team-player: Able to manage time and multi-task. Also support other colleagues when it’s required. • Written communications skills. Will write and contribute both to project management, technical and commercial documents 	<ul style="list-style-type: none"> • Technical qualification required: Degree in electrical engineering, physics, systems, telecoms or automation preferred. Will also consider BTECH, HND or equivalent on the job qualifications. • Experience with fibre optics (fusion splicing, OTDR...) an advantage. Otherwise a willingness to learn • Experience with System integration an advantage (E.g.: interfacing sensors within industrial control environments (PLC, SCADA.....) and understanding of industry protocols (MODBUS, RS232, RS485.....) • Experience in assisting commercial teams an advantage (proposal writing, technical data sheets...) • Languages: Chinese would be an advantage