

Advanced Oncotherapy is an innovative technology business focused on delivering a proton-based radiotherapy system using technology originally developed and tested at the world-renowned CERN facility in Switzerland.

Proton beam therapy is likely to play a crucial role in the affordable treatment of cancer in the future. Advanced Oncotherapy's system is based on a linear accelerator ('LIGHT') technology that is superior to traditional cyclotron/synchrotron accelerators and significantly less expensive to implement than its competitors. The company acquired the technology through the acquisition of A.D.A.M. SA, a CERN spin-off company, in 2013.

Commercial momentum is now building, with an order book reaching several hundred million dollars. In the UK the company has formed a JV with Circle, a leading UK healthcare company, to create a proton therapy centre at a prestigious Harley Street site which is currently being developed.

In preparation for the installation and commissioning of the first LIGHT system at our test site (STFC Daresbury) prior to shipping to our customer site, the Client Services Team of Advanced Oncotherapy plc is recruiting a team of installation and service engineers. This new team will work closely with the technical team in A.D.A.M SA in Geneva, undertaking initial training in the research bunker and contributing to the specification of the installation and service requirements of the first and subsequent machines.

The role of project engineer will work on all stages of our installation projects, from building planning, design & manufacture, through to installation, commissioning and operation to end-of-life cycle. The role will focus on producing and optimising project delivery, driving efficiencies and ensuring cost-effective methods throughout the project life cycle. He/she will liaise with customers, consultants, constructors and assist in planning applications.

## Responsibilities

### Installation Management

- Organising and planning installation, commissioning, training and hand-over
- Provide support to all installation projects including reviewing and optimising customer drawings; producing shielding design and system delivery methods
- Responsible for design and construction of customer sites
- Accountable for the installation of the LIGHT system, all associated services and shielding
- Management of equipment delivery and 3<sup>rd</sup> party contractors
- Liaise with other designers, including architects, to agree on safe designs and their fit with the aesthetic concept of the construction
- Work with geotechnical engineers to investigate ground conditions and analyse results to ensure they meet our specification
- Inputting into customer feasibility studies.

### Product Development

- Liaise with R&D, Engineering and Operations, provide technical expertise, advice and support from an installation perspective
- Work with third party equipment and systems suppliers to ensure cost effective solutions considering tendering, appropriateness, price, quality, lead time and regulatory requirements
- Attending product design meetings and provide installation and service input

### Service support and V&V

- Work as part of the team creating documentation, work instructions, test cases and V&V.
- Support site installation and processes to complete medical device registration.

## Skills/Experience/Education

- Either Degree in Engineering or Service Engineering background
- 5 years' experience gained in a Medical Device commercial environment.
- Extensive experience in the design and management of major and complex infrastructure projects
- Experience of working with radiation and knowledge of safe working practices
- Client focused and able to forge relationships at all levels of communication
- Ambitious to develop and work as part of a multi-cultural and diverse team
- Extensive technical knowledge, including engineering procedures and an ability to work with minimal supervision (technical or managerial)

## Desirable

- Qualification in Project Management, (APM, PPM) with experience in both engineering and commercial project management
- Comprehensive understanding of Medical Device regulatory requirements

## The Candidate

Flexible and dedicated 'completer' with the drive to succeed in a fast moving and challenging environment. To manage complex Proton Therapy installation projects. The ideal candidate will come from either a project engineering background or be a service engineer who wishes to expand their experience into commercial project management. Soft skills to include 'team player', ability to work independently, discretion, confidentiality, people management and communication, flexibility, performing under pressure.

There will be a lot of opportunity to travel so flexibility and adaptability are also required traits.

Applications open 14 May and close on 31 May 2018.  
Apply with CV and covering letter to HR Administrator, Bianca Mercea  
[bm@avoplc.com](mailto:bm@avoplc.com)

For further information, please contact Order Fulfilment Manager, Lee Forrest  
[LF@avoplc.com](mailto:LF@avoplc.com)