Rainford Solutions Case Study - Vanguard® Outdoor Enclosures

On the day the Nobel prize for physics was awarded for work on the ‘God particle’, a theory confirmed by research conducted at CERN, the UK North West based Rainford Solutions celebrated its successful tender win for the supply of its Vanguard® range of outdoor electrical enclosures to be used for further research projects at the European particle physics laboratory near Geneva. The outdoor cabinets will house the monitoring stations which measure the gamma and neutron radiation in the environment in the vicinity of CERN.

“This tender was won against strong European competition validating our technical expertise, responsiveness and an ability to compete on a European level with other technologically advanced companies. We demonstrated the ability to meet all technical requirements of this demanding tender including CERN Safety Rules, European Regulations and a variety of standards regarding resistance to harsh environmental conditions. The scope of our services allows us to enter bids as a single entity allowing better project control and faster response as well as providing CERN with the ability to obtain spares throughout the product lifecycle” comments, Julie Houghton, Marketing Manager at Rainford Solutions.

This recent order is the latest and largest yet for enclosures to be used by CERN. Rainford Solutions has previously supplied enclosures used for a network to distribute data between the CERN facility and academic centres around the world. This time Rainford Solutions will design, manufacture and integrate thermal/power management systems into the enclosures, which will be installed outdoors.

“The success of this tender demonstrates our ability to meet the requirements of technologically advanced projects efficiently and effectively. It further underpins our reputation for understanding clients’ needs and devising a solution which meets the most demanding of criteria” says Duncan Crawford, Finance Director for Rainford Solutions.

Further information

STFC manages the UK subscription to CERN. UK membership of CERN gives our physicists and engineers access to the experiments and allows UK industry to bid for contracts and UK nationals to compete for jobs and research positions at CERN.

STFC funds a number of large international science facilities besides CERN. The STFC Business Opportunities team works to increase the return that the UK gets from tenders and contracts at these facilities by providing free assistance to UK companies and helping them to access tenders at these facilities.

The international laboratories include: CERN in Geneva, Switzerland; ESO in Garching, Germany; ESS in Lund, Sweden; SKA in the UK, South Africa and Australia; European X-FEL in Hamburg, Germany; the ESRF and the ILL in Grenoble, France; and FAIR in Darmstadt, Germany.

If you would like to be alerted to upcoming tender opportunities or to hear about events to connect with the facilities please register with us. Please note we are not involved in the contract opportunities for our national facilities.