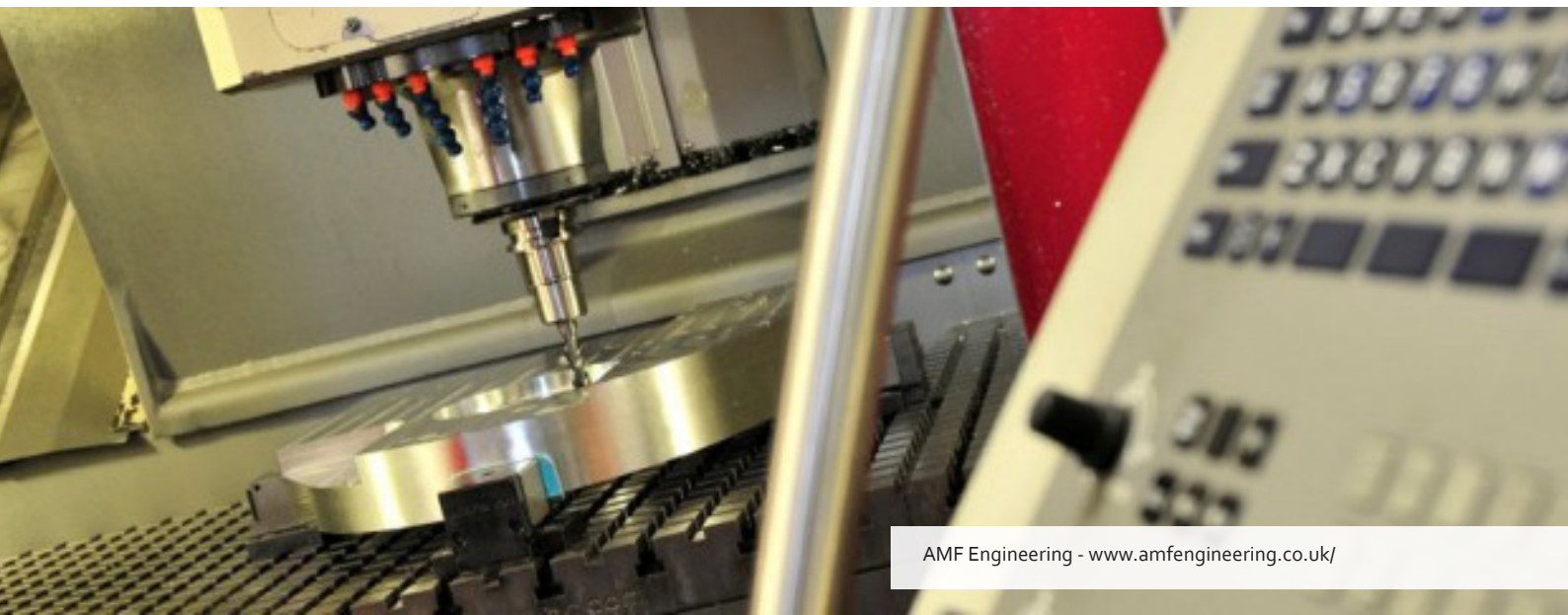


UK company wins contract for the ESRF's upgrade



Science & Technology
Facilities Council



AMF Engineering - www.amfengineering.co.uk/

AMF Engineering has won a contract from ESRF worth €860K; supplying key components for the Extremely Brilliant Source (EBS) project.

AMF will be supplying one of the most important parts for ESRF's new 844m circumference storage ring; the mechanical parts of the longitudinal magnets for the ESRF upgrade's EBS project. The Science and Technology Facilities Council (STFC) manages the UK membership to the ESRF which allows UK companies to bid on projects at the ESRF. In 2012 AMF Engineering were introduced to the ESRF for the first time at an STFC Meet the Buyer event. Since then AMF Engineering have been steadily winning contracts, so far they have had in the region of 20 orders from the ESRF of the value of €150K.

Dean Gibson from the ESRF said: "In 2013 AMF first started working for the ESRF with small machining contracts. Three years on this has evolved into AMF providing the ESRF with real added value services, culminating in this order for 442 mounted and inspected Dipole assemblies for our new storage ring EBS project."

The parts AMF are supplying are key to the new storage ring. The ESRF designed magnets feature a new technology that uses dipoles with longitudinal gradient and permanent magnets which significantly reduces costs as it does not require water cooling or electricity. This new design has the potential to be used in similar facilities around the world. As AMF will gain experience in delivering components for this new design, the contract will position AMF well for future opportunities.

The first factory test for this contract has been approved by the ESRF and AMF will be manufacturing these parts until the final delivery in April 2017. From this contract AMF will gain significant commercial experience, particularly on machining of low carbon steel and producing poles with the correct surface treatment. The contract required a significant investment in new equipment to deliver the components. This investment has increased AMF's capacity for future work which has increased the competitiveness of the company and its commercial offering.

If you would like to hear about events to connect with the facilities or to be alerted to upcoming tender opportunities please register here: <https://tenderopportunities.stfc.ac.uk/>.

“ Here at AMF, we believe that working closely with innovative organisations such as ESRF has always been our strategy to improve our skill sets, invest in cutting edge technology, attract new markets and as a result remaining competitive in this rapidly changing global market place. ”

Kostas Stamatopoulos, Business Development
Manager, AMF Engineering