Tesla Engineering has won €7.8 million worth of contracts from the ESRF as part of the Extremely Brilliant Source (EBS) upgrade project. They are supplying 400 quadrupole magnets and 100 dipole-quadrupole magnets which are essential parts of the new storage ring. Before the contracts were released to tender the STFC Business Opportunities team met with Tesla Engineering to ensure they were aware of the tenders that would soon be released.

The ESRF have been working in collaboration with Tesla on the pre-production phase assisting with the processes and tooling and they will continue to work closely together throughout the contract. Tesla will be using ESRF equipment to complete certain tests before the magnets are shipped to the ESRF.

The ESRF team really appreciate the successful three way collaboration between the STFC, ESRF, and Tesla Engineering Ltd.

Working at the cutting edge of technology with a facility such as the ESRF has led to multiple benefits for Tesla:

• During the contracts they will be putting their 5 axis milling machine into full production allowing them to gain experience and develop their knowledge of the machine;

• The contracts have also allowed Tesla to invest in a new CMM machine that will be used extensively during the contracts;

• The experience they gain from working with the ESRF will also place Tesla well for upgrades at other international facilities.

The benefits of working with the ESRF are not just limited to Tesla; as a direct result of this contract Tesla have recruited a significant number of technicians from the local area.

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