



इलेक्ट्रॉनिक्स कॉर्पोरेशन ऑफ इंडिया लिमिटेड
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PRESS RELEASE

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ECIL signs Tri-partite Contract for supply of Ultra Stable Power Converters to FAIR, Germany

Hyderabad: ECIL signed a Tri-partite Contract with FAIR (Facility for Antiproton and Ion Research), Germany and Bose Institute on 5th May, 2014 at a function held in ECIL, Hyderabad. This contract has been signed by Prof. Dr. Oliver Kester, Head of the FAIR All Accelerator Boards on behalf of FAIR and Shri T.K Ghorui on behalf of Bose Institute and Shri P. Sudhakar, C&MD, ECIL. Prof. K. Vijayraghavan, Secretary, Dept of Science and Technology, New Delhi participated thru video conference. Senior dignitaries from Bhabha Atomic Research Centre (BARC); Bose Institute (BI); FAIR, Germany; Variable Energy Cyclotron Centre (VECC) and ECIL participated in the function.

This is the first of a series of Tri-partite contracts for about 600 converters valued at 9 Million Euro. This is the biggest contract ECIL is executing for supply of Electronic Equipment to a foreign country and to be supplied in the next four years. These converters produce stable magnetic fields in super conducting magnets. These power converters specially developed by ECIL for FAIR, Germany are highly stable with current rating upto 600A and power rating upto 150 KW. They are designed to meet International standards. In addition to manufacturing and supplying this equipment, ECIL has to Install and Commission them in Germany.

Facility for Antiproton and Ion Research (FAIR): FAIR is an international science centre coming up at Darmstadt, Germany for studying the building blocks of matter and the evolution of the Universe. This is a highly sophisticated accelerator complex which will provide high-energy, precisely-tailored ion beams.

FAIR is being built through international collaboration and India is one of the partner. Other contributing nations include Austria, China, Finland, France, Germany, Great Britain, Greece, Italy, Poland, Romania, Russia, Slovenia, Slovakia, Spain & Sweden. India is contributing around 36 M € (Euro) in kind contribution for this programme. It provides a unique opportunity for Indian Scientists, engineers and industry to work in this unique, high technology project.

Bose Institute's Role in FAIR: Bose Institute, Kolkata has been designated as the Indian shareholder in the FAIR Company and the nodal Indian institute for management of FAIR programme from India.

Photo-Captions:(L to R) Prof Dr. Oliver Kester of FAIR, Germany, Shri P Sudhakar, C&MD, ECIL and Shri T.K Ghorui of Bose Institute signing the tri-partite Contract.

