

TCE engineered BALCO Medical Centre inaugurated in Naya Raipur

The BALCO Medical Centre was inaugurated by Chhattisgarh Chief Minister Dr Raman Singh on 25 March 2018 in Naya Raipur the newly founded capital of Chhattisgarh. The hospital is set up by Vedanta Medical Research Foundation (VMRF) with Tata Consulting Engineers as engineering consultants. TCE brought in the partnership of TMC (Tata Medical Centre) as knowledge partners to provide holistic solutions for the project. Speaker of Chhattisgarh Legislative Assembly Gaurishankar Agrawal, Navin Agrawal, Chairman of Vedanta Limited, Chairman of Tata Medical Centre Kolkata Dr Mammen Chandni, Jyoti Agrawal Chairperson Vedanta Medical Research Foundation were among several the dignitaries present at the inauguration. Vikram Bapat, Infrastructure BU Head, TCE received a memento from Ms Jyoti Agarwal

The state-of-art facility is a Greenfield hospital built on an area of about 50 acres. This is a totally integrated facility with TCE providing concept to commissioning services covering architecture, structural engineering, MEP engineering and Project Management Services. The 170 bedded hospital facility is in the process of LEED certification for Gold rating. The facility is complete with rainwater harvesting, zero discharge, solar power and other sustainability features.

The building plan was made on "Safety In Design" (SiD) principles. Completely developed on 3D simulations, the virtual model was used for clash detections of all the utilities on the 3D visualization model framed from REVIT software. TCE provided design and detailed engineering for specialised hospital services in procurement management and commissioning support for medical equipment, IT infrastructure and hospital management systems.



Representative image – External view of hospital



Representative image – Ward



Representative image – Consultant room