

BHEL wins Rs.840 Crore Emission Control equipment order

New Delhi, June 23: Amidst stiff competitive bidding, Bharat Heavy Electricals Limited (BHEL) has won an order for emission control equipment from Nabinagar Power Generating Company Limited (NPGCL) – a subsidiary of NTPC Ltd. Valued at about Rs.840 Crore, the order involves supply and installation of Flue Gas Desulphurization (FGD) system for control of SO_x emissions at the 3x660 MW Nabinagar project of NPGCL in Aurangabad district of Bihar.

BHEL has been a major player in this area for over a decade and was one of the earliest entrants in the Indian market for emission control equipment, having successfully executed FGD system at Tata Power's Trombay Unit 8 in 2008. With this order, BHEL is presently executing FGD systems for 23 units of NTPC and its JVs.

Besides NTPC, several state utilities have also placed orders on BHEL for supplying emission control equipment, while discussions with several other utilities are in progress. Overall, BHEL has contracted FGD orders for 37 units from various customers till date.

BHEL is fully geared to cater to the SO_x control requirements of the Indian thermal power plants. In line with its philosophy of rapid technology assimilation and indigenisation for offering state-of-the-art technology, BHEL has an ongoing technology collaboration with Mitsubishi Hitachi Power Systems (MHPS), Japan, for FGD systems and with HLB Power, Republic of Korea, for Large size Gates and Dampers.

On the NO_x control front also, the company possesses in-house capabilities to supply the technology for reducing NO_x levels through suitable modifications in boilers. In addition, BHEL is also supplying state-of-the-art Selective Catalytic Reduction (SCRs) for higher reduction in NO_x emission and has technology collaboration with NANO Co. Ltd., Republic of Korea, for SCR Catalysts in coal fired power plants. BHEL also has a technology collaboration with Babcock Power Environmental Inc., USA (BPE) for SCR Systems for De-NO_x application.

BHEL's experience of over five decades of installing more than 1,85,000 MW utility sets in India and abroad, backed by its strong engineering credentials, has led various utilities to repose confidence in the company's capabilities to make their power plants compliant with the revised emission norms.

BHEL's plan to indigenously manufacture major equipment for emission control provides a twin boost to the Government's plan of 'Making in India' and its Intended National Determined Contributions (INDC) for limiting the carbon footprint of the nation.
