भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

कॉर्पोरेट संचार
Corporate Communication

PRESS RELEASE

BHEL wins Rs.750 Crore order for Emission Control System

New Delhi, July 18: Amidst stiff competitive bidding, Bharat Heavy Electricals Limited (BHEL) has won an order for emission control equipment from Bhartiya Rail Bijlee Company Limited (BRBCL), a joint venture of NTPC Ltd. and Indian Railways. Valued at about Rs.750 Crore, the order involves supply and installation of Flue Gas Desulphurization (FGD) system at 4x250 MW Nabinagar project of BRBCL in Aurangabad district of Bihar.

BHEL's scope of work includes design, engineering, civil works, supply, erection and commissioning of wet FGD system along with auxiliaries including limestone and gypsum handling system and wet stack on full EPC basis.

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 27 units of NTPC and its JVs.

Besides NTPC, several state utilities have already 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 41 units from various customers till date.

BHEL is a leader in clean power generation from coal with air quality control systems to further lower the emission of the Indian thermal power plants. In line with its philosophy of rapid technology assimilation and indigenization 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 NOx control front also, the company possesses in-house capabilities to supply the technology for reducing NOx levels through suitable modifications in boilers. In addition, BHEL is also supplying state-of-the-art Selective Catalytic Reduction (SCRs) for higher reduction in NOx 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-NOx 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 Nationally Determined Contributions (INDC) for limiting the carbon footprint of the nation.

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