भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

कॉर्पोरेट संचार
Corporate Communication

PRESS RELEASE

BHEL bags Rs.3,500 Crore order for setting up 660 MW Supercritical Thermal Power Plant in West Bengal

New Delhi, December 31: Amidst stiff international competitive bidding (ICB), Bharat Heavy Electricals Limited (BHEL) has bagged a major order for setting up a 660 MW supercritical thermal power plant in West Bengal.
Valued at approximately Rs.3,500 Crore, the order for setting up the 1x660 MW Sagardighi Thermal Power Project Extension Unit-5 at Manigram village in Murshidabad district of West Bengal, has been placed on BHEL by West Bengal Power Development Corporation (WBPDCL).

BHEL's scope of work in the project includes design, engineering, manufacture, supply, erection, testing and commissioning of the Main Plant Turnkey Package, comprising supercritical boiler and turbine generator along with its auxiliaries, electricals, controls & instrumentation, switchyard, flue gas desulphurization (FGD) and selective catalytic reduction (SCR) systems, coal handling plant and ash handling plant.

The supercritical technology based project would significantly contribute to the nation's quest for clean and eco-friendly power and would cut fuel consumption by employing high efficiency equipment working at higher operating parameters. The project will further limit emissions by utilizing state-of-the-art emission control equipment - FGD and SCR systems to capture pollutants like SOx and NOx, aimed at meeting revised emission norms, notified by the Ministry of Environment, Forest and Climate Change.

Significantly, BHEL has so far contributed over 80% of the total coal-based generating capacity of WBPDCL.

The key equipment for the project will be manufactured at BHEL's Trichy, Haridwar, Bhopal, Ranipet, Hyderabad, Jhansi, Thirumayam and Bengaluru plants, while the company's Power Sector - Eastern Region division will be responsible for construction and installation activities on site.

BHEL is the leading power equipment manufacturer in the country with 58 sets of supercritical boilers and 51 sets of supercritical turbine generators ordered on it so far, by various customers in the domestic as well as overseas markets.
BHEL is India's largest manufacturer of power generation equipment with an installed base of over 1,83,000 MW of power plant equipment globally. In the supercritical segment, BHEL has successfully manufactured and executed 660 MW, 700 MW and 800 MW sets, thereby demonstrating its leadership status and technological prowess.

(ROHIT I. SINGH)
SDGM (CC)

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