

BHEL bags EPC order for setting up 2400 MW Supercritical Thermal Power Project in Odisha

New Delhi, January 17: Bharat Heavy Electricals Limited (BHEL) has won a prestigious order, under International Competitive Bidding (ICB), for setting up a 3x800 MW pithead, greenfield Thermal Power Project, on Engineering, Procurement and Construction (EPC) basis, at Jharsuguda District in Odisha. Significantly, this is the largest power sector order won by BHEL through competitive bidding.

Reposing confidence in BHEL's technological and project execution capabilities, NLC India Limited (NLCIL) has entrusted BHEL with the contract for setting up the 2400 MW coal-based thermal power project with supercritical parameters.

The comprehensive scope of the EPC contract includes engineering, manufacturing, supply, erection, and commissioning of crucial equipment such as boilers, turbines, generators, and other auxiliary systems for the 3x800 MW Thermal Power Project. The scope also includes boilers with biomass co-firing capability and highly efficient latest pollution control equipment to control SO_x, NO_x & particulate matter emissions for meeting MoEF&CC guidelines. The project will be commissioned within 64 months. On commissioning, this plant will contribute in meeting the future base load requirement of electricity in the country.

The major equipment will be manufactured at BHEL's Trichy, Haridwar, Hyderabad, Jhansi, Bengaluru, Ranipet, Bhopal, Rudrapur, and Varanasi plants, while the company's Power Sector - Southern Region will be responsible for the civil works, and erection and commissioning of the equipment.

BHEL has a long-standing partnership with NLCIL and has installed a significant 77% of the coal/lignite-based power stations of the Utility, totalling to 3,590 MW. These include lignite-based sets of 125 MW, 210 MW, 250 MW & 500 MW ratings.

BHEL is the largest manufacturer of power generation equipment in the country and has been a major partner in the country's vision to achieve self-reliance in energy. The company is the market leader in both the subcritical as well as the supercritical segments in the country. With this order, BHEL has secured orders for 65 supercritical Steam Generators (SG) and 60 supercritical Steam Turbine Generators (STG) - the highest in the country by any power equipment manufacturer.

BHEL is fully geared to meet India's future growing demand for power equipment with its state-of-the-art technology.
