

02-Jan-2015

BHEL to set up first Supercritical Power Project in Telangana; Bags Rs.38,100 Million EPC contract for 800 MW Power Project

The newly formed state of Telangana has entrusted Bharat Heavy Electricals Limited (**BHEL**) with the setting up of Telangana's first Supercritical Thermal Power Plant. Valued at Rs.38,100 Million, the order for setting up the 1x800 MW Supercritical Thermal Power Plant on EPC (Engineering, Procurement & Construction) basis at Kothagudem in Khammam District of Telangana, has been placed on the company by the Telangana State Power Generation Corporation Limited (TSGENCO). To this effect, an advance cheque of Rs.350 Crore was handed over by the Hon'ble Chief Minister of Telangana, Sh. K. Chandrasekhar Rao to Chairman & Managing Director, **BHEL**, Sh. B. Prasada Rao. With this, TSGENCO has reposed confidence in **BHEL's** proven technological excellence as also its capability in executing power projects of this magnitude on EPC basis. Significantly, the project is targeted to be commissioned in 36 months on fast track basis with both **BHEL** and TSGENCO setting up teams to expedite clearances and execution of the project. **BHEL** has been a long standing partner in the development of the erstwhile undivided state of Andhra Pradesh with 84% of the coal-based power stations having been commissioned by **BHEL**. These plants operated at a high Plant Load Factor (PLF) of 78.1% as against the national average of 65.6%, in 2013-14. Projects equipped with **BHEL** supplied sets, such as Ramagundam, Vijayawada, Kothagudem and Rayalaseema have been consistently winning meritorious awards from the Ministry of Power for outstanding performance. Notably, as a testimony to **BHEL's** capabilities in setting up of power projects as well as the excellent performance of these plants, TSGENCO has entered into an MoU with **BHEL** for construction of new thermal power plants totalling to 6,000 MW in the state in the next three years to meet the increasing demand for power, which has been identified as a crucial factor for the development of the state. To overcome the current uncertainty of coal supply, **BHEL** shall supply its in-house developed fuel flexible Boiler, which is capable of firing the entire range, from 100% Indian to 100% imported mix of coal. This design has been developed by **BHEL** with its vast experience of over five decades of working with various types of coal. This will provide security against variation in design coal and the coal actually available during operation, thereby offering operational flexibility to ensure uninterrupted generation. **BHEL's** scope of work in the project includes design, engineering, manufacture, supply, construction, erection, testing & commissioning of the 1x800 MW supercritical set on EPC basis. The key equipment for the contract will be manufactured at **BHEL's** Trichy, Hyderabad, Haridwar, Bhopal, Ranipet, Bangalore and Jhansi plants, with the company's Power Sector - Southern Region to be responsible for civil works and erection / commissioning of the equipment. This order reinforces **BHEL's** leadership status in the execution of supercritical thermal power projects involving supply of state-of-art equipment, suited to Indian coal and Indian conditions. With this project, **BHEL** has now won orders for supply and installation of 36 supercritical boilers and 31 turbines of 660 / 700 / 800 MW ratings.