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BHEL bags contract for installing 160 MW Combined Cycle Power Plant at Ramgarh in Rajasthan

Bharat Heavy Electricals Limited (**BHEL**) has secured a prestigious contract for setting up a 160 MW Combined Cycle Power Plant (CCPP) in Rajasthan. Reposing confidence in **BHEL**'s proven technological excellence; Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL) has placed a repeat order worth Rs.3800 Million on the company, for setting up a Frame 9E Gas Turbine-based 160 MW CCPP as an expansion project (Stage IV) of Ramgarh power plant in Jaisalmer district of Rajasthan. The order for Stage III of Ramgarh was also earlier placed on **BHEL**. The repeat order for Stage IV is a reflection of **BHEL**'s capabilities and reinforces **BHEL**'s leadership status in the execution of Gas-based Combined Cycle Power Projects. **BHEL**'s scope of work in the present contract envisages design, engineering, manufacture, supply, erection and commissioning of the Main Plant & equipment for the Gas-based power project comprising one Frame 9E Gas Turbine with Generator, one Heat Recovery Steam Generator, one Steam Turbine Generator and Associated Auxiliaries with state-of-the-art Controls & Instrumentation (C&I) system. The equipment for the project shall be supplied by **BHEL**'s Hyderabad, Trichy and Bangalore plants, while **BHEL**'s Power Sector - Northern Region will undertake erection and commissioning of the equipment. **BHEL** has fully established state-of-the-art technology for Gas-based Combined Cycle Power Plants with Gas Turbines of ratings up to 290 MW and Coal-based Thermal sets up to 1,000 MW rating. To meet customer demand, the company has introduced new rating Thermal sets of 150 MW, 270 MW, 300 MW, 525 MW and 600 MW, in addition to 250 MW and 500 MW sets in the sub-critical range. The company has also equipped itself to produce thermal sets with Supercritical parameters of 660/700/800 MW unit ratings, suited to Indian conditions, using Indian as well as imported coal.

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