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BHEL bags Contract for setting up 720 MW Hydroelectric Project in Bhutan

Bharat Heavy Electricals Limited (**BHEL**) has achieved another significant landmark by securing a major contract for the electro-mechanical equipment package for a 720 MW (4x180 MW) Hydroelectric project in Bhutan. The order envisages manufacture, supply, erection and commissioning of the electro-mechanical equipment for the 720 MW Mangdechhu Hydroelectric project. The value of the contract is Rs.5,940 Million plus Balance of Plant on cost plus basis, with which, the total contract value will be in the range of Rs.7,300 Million to Rs.7,500 Million. The project is being set-up under a bilateral agreement between the Government of India, and the Royal Government of Bhutan. The order has been placed on **BHEL** by Mangdechhu Hydroelectric Project Authority (MHPA), Bhutan. Significantly, after Punatsangchhu-I & II projects, this is **BHEL**'s third consecutive contract for the main electro-mechanical package in Bhutan and reflects the customer's confidence in **BHEL**'s technological excellence and capabilities in the execution of power projects of this magnitude. Bhutan is one of the key export territories of **BHEL**, where it has a predominant presence since the last 25 years in the power generation segment. The company has successfully installed its electro-mechanical equipment in Chhukha (336 MW), Kurichhu (60 MW) and Tala (1020 MW) hydroelectric projects in Bhutan. These projects today account for 95% of the total power generating capacity in Bhutan which is a testimony of **BHEL**'s strong presence and acceptability. As a result of installation of these power projects, hydroelectricity is today the single biggest revenue earner of Bhutan. **BHEL** is also currently executing main electro-mechanical packages for 1,200 MW Punatsangchhu-I and 1,020 MW Punatsangchhu-II projects, and transformer package of Punatsangchhu-I project in Bhutan. On commissioning of these projects alongwith Mangdechhu project, **BHEL** supplied electro-mechanical equipment will account for around 4,350 MW in Bhutan by 2017. For the present contract, four Pelton turbines and generators of 180 MW each and associated equipment will be manufactured and supplied by **BHEL**'s Bhopal facility while the Control system will be manufactured and supplied by **BHEL**'s Electronic Division at Bangalore. Significantly, to date, **BHEL** has contracted equipment for about 550 units of hydro power equipment, enabling generation of more than 26,000 MW of power, out of which, equipment for about 5,000 MW generation capacity has been contracted outside India. Besides, Bhutan, **BHEL** overseas hydro installations include projects in Thailand, Malaysia, New Zealand, Taiwan, Tajikistan and Nepal etc. **BHEL** also has on going Hydro projects in Rwanda, Afghanistan, Tajikistan and DR Congo.

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