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## **BHEL wins order for 206 MW Hydro Electric Project in Punjab**

In the face of stiff international competition, Bharat Heavy Electricals Limited (**BHEL**) has secured a prestigious contract for setting up a 206 MW Hydro Electric Project (HEP) in the state of Punjab. Significantly, this is the first major order for electro-mechanical equipment, to be finalised by a Govt. utility company in the current financial year, in the hydro sector. Valued at Rs.3210 Million, the order for setting up of Hydro Generating sets and associated Electro-Mechanical works for the 206 MW Shahpurkandi HEP has been placed on **BHEL** by Punjab State Power Corporation Limited (PSPCL), as its offer was found techno-economically the best. Notably, the bids for the contract were invited by PSPCL through a Global E-tendering process. With this order, the customer has once again reposed confidence in **BHEL's** proven technological excellence and capability in executing such hydro projects. Located in Gurdaspur district of Punjab, in the plains near the Punjab and J&K border, the project shall be constructed on the canal from Shahpurkandi Barrage to Madhopur headworks, downstream of the existing Ranjit Sagar Dam. The water released by Ranjit Sagar Dam shall be utilised for generating power from this project. The project comprises seven hydro generating sets located in two Power Houses viz. Power House-I (3x33 MW) and Power House-II (3x33 MW + 1x8 MW). **BHEL's** scope of work in the contract envisages design, manufacture, supply, installation and commissioning of hydro generating sets and associated electro mechanical works. While the hydro generating sets shall be supplied by **BHEL's** Bhopal unit, the transformers and Control & Monitoring system will be supplied by the company's Jhansi unit and Electronics Division, Bangalore, respectively. The erection & commissioning of the equipment shall be carried out by **BHEL's** Power Sector - Northern Region (PSNR). For PSPCL, **BHEL** is also presently executing the electro-mechanical works for the 2x9 MW Mukerian HEP, wherein bulb turbine generating sets are being supplied. Significantly, **BHEL** has a share of 90% in the present hydro generating capacity of 1,145 MW of PSPCL. So far, more than 500 hydro generating sets of various ratings have been contracted on **BHEL** in India and abroad, with a cumulative capacity of more than 26,000 MW, out of which, equipment for about 5,000 MW generating capacity has been contracted outside India. **BHEL** has been committed to the nation's power development programme and has reaffirmed its commitment to the Indian Power Sector by equipping itself by way of contemporary technology, state-of-the-art manufacturing facilities and skilled technical manpower. Significantly, the company has established the capability to deliver power plant equipment of 20,000 MW per annum.

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