

BHEL secures Rs.736 Crore order for Nuclear Steam Generators

Bharat Heavy Electricals Limited (BHEL) has secured a significant order worth Rs.736 Crore for supply of Steam Generators from Nuclear Power Corporation of India Limited (NPCIL). The order has been received against competitive bidding.

The Steam Generators will be used for a 700 MWe Pressurised Heavy Water Reactor (PHWR) to be installed at Gorakhpur Haryana Anu Vidyut Pariyojna (GHAVP) in Fatehabad district of Haryana. The Steam Generators will be manufactured at the Tiruchirappalli plant of BHEL.

BHEL has been a pioneer in the design and development of Nuclear Steam Generators alongwith NPCIL and has so far supplied 38 Steam Generators for various Nuclear power installations in the country. Currently, BHEL manufactured Steam Turbine Generator sets contribute nearly half of the country's total installed Nuclear power capacity.

Significantly, BHEL is the only Indian company associated with all the three stages of the Indian Nuclear Power Programme - the first stage Pressurised Heavy Water Reactors (PHWR), the second stage Fast Breeder Reactor (FBR) and the third stage Advanced Heavy Water Reactor (AHWR) and has been a partner for over four decades in the development of the indigenous Nuclear Power Programme since its inception.

BHEL has dedicated infrastructure and skilled manpower to address the special design, manufacturing and testing requirements complying with international codes and standards for various components/equipment of a Nuclear power plant. BHEL has proven its capability as a designer and manufacturer of both primary (reactor headers, end shields, etc.) and secondary (turbine, generator, heat exchangers etc.) side equipment for Nuclear power projects.