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Alstom to supply environmental control equipment for NTPC's Vindhyachal super thermal power plant

Alstom, the world leader in air quality control systems, has been awarded a contract by NTPC to provide the Flue Gas Desulphurisation (FGD) system for its 500 MW Vindhyachal super thermal power plant in Madhya Pradesh, India. This project will be the first full scope limestone based FGD for a 500 MW plant in India and the fourth FGD project installation for Alstom in the country. The contract is valued at close to €25 million.

The scope of the contract includes delivery of the wet limestone based FGD system for the 1x500 MW pulverised coal-fired boiler unit on full turnkey basis including designing, engineering, manufacturing, testing, civil works, erection and commissioning.

The Central Pollution Control Board's mandate to improve emission regulations from thermal power plants have prompted thermal power companies in India to adopt measures that include installation of pollution control systems for control of SO₂ emissions.

Patrick Ledermann, Managing Director & Vice Chairman, Alstom India, said: *"As the first full scope turnkey Lime Stone based FGD project in India, this project will be a benchmark installation in India. The FGD will have SO₂ removal efficiency of more than 90% which further reaffirms our commitment towards providing clean power solutions and our growing footprint in air quality control systems."*

Alstom's FGD system is an effective means of preventing atmospheric pollution and removing sulphur dioxide released from coal-fired power plants. Since 1968, Alstom has installed (or are under construction) more than 360 FGD systems for power plants in different parts of the world, corresponding to a total equivalent capacity of about 140 GW of flue gas desulphurisation. Other installed facilities in India include sea water based systems at Tata Power, JSW Ratnagiri and Adani Mundra.

About Alstom

Alstom is a global leader in the world of power generation, power transmission and rail infrastructure and sets the benchmark for innovative and environmentally friendly technologies. Alstom builds the fastest train and the highest capacity automated metro in the world, provides turnkey integrated power plant solutions and associated services for a wide variety of energy sources, including hydro, nuclear, gas, coal and wind, and it offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs 93,000 people in around 100 countries. It had sales of over €20 billion and booked close to €24 billion in orders in 2012/13.



About Alstom in India

Alstom is a global leader in power generation, power transmission and rail infrastructure. Present in India since 1911, Alstom has strong capabilities in engineering, manufacturing, project management and supply of products and solutions for infrastructure. Alstom has four R&D centres in India: Transport in Bengaluru, Hydro Global Technology Centre in Vadodara and Grid R&D centres in Hosur & Padappai. It has two engineering centres for Power in Noida and Kolkata and twelve manufacturing units dedicated to: Power - Hydro in Vadodara, Boilers in Durgapur, auxiliary components and air-pre heaters in Shahabad, Steam turbines in Gujarat, Transport at Coimbatore and SriCity and Grid in Padappai, Pallavaram, Hosur, Vadodara, Naini and Noida.

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