Press Release

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Alstom strengthens Air Quality Control Systems footprint in India with significant orders from two industrial customers

Alstom, a global leader in power generation technology, today announced the award of two contracts in India – one for the supply of a Fume Treatment Plant at National Aluminium Company's (NALCO) Angul plant and the other for the supply of a Stock House Dust Extraction System at Rastriya Ispat Nigam Limited's (RINL) Vizag steel plant. In total, these contracts are worth more than 840 million Indian Rupees (€12 million). Both these orders strengthen Alstom's leadership position as a provider of Air Quality Control Systems (AQCS) for the competitive Indian market.

Alstom's scope of supply for the Fume Treatment Plant at NALCO's Angul plant will include a Gas Conditioning Tower for cooling of the gas followed by the Alstom patented ABART™ Fabric Filter system, ducts, dampers and electrical control systems. Alstom's ABART™ Fabric Filter system is unique because of its integrated reactor, which ensures a perfect mixing of gas and alumina. This system is part of the capital repair plan to reduce the emission of particulates and tar at the plant. Alstom technology was selected thanks to its well-proven and cost effective solution. This order is NALCO's 10th contract with Alstom since 1981 and represents Alstom's continuous ability to deliver quality products for customers as well as good relationships between both companies.

As for the Stock House Dust Extraction System at RINL's Vizag steel plant, Alstom will install a new Air Pollution Control System replacing the existing one with new duct systems, electrostatic precipitator, dampers and electrical control systems. The electrostatic precipitator is featured with Alstom's proprietary Transformer Rectifier and control technology, leading to high removal efficiency, low power consumption and compact layout. The customer specifically chose Alstom due to Alstom's extensive experience in providing customized retrofit solution, seamlessly integrated into the existing production process. When completed, the Alstom system will improve energy efficiency as well as the working environment at the plant.

Francois Carpentier, Vice President, Thermal and Renewable Power, Alstom India said: "We are witnessing sustained growth in the environmental control systems business. These latest contracts are further proof that utilities and industrial customers in India value our world-leading air quality control solutions. Alstom's focus will be to ensure the application of the most effective and efficient environmental control technology for both these plants".

Alstom's ECS business unit in Kolkata will handle the execution activities associated with supply of the Fume Treatment Plant and the Stock House Dust Extraction System. This further demonstrates the strong capabilities of Alstom's ECS operations in India.

To-date, Alstom has installed more than 90 ABART™ Fabric Filter systems and 1100 electrostatic precipitators worldwide.

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About Alstom

Alstom is one of the world's leaders in 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 all thermal (coal, nuclear, gas…) and renewable (hydro, wind, solar…) energy sources. It offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs over 90,000 people in around 100 countries, and had sales of €21 billion in 2010/11.

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. With four R&D centres: Alstom Infosys R&D Centre in Bengaluru, Transport in Bengaluru, Hydro Global Technology Centre in Vadodara and Hosur for Grid, two engineering centres for Power in Noida and Kolkata and eleven manufacturing units dedicated to: Hydro in Vadodara, Boilers in Durgapur, auxiliary components in Shahabad, Steam turbines in Mundra (upcoming) and Transport at Coimbatore and SriCity (upcoming), Grid in Padappai, Pallavaram, Hosur, Vadodara and Naini, Alstom's presence cuts across the length and breadth of India. Alstom also has a Global Engineering & Software Centre for Railway & metro in Bengaluru for Transport.

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