

L&T Press Release

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L&T House, 2nd Floor,
Ballard Estate, Mumbai 400 001
Tel: 91 22 6752 5656 / 836
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L&T Strengthens Ties Further with Chiyoda Corporation

Signs Technical Licence Agreement with Chiyoda Corporation for its Flue Gas Desulphurisation (FGD) Technology

Mumbai, November 8, 2016: Larsen & Toubro (L&T) has signed a long-term “Technical Licence Agreement” with Chiyoda Corporation for its ‘Chiyoda Thoroughbred 121™ (CT-121™)’ Flue Gas Desulphurisation (FGD) Technology. The agreement grants L&T exclusive rights to undertake EPC of CT-121™ FGD Systems.

The new emission norms for coal-based thermal power plants in India, notified vide MoEFCC Gazette dated December 7, 2015, introduced new limits on sulphur dioxide (SO₂) emissions. The move which makes Indian emission norms among the most stringent in the world, has called for mandatory installation of FGD systems in upcoming power plants, including those currently under construction and many that are already operational.

Commenting on the occasion, **Mr. Shailendra Roy, CEO & MD-L&T Power and Whole-Time Director (Power, Heavy Engineering & Defence) - L&T**, said: “As a responsible corporate citizen, L&T is committed to containing emissions and has always complied with the relevant government norms. The agreement with Chiyoda Corporation is yet another major step in that direction.”

Mr. Ryosuke Shimizu, Director & Sr.Vice President (Technology Development, Investment & Project Operations) - Chiyoda Corporation said, “We are very happy to contribute to India’s development of energy and environment in harmony with our own technology.”

The CT-121™ FGD process is a unique technology developed by Chiyoda in which sulphur dioxide is absorbed from flue gas generated by coal-fired, oil-fired and other types of boilers and removed as gypsum. Unlike conventional processes in which the reagent slurry is sprayed on flue gas, the CT-121™ process uses Chiyoda’s unique absorber, the Jet Bubbling Reactor (JBR), in which the flue gas is blown into the reagent slurry, forming a fine bubble bed where SO₂ is absorbed, oxidised by injected air, and then neutralised by ground limestone slurry.

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This technology is highly efficient, enabling low-cost removal of flue gas SO₂. Moreover, it ensures that the plant remains compact and easy to maintain.

L&T and Chiyoda's relationship dates back over two decades with L&T-Chiyoda Limited, a JV that has come to be an internationally reputed design and engineering consultancy organisation catering to the Hydrocarbon sector. Through the signing of this agreement, the two companies have extended their association into the power sector as well.

Background:

Chiyoda Corporation

Chiyoda Corporation, headquartered in Yokohama, Japan having turnover of USD 5.9 Billion, provide services in the field of engineering, procurement and construction for gas processing facilities, refineries, petrochemical plants and other industrial plant projects, particularly for Gas Value Chain Projects, on a global basis. For over 60 years, Chiyoda has constantly leveraged its extensive experience and far-reaching global network to give it an unrivalled advantage.

Larsen & Toubro is an Indian multinational engaged in technology, engineering, construction, manufacturing and financial services with USD 16 billion in revenue. It operates in over 30 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for over seven decades.