

Alstom to provide its train control and signalling solutions for Pune and Mumbai Metro

28 March 2019 - Alstom has been awarded contracts to equip Mumbai Metro lines 2A, 2B and 7, and Pune Metro lines 1 and 2, with Urbalis 400, Alstom's latest generation of Communications Based Train Control (CBTC) technology. The combined value of the two contracts comes to over €90 million.

The contract for Mumbai Metro, awarded by Delhi Metro Rail Corporation Ltd (DMRC), is to provide the CBTC signalling system as well as a state-of-the-art telecommunication system for the three elevated lines. The combined lengths of lines 2A, 2B and 7 make it one of the most extensive signalling projects in the country. The signalling scope includes design, manufacture, supply, installation, testing and commissioning of Urbalis 400 and includes supply and commissioning of on-board equipment for 63 trains. The telecommunications scope includes public address systems, passenger information display systems, fibre optic transmission systems, CCTV, and access control systems.

The contract for Pune Metro, awarded by the Maha Metro Rail Corporation Ltd (MMRCL)¹, will see Alstom provide Urbalis 400 for Corridors 1 and 2, to control 31 trains on the 32-kilometre-long stretch, allowing them to run at higher frequencies and speeds in total safety.

"We are proud to have been selected by our customers for these prestigious projects. Our cutting-edge technologies will help enhance the quality of life of the citizens of both Mumbai and Pune and will contribute to the overall development of the cities. We are also proud to be a key partner, via these projects, in the growth of sustainable transportation in the region," said Alain Spohr, Managing Director for India & South Asia.

Both Mumbai and Pune, located in the state of Maharashtra, are among the fastest growing cities in India and are both grappling with issues related to vehicular traffic, air quality and road safety. The prime objective of Mumbai's lines 2 and 7 is to provide mass transit services to those residing in areas not served by the existing suburban rail network. In Pune, CBTC will significantly boost the metro's ability to mitigate air and noise pollution in the city by offering an attractive mass transit alternative.

Urbalis 400 boasts a proven service record in over 30 cities across the world. Constantly upgraded, the solution aids urban operators in maximizing their performance and capacity while requiring standard interlocking for their operational needs. Designed specifically for heavy ridership metros, the system offers a considerable range of functions that improve headway and average speed performance.

¹ Maha Metro Rail Corporation Limited (MMRCL) is a SPV (Special Purpose Vehicle) between Government of India & Government of Maharashtra.

About Alstom

As a promoter of sustainable mobility, Alstom develops and markets systems, equipment and services for the transport sector. Alstom offers a complete range of solutions (from high-speed trains to metros, tramways and e-buses), passenger solutions, customised services (maintenance, modernisation), infrastructure, signalling and digital mobility solutions. Alstom is a world leader in integrated transport systems. The company recorded sales of €7.3 billion and booked €7.2 billion of orders in the 2017/18 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 34,500 people.

www.alstom.com

About Alstom in India

Alstom has established a strong presence in India. Currently, the company is executing metro projects in several Indian cities including Chennai, Kochi and Lucknow where it is supplying Rolling Stock manufactured out its state of the art facility at SriCity in Andhra Pradesh. In the Mainline space, Alstom is executing Signaling & Power Supply Systems for the 343 Km. section on World Bank funded Eastern Dedicated Freight Corridor. Phase 1 in the construction of the new electric locomotive factory for manufacturing and supply of 800 units of 12000HP locomotives is also complete at Madhepura, Bihar while the depot at Saharanpur, Uttar Pradesh is ready to commence operation. Alstom has set up an Engineering Centre of Excellence in Bengaluru, and this coupled with a strong manufacturing base as well as localized supply chains, is uniquely positioned to serve customers across the globe. Today, Alstom in India employs close to 3600 people and in line with Government of India's 'Make in India' policy initiative, Alstom has been investing heavily in the country in producing world class rolling stock, components, design, research and development to not only serve the domestic market, but also rest of the world.

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