Alstom's largest urban rolling stock order in India Alstom wins major rolling stock contract for Mumbai Metro Line 3

10 September, 2018 - Alstom has been awarded a contract worth approximately €315 million to supply 248 metro cars for Mumbai Metro Line 3 by the Mumbai Metro Rail Corporation Limited (MMRCL). The Mumbai Metro Line 3 is a 33.5-km long underground stretch connecting the busiest and congested regions in Mumbai – one of the fastest growing cities in India. The metro line will connect Cuffe Parade business district in the extreme south of the city to SEEPZ¹ in the north-central with 26 underground and one street-level station. Line 3 will be the first underground metro line in Mumbai and will be one of the biggest underground continuous stretches in India.

This contract is the biggest rolling stock contract for Alstom in India in the urban sector and comprises the design, delivery and commissioning of 31 lightweight, fully-furnished modern passenger train sets of 8 cars each. Alstom will be responsible for training of operating and maintenance staff for Mumbai Metro Line-3 system as well. It is also the first time that the metro cars will have 75% motorization, as stipulated in the MoUD² guidelines, enabling quick acceleration and deceleration thereby bringing about greater efficiency in operations. The trains will be also equipped with regenerative braking system aiding significant reduction in carbon emissions. In addition to the above features, it will be also the first UTO (Unattended Train Operation) project in Mumbai and second in India after Delhi Line L7/8.

While the complete designing and development of the metro cars will be undertaken out of Alstom's Bangalore (India) engineering centre, the 248 metro cars will be manufactured from its state-of-the-art rolling stock manufacturing unit at Sri City in Chennai (India).

Alain Spohr, Managing Director, Alstom India and South Asia said, *"We are delighted to be the partner of choice for the prestigious Mumbai Metro Line 3 project. By providing reliable, advanced and competitive transportation solutions, we are committed to support our customer in easing Mumbai's transport challenges. With the project stipulating 75% manufacturing in India, this contract has further reinforced our commitment to invest, grow and Make in India."*

² MoUD – Ministry of Urban Development – Ministry of Housing and Urban Affairs, Government of India, is the apex body for formulation and administration of the rules and regulations and laws relating to the housing and urban development in India



¹ Santacruz Electronics Export Processing Zone

Mumbai Metropolitan Region is one of the fastest growing regions in India and Line 3 will be a game changer. Connecting Mumbai's key financial hubs such as Nariman Point, Bandra-Kurla-Complex, and CS International Airport, the sub-terrestrial line will provide a muchneeded relief to the strained surface transport network and increase mobility across the region. Alstom has also won the contract to supply power and telecommunications system for Mumbai metro Line 3 earlier this year.

Currently, Alstom 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 Sri City 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 high horse power locomotives at Madhepura in Bihar is complete while the depot at Saharanpur is also ready to commence operation.

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, customized services (maintenance, modernisation), infrastructure, signalling and digital mobility solutions. Alstom is a world leader in integrated transport systems. The company recorded sales of \in 8.0 billion and booked \in 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.

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