

Alstom commences manufacturing of Rolling stock for Mumbai Metro Line 3 (Aqua Line)

Total of 31 metro trainsets comprising of 248 cars will be manufactured at the company's state-of-the-art plant at SriCity

10 December 2019 – Alstom, leader in sustainable and smart mobility, today commenced the manufacturing of metro trainsets for Mumbai Metro Rail Corporation (MMRC) at its factory in SriCity, Andhra Pradesh. The ceremony was preceded by Mr. Alain Spohr – MD, Alstom India & South Asia. The first metro train after testing will be delivered by November 2020.

Alstom's overall contract with MMRC for Line 3 is worth €452 million. The order includes manufacturing of 31 lightweight, fully-furnished modern metro trains of 8 cars each. Along with rolling stock, Alstom will also execute the power supply contract and equip Line 3 with Urbalis 400,

its latest generation of CBTC signalling technology. The scope of the signalling contract includes unattended train operation (UTO), computer-based interlocking and centralised train supervision; an integrated telecom solution comprising of CCTV, passenger information, passenger announcement and Giga bit network; platform screen doors, as well as the electrical and mechanical supervisory control and data acquisition system (E&M SCADA).

Speaking on the occasion, Alain Spohr, Managing Director of Alstom India and South Asia said, "This will be the new face of transportation for the commercial capital of India. Mumbai is a global city and it is set to get a world-class metro experience. The trainsets are custom-designed for Mumbai. Themed on

Dynamic Fluidism that takes inspiration from the city, the train prioritises high interior density layout to maximise space efficiency. The trainsets will be able to accommodate at least 3000 people on a single trip, easing daily commute for Mumbaikars."

He further added, "As announced earlier, we are on track to double our **manufacturing capacity at SriCity – from 240 to 480 trainsets per annum**. The factory is currently executing orders for Chennai Metro, Montreal Metro (Réseau Express Métropolitain) and Mumbai Metro Line 3. Alstom recently won a contract with Sydney's NRT to supply the rolling stock and signalling system for the next stage of Sydney Metro. 23 six-car fully-automated Metropolis trains for the project will be manufactured at our SriCity facility."

KEY FIGURES

€452 million worth of order from Mumbai Metro Line3

248 Metro cars to be delivered for Aqua Line, Mumbai

33.5 kms is the total length of Aqua Line

27 stations (26 underground & 1 at-grade)

The Aqua Line trainsets will feature a host of safety elements including CCTV cameras, smoke detectors, emergency intercoms, fire extinguishers with wider detrainment doors to quickly evacuate passengers in case of an emergency. The inclusive design of trainsets will serve to the differently-abled individuals with ease of travel and includes dedicated space for wheelchair in every car. The overall exterior and interiors of the trainset are inspired by the undying energy of Mumbai and its people who are always on the move and hustle all day long.

Alstom will also train maintenance and operations staff for the project. It is also the first time that any metro train in India will have **75% motorization**, enabling quick acceleration and deceleration thereby bringing about **greater efficiency** in operations. The trains will also be equipped with regenerative braking system aiding significant reduction in carbon emissions. In addition to the above features, it is the first UTO (Unattended Train Operation) project in Mumbai.

About Alstom

Leading the way to greener and smarter mobility worldwide, Alstom develops and markets integrated systems that provide the sustainable foundations for the future of transportation. Alstom offers a complete range of equipment and services, from high-speed trains, metros, trams and e-buses to integrated systems, customised services, infrastructure, signalling and digital mobility solutions. Alstom recorded sales of €8.1 billion and booked orders of €12.1 billion in the 2018/19 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 36,300 people.

Alstom in India

Alstom has established a strong presence in India. Currently, the company is executing metro projects in several Indian cities including Mumbai, 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 Signalling & 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 operations. 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 ~5000 people and in line with Government of India's 'Make in India' policy initiative, the company 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.

www.alstom.com/India

Contacts

Press Contact

Shilpashree.muniswamappa@alstomgroup.com