

## L&T Press Release

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# Dhaka Metro Line 6 (Phase 1) commences operations upon Electrical & Mechanical System commissioning by L&T

**Mumbai, January 5<sup>th</sup>, 2023:** The Transportation Infrastructure Business of L&T Construction successfully commissioned the Electrical & Mechanical System for Phase-1 (11.4 km) of the Dhaka Metro Line 6. Commercial operations of Phase-1 commenced upon achievement of this milestone. This stretch was flagged off by the Hon'ble Prime Minister of Bangladesh, Ms. Sheikh Hasina on December 28<sup>th</sup>, 2022. The 20 km MRTS (Mass Rapid Transit System) Line-6, funded by the Japanese International Cooperation Agency (JICA) is the first ever Metro Rail system in Bangladesh that connects *Uttara* to *Motijheel* in Dhaka. It passes through the busy areas of *Pallabi* and *Mirpur*. Line 6 has 16 stations and a Maintenance Depot.

This project is the first ever 'Integrated E&M Systems works including Overall System Integration' executed by L&T in the Metro domain. The scope involves ballast less track work in the viaduct, ballasted track in the depot, 1500V DC Traction Sub Stations (TSS), DC Overhead Catenary System (OCS), Energy Storage Systems (ESS), Communication Based Train Controls (CBTC) Signaling System, Telecommunication systems and radio communication based on LTE, Automatic Fare Collection system (AFC), Platform Screen Doors, Lifts, Escalators, and overall System Integration. The project also includes EHV cabling, GIS based Receiving Sub Stations (RSS), 33 kV cable ring mains, Auxiliary Sub Stations (ASS) & SCADA systems.

The project also features several state-of-the-art technologies including the Automatic Train Operation (ATO) mode, LTE-based radio communication and an Energy Storage System to utilize regenerative braking. "The project is a reaffirmation of our capability to handle complete Metro System Works including overall integration, and our credentials of being one of the leading railways systems integrators worldwide," said Mr. S N Subrahmanyam, CEO & MD, L&T, about the achievement. "We are confident that this success will hold us in good stead to execute upcoming overseas and domestic projects in this domain."

### Background:

Larsen & Toubro is an Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services. It operates in over 50 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality has enabled L&T to attain and sustain leadership in its major lines of business for eight decades.

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