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# L&T is proud to be involved in building Bangladesh's first MRTS. Dhaka will now have a quick and greener way to commute!



System Works including Overall Systems Integration



Communication Based Train Control (CBTC) Signalling



132 kV GIS based RSS



Ballastless Tracks and 1500 V DC Traction



Automatic Fare Collection



Platform Screen Doors



State of the Art - Operations Control Centre



Trackworks and OCS at Uttara Depot

We, at Larsen & Toubro, connect people to keep the wheels of progress turning. We are proud to be part of the successful completion of the first corridor of Bangladesh's first Mass Rapid Transit System, with joint venture partner, Marubeni Corporation, Japan.

The project that has been funded by JICA (Japan International Co-operation Agency) will provide the residents of Dhaka, a new, quick, comfortable, clean and green way to travel the 20 km stretch between Uttara to Motijheel, with 16 stations en route. We have executed the Track works, Electrification works, Communication Based Train Control (CBTC) Signalling, LTE network & Integration works, bringing to bear our decades of experience of being India's leading technology, engineering, manufacturing, & construction conglomerate and our experience & expertise as one of the foremost builders of metro rail systems, having successfully executed projects in India, Saudi Arabia, Qatar and Mauritius.

On this occasion of Phase 1 Inauguration, from Uttara North to Agargaon (11.5 km), we thank the Government of Bangladesh, DMTCL and all other stakeholders for their continuous support for the successful completion of the project.

## Project highlights

- CBTC Signalling for minimal headways between successive trains to ensure high line capacity to manage peak hour rush
- Ballastless Track Systems for superior ride quality, greater availability, durability & minimal maintenance
- 1500V DC Overhead Catenary System that ensures minimal energy losses and minimal life cycle costs
- Dedicated LTE network for safe and reliable communication network
- Platform Screen Doors ensure Passenger Safety
- User friendly Ticket Vending and rapid ticket validation through Automatic Fare Collection
- A 'Green' MRTS – with Energy Storage from Regenerative Braking and Reuse