

## Metropolitan Commissioner attends first welding of Metro coach manufacturing

Mumbai, July 31, 2019 – The Metropolitan Commissioner Mr.R.A.Rajeev, along with, Mr.Durga Shanker Mishra, Secretary, Ministry of Housing and Urban Affairs (MoHUA) and Mr.Mangu Singh, Managing Director, DMRC, participated in a ceremony to commence manufacturing of coaches for Metro Lines 2A, 2B and 7 at M/s.Bharat Earth Movers Ltd. at Banguluru. M/s.BEML have been awarded a contract of Rs.3015 Cr for manufacturing 378 coaches (Rolling Stock) for Metro Lines 2A, 2B and 7 in November last year. It consists of 63 trains of 6 car configuration. Additional work order of 21 trains (126 cars) is also placed with M/s. BEML for catering traffic considering Metro Line extensions. With this, M/s.BEML gets the largest order for Metro Coach manufacturing in India. The Mockup coach will be ready by September 2019.

### Design of Metro Car for Lines,2A, 2B and 7

MMRDA has adopted New Technologies in Rolling Stock which will not only enhance the functionality and reliability but also make it more sustainable and environmental friendly.

- Metro trains being procured will be of latest technical specifications in country compatible with Communication Based Train Control (CBTC) / Unattended Train Operations (UTO) working environment.
- Coaches will be modern/ light weight/ energy efficient.
- Fully Automatic Driverless Train Operations.
- 3.20 m wide rolling stock with stainless steel body
- Seating arrangement: Longitudinal; 6 coach seating capacity – 334 nos.
- Standing + seating passenger capacity: Crush loading (AW2) - 1660 nos.; Fully loaded/dense crush loading (AW3) - 2092 nos.
- Enhanced regenerative Braking feature for carbon neutrality.
- Energy savvy HVAC system.
- Trains to operate on Single Phase 25kV AC Traction.
- Friendly features for Differently-abled citizen such as wheel chair space, earmarked seats, levelled floor etc.
- Enhanced train safety by Track obstruction monitoring through closed circuit television cameras outside the coaches.
- CCTV Saloon surveillance system for security of lady passengers

## Passenger Safety

- Facilities to permit conversation between passenger and the Train Operator/Operation Control Centre (OCC)
- Public Address and Passenger Information System (PA and PIS)
- Passenger Alarm Devices (PAD/Passenger Emergency Alarm (PEA))
- Automatic Voice Announcement System (AVAS)
- Platform Screen Doors (PSD) to avoid intrusion from platforms.

## Delivery Schedule

Manufacture and Delivery of first Prototype Train Set in Depot is expected by July 2020.

