



P.R.No.101/2023

Date: 07.09.2023

Press Release

**Commissioning of automated concrete distribution system at the casting yard by
Larsen & Toubro**

CMRL is expanding Chennai's Metro network by implementing Phase 2 project. M/s Larson & Tubro the contractor commenced tunnelling works in February 2023 between Kellys and Taramani in Corridor 3 contract TU02. A total of 8 Tunnel Boring Machines will be engaged by Larsen & Toubro in TU02. This contract requires a total of 18000 concrete segment rings. 17100 rings are 1.4m wide, whereas 900 rings are 1.2m wide (for tight curve sections).

Larson & Tubro commenced segment manufacturing in May 2022 after commissioning a tunnel segment casting yard in Vanagaram, Chennai. So far, 4400 rings have been made. Each segment has a unique barcode and an RFID tag for future identification and traceability. Larson & Tubro commissioned an automated concrete distribution system at the casting yard today (07.09.2023).

The system allows for the automated delivery of concrete from the concrete batching plant to the segment moulds, increasing production capacity while minimising man power and carbon emissions. Elematic OYJ of Finland provides this environmentally beneficial technology. Chennai Metro is happy to inform that it is the first project in India to adopt this technique undertaken by the contractor.

This system was inaugurated by Thiru. T. Archunan Director Projects of CMRL in presence of senior officials and staff of CMRL and L & T.

**Issued By: Joint Director / Public Relations Officer
CMRL, Chennai – 600 035.**

