PRE-TENDER CONSULTATION MEETING

Pre-Tender Consultation Meeting

For

Procurement, Supply, Operation and Maintenance of 220 (5-Meter and 6-Meter) Air-Conditioned Electric Buses including Development of Allied Electric and Civil Infrastructure on Gross Cost Contracting Basis

(For First and Last Mile Connectivity Services to Chennai Metro Rail Limited)

03.11.2025,11 AM

Issued by

METROPOLITAN TRANSPORT CORPORATION (CHENNAI) LTD

No.2, Pallavan Illam, Pallavan Salai,

Chennai – 600 002

Introduction:

Metropolitan Transport Corporation (Chennai) Ltd (MTC) is a Government of Tamil Nadu (GoTN) undertaking registered under Companies Act, 1956. It is entrusted with providing city bus services in Chennai Metropolitan Area. MTC currently operates a fleet size of 3436 buses as of 2024 on 659 routes and caters to more than 33.60 lakh passengers daily handling operations through 33 depots.

To strengthen first and last-mile connectivity for Chennai Metro Rail Limited (CMRL) corridors, MTC proposes to induct **220 Air-conditioned electric buses** (comprising 5-meter and 6-meter buses) equipped with modern passenger amenities.

These buses will be operated and maintained under a Gross Cost Contract (GCC) model, supported by suitable electric and civil infrastructure developed at identified depots and parking spaces in coordination with CMRL and TANGEDCO.

In this regard, MTC invites Pre-Tender consultation meeting from reputed, experienced, and eligible firms/OEMs/consortiums for the Procurement, Supply, Operation, and Maintenance of 220 Electric Buses (comprising 5-meter and 6-meter buses) and Development of Allied Infrastructure under GCC model.

Objective of the Pre-Tender Consultation meeting

The objective of this Pre-Tender Consultation meeting is to identify technically and financially capable entities with experience in:

- Design, manufacture, supply, and commissioning of Air-conditioned electric buses (5m and 6m).
- Development of associated electric and civil infrastructure, including charging systems.
- Operation and comprehensive maintenance of e-buses on a Gross Cost Contract model.
- Supporting seamless first and last-mile integration with CMRL's transport network.

Scope of Work - Tentative

Supply of Electric Buses

- Supply of 220 fully built electric buses in 5-meter and 6-meter categories, compliant with the latest Automotive Industry Standards (AIS-052, AIS-038 Rev 2) and FAME-II norms.
- Buses to be equipped with, Air-conditioning, CCTV surveillance, GPS (vehicle location tracking device and emergency button as per CMVR 125H with AIS-140: 2016 Standard), panic buttons, Auto Fare collection system, passengers counting and passenger information systems.
- Minimum on-road range as per operational requirements specified by MTC.
- Adequate passenger Seating capacity (minimum 12+D) suitable for feeder and last-mile routes.

Development of Allied Electric and Civil Infrastructure

- Planning, design, and development of charging infrastructure (slow/fast chargers) at identified depots/locations.
- Installation of charger points, electrical panels, cabling, and related systems for charging operations, including civil works in the charger area.
- Integration of buses with the Command control Centre, which will be monitored and operated by MTC.

Operation and Maintenance

- Deployment of buses on routes identified by MTC for CMRL feeder connectivity.
- Provision of trained drivers, technicians, and depot management staff.
- Comprehensive maintenance of buses, batteries, and charging infrastructure throughout the contract period of **12 years.**
- Ensuring uptime and service quality as per performance parameters prescribed by MTC.
- Driver shall ensure ticket validation by respective Auto Fare collection system.

Contract Model

- The engagement will be under a Gross Cost Contract (GCC) model, wherein the operator will be paid a per-kilometre rate by MTC.
- The rate shall cover capital cost, operation, maintenance, and electric charging infrastructure expenses.
- The proposed contract tenure shall be **12** years, subject to satisfactory performance and conditions defined in the RFP stage.

Technical and Financial Eligibility

These can be discussed with the potential bidders.

Pre-Tender Consultation meeting:

MTC has proposed to conduct a Pre-Tender Consultation meeting to discuss with potential participants and understand preliminary queries regarding this project.

- **Date:** 03.11.2025 (Monday)
- **Time:** 11:00 hrs
- **Venue:** Chennai Metro Rail Limited (CMRL) Office, 12th floor, Meeting Hall: Marutham Chennai

Interested participants are invited to attend for a better understanding of the project requirements.

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