

MUMBAI METRO RAIL CORPORATION LTD
(JV of Govt. of India and Govt. of Maharashtra)

EOI FOR
PROVIDING FEEDER BUS SERVICE TO MUMBAI METRO LINE 3 STATIONS

EOI No. MMRC/Ridership/Feeder-Bus-Connectivity
July 2025

Mumbai Metro Rail Corporation Limited (MMRC)
Hallmark Business Plaza, 8° Floor, Sant Dnyaneshwar Nagar, Bandra East,
Mumbai 400051
www.MMRC.com

Disclaimer

All information provided as a part of this EOI to the prospective Applicants by Mumbai Metro Rail Corporation Limited (MMRC) is subject to the terms and conditions as laid down in this document. The objective of this Expression of Interest (EOI) is to provide information to the interested entities about the opportunity and to facilitate their application for the same. MMRC makes no representation or gives any warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this EOI Document. Each Applicant is advised to conduct its own assessment of the opportunity and obtain independent advice from appropriate sources as deemed necessary. MMRC may, at their absolute discretion, and without being under any obligation to do so, update, amend or supplement the information in this EOI document.

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1. Definitions

Term	Definition
Applicant	Entity submitting Application for grant of permission to operate Feeder Bus service at Metro Line 3 stations in accordance with this EOI
Appointed Applicant	Applicant whose Application has been approved by the Authority
Authority	Mumbai Metro Rail Corporation Ltd (MMRC)
Commissioning of Metro	Date from which commercial operations of station is commenced
EOI	Expression of Interest for providing Feeder Bus Service to Mumbai Metro Line 3 Stations
Memorandum of Understanding (MoU)	Document signed between MMRC and the Appointed Applicant detailing the terms and conditions for the operation of the Feeder Bus service for the trial 3-month period.
Mumbai Metro Line 3	33.5 km underground Metro Line from Cuffe Parade to Aarey in Mumbai
Proposal	Submissions by the Applicant towards this EOI

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2. Letter of Invitation

EOI No: MMRC/Ridership/Feeder- Bus- Service

Sub: Letter of Invitation (LOI) for Applications from interested entities for Providing Last Mile Bus Connectivity To and From Mumbai Metro Line 3 Stations

Dear Sir / Madam,

Mumbai Metro Rail Corporation Ltd (MMRC), a JV-SPV (50:50) of Government of India (GoI) and Government of Maharashtra (GoM) is implementing Mumbai Metro Line 3 which is a 33.5 km underground metro corridor with 26 underground stations and 1 at grade station.

MMRC, in its endeavour to provide last mile bus transport options to its commuters, is seeking strategic partnerships for providing feeder bus services at the Mumbai Metro Line 3 Stations by entering a Memorandum of Understanding (MoU) with Appointed Applicant(s). The eligibility criteria, terms and other provisions have been detailed out under various sections of this Expression of Interest (EOI) document. MMRC shall evaluate all Applications received and sign MoUs with the eligible Applicant (s) as per the outcome of the evaluation of the Application by MMRC as detailed in this EOI.

The EOI document shall be available for free download at the MMRC website. Further updates may be made to this EOI by MMRC from time to time, which shall be updated on the MMRC website.

For further details, you may contact:
Mr. Swetal Kanwalu, DGM (Town Planning),
Planning Dept, MMRC, Hallmark Business Plaza, 8th Floor,
Sant Dnyaneshwar Nagar, Bandra East, Mumbai 400051
Email: swetal.kanwalu@MMRC.com,
Tel: 022-69061355/69

Sincerely,
Sd-
R Ramana
Director (Planning & Real Estate Dev./NFBR)
July 22nd, 2025 | Mumbai

3. Objective of this EOI

3.1 Enhance Connectivity: Ensure seamless integration between metro stations and surrounding neighbourhoods, improving accessibility for commuters.

3.2 Safe & Efficient connectivity: Provide dedicated, safe & secure, punctual and reliable last mile feeder services to the metro Passengers.

3.3 Increase Ridership: Encourage more people to use metro services by providing a variety of "last-mile" transport options, making the system more convenient.

3.4 Reduce Traffic Congestion: Promote public transport usage to decrease reliance on private vehicles, easing traffic.

To meet these objectives, MMRC intends to sign MoU(s) with qualified and experienced operators to plan, operate, and manage multi-modal transport feeder services that will enhance last-mile connectivity to Metro Line 3 stations.

EOI Submission Timeline

SN	Item	Timeline
1	Publishing of EOI	22nd July 2025
2	Submission of EOI	29th July 2025 at 4:00pm
3	Evaluation of EOI	29th to 05th August 2025
4	Letter of Acceptance issued by MMRC	11th August 2025

4. About Mumbai Metro Line 3

4.1 About Mumbai Metro Line 3

a) Mumbai Metro Rail Corporation Ltd (MMRC), a JV-SPV (50:50) of Government of India (GoI) and Government of Maharashtra (GoM) is implementing Mumbai Metro Line 3 which is a 33.5 km underground metro corridor with 26 underground stations and 1 at grade station.

b) Work on the construction of Mumbai Metro Line 3 fast reaching completion and is expected to be fully operational by the 1st week of August 2025.

c) The metro has been commissioned in three phases:

   a) Phase 1: Aarey to BKC in October 2024

   b) Phase 2A: BKC to Acharya Atre Chowk in May 2025

   c) Phase 2B: Acharya Atre Chowk to Cuffe Parade – Scheduled for 1st week of August 2025

d) Salient features of the line:

   a) Train capacity 3,000 passengers (8 cars @ 8 passengers/m2), designed for peak hour peak direction traffic (PHPDT) of 72,000 passengers.

   b) Energy efficient modern rolling stock (25 KV AC traction) with regenerative braking system.

   c) Fully air conditioned

   d) Platform screen doors for passenger safety and energy efficiency.

   e) Communication Based Train Control (CBTC) signalling system for driverless train operations.

   f) Typically 2-level stations provided with escalators & lifts, designed as barrier free access for persons with disabilities.

   g) Automatic Fare Collection (AFC) system that can lead to integrated ticketing.

4.2 Mumbai Metro Master Plan



4.3 Alignment of the Metro Line 3



4.4 Interchanges

i. Metro Line 3 forms an integral part of the Mumbai Metro Master Plan as it provides unprecedented connectivity to Mumbai's business districts as well as major transport hubs in the city:

   a) ~ 30 employment clusters; Government and private offices

   b) ~ 12+ education institutions - schools, colleges & university

   c) ~ 11 major hospitals

   d) ~ 10 major transportation hubs

   e) ~ 25 religious & recreations areas

   f) ~ 3 million population in influence zone

ii. The planned interchanges will allow for unparalleled rapid access to all parts of the city.

   a) Interchanges with operational lines –

      i. Versova-Ghatkopar Line 1 at Marol Naka

      ii. Chembur-Jacob Circle Monorail at Jacob Circle (Acharya Atre Chowk)

   b) Interchanges with upcoming lines –

      i. Andheri West-Mankhurd Line 2B at Bandra Kurla Complex

      ii. Andheri East-Mumbai Airport Line 7A at CSIA T2

      iii. Mumbai Airport-Navi Mumbai Airport Line 8 at CSIA T2

iii. Line 3 also provides rapid connectivity to –

   a) Major transport hubs and transport stations in the city including the CSMT, Churchgate, Mumbai Central (suburban & long distance) train stations.

   b) Business Districts of Nariman Point, Lower Parel, Worli, BKC and SEEPZ

   c) Airport Terminals of T1 (Domestic) and T2 (International)

   d) Retail Malls like Phoenix High Street Lower Parel, Jio World Drive BKC, etc.

   e) Educational Institutions like Jai Hind, KC & HR Colleges at Churchgate, St. Xaviers College at CST, Rachana Sansad, Kalina University, etc.

   f) Tourist & Religious locations like Colaba, Fort, Girgaon, Siddhivinayak Temple, etc.

5. Scope of Work

5.1 Background

Mumbai Metro Line 3 between Aarey and Acharya Atre Chowk is fully operational and the last phase from Acharya Atre Chowk to Cuffe Parade is expected to be operational by 1st week of August 2025.

MMRC intends to enhance accessibility to all the stations by providing Feeder Bus Service to metro stations and promoting public transport usage. In this regard MMRC intends to identify qualified and experienced bus operators to plan, operate, and manage bus feeder services that will enhance last-mile connectivity to Metro Line 3 stations.

Based on the eligibility criteria detailed in this document, MMRCL shall select operators and sign a Memorandum of Understanding (MoU) to provide feeder bus services for a trial period of 3 months. The Appointed Applicants shall identify stations where they would like to operate from, provide operational requirements and MMRC will evaluate the feasibility of the same and where possible provide the required infrastructure. As part of the overall metro station development, MMRC is in the process of implementing Multi-Modal Integration (MMI) plans including street design improvements in the vicinity of the metro stations. These improvements include development of footpaths, landscaping, signage, bus-stops, drop off/pick up bays etc. Based on infrastructure requirements identified by the operator(s), MMRC shall wherever feasible, accommodate these requirements within the MMI. Further information signage / kiosk maybe setup at the metro stations to provide information to commuters about the service. The setting up of these information signage / kiosks will be based on MMRC's sole discretion. For the 3 months period the Appointed Applicant may collect fares from the users and retain the entire proportion of it.

During the 3-month period, the Appointed Applicant(s) and MMRC can evaluate the performance of the feeder bus service and based on the learnings, a detailed proposal to MMRC for permanently providing their feeder services maybe submitted. MMRC shall evaluate the proposals based on the performance of the feeder service based on a set of KPIs and requirements submitted by the Appointed Applicant for making the service permanent.

5.2 Planning and Design

i. Identify stations where Bus Feeder services are to be provided. The Appointed Applicant must identify a minimum 6 stations from where Bus Feeder service shall be provided.
ii. Conduct a demand assessment and route planning for feeder services at the Appointed Applicant 6 Metro Line 3 stations and develop schedules and frequency plans aligned with metro timings.
iii. Identify infrastructure, branding, advertising, IT systems integration and other requirements for operation.
iv. Based on the submissions of the above by the operator, the feasibility shall be determined by MMRC. For the stations (minimum of 3) and routes decided upon by MMRC a detailed strategy, implementation plan, designs and cost estimates for the development of aforementioned infrastructure & systems shall be prepared.
v. Appointed Applicant shall submit proposed fare structure for its operations.
vi. The operations shall ensure accessibility for differently abled passengers.

5.3 Infrastructure and Facilities

i. Based on the approved plans and designs submitted, for the stations identified by MMRC, set up the requisite infrastructure at the approved locations.
ii. Provide and install signage and other passenger amenities as per the approved design and implementation plan.
iii. Secure necessary approvals from BMC, Transport Authority and other relevant agencies as required.
iv. Recommend strategies for integrating the feeder service operation details with MMRC Mobile Application and website. MMRC will attempt to take up integration with Metro Line 3 Application. The Appointed Applicant shall provide all documents, APIs and other technical support to the MMRC IT team in this regard.
v. If the Appointed Applicant requires electricity for its infrastructure, they are required to submit a technical installation & operations proposal for their fixtures including provision for data connectivity which will be vetted by MMRCL and objections if any will be raised with regards to safety, conflict with metro operations, etc., which will have to be accommodated.
vi. The Authority shall provide provisions for electricity from its feeder where possible. Appointed Applicant shall make arrangements to connect to the closest feeder point provided and the internal distribution of the cables/wiring shall be installed by the Licensee at its own cost.
vii. Appointed Applicant shall make all the necessary safety provisions regarding the electricity meter, electric/electronic equipment's and all its electrical connections as prescribed in Annexure 5. Licensee shall be responsible for any damage caused by events such as short-circuits or power failure caused by their voluntary/involuntary actions and the reparations for such damages will be recovered from the Licensee.

5.4 Operations, Safety & Compliance

i. Deploy buses at the designated Metro Station(s) for feeder services, as mutually decided with MMRC, and operate services as per the route operation and deployment plan. The route may require approval of local administration which is the responsibility of the Appointed Applicant. However, co-ordination support will be provided by MMRC.

ii. Ensure that all vehicles deployed meet statutory approval requirements and provide a copy to MMRC whenever requested.

iii. Register fleet used for Last-Mile Connectivity Services with the appropriate authority, as required. Appointed Applicant shall have all licences for operation of the buses are comply with all applicable government laws and regulations related to their operation, maintenance, and management and subsequent revision, if any.

iv. Maintain the fleet and associated infrastructure in excellent working condition. Equip feeder vehicles with a GPS tracking system and ensure that each vehicle is fitted with appropriate fire suppression and first aid kits, in compliance with government rules and local laws.

v. Ensure proper punctuality, vehicle fitness, cleanliness, and hygiene in the operation of the services. For any lapses may MMRC reserves the right to take appropriate action against the Appointed Applicant.

vi. Prominently display the name and contact details of the Service Provider on vehicles and on app and, if applicable, at an appropriate location within the stations, as mutually agreed with MMRC.

vii. Service provider shall deploy a minimum number of vehicles at the stations as agreed by mutual consent and as per the MoU.

viii. Ensure that all drivers and staff possess a valid Aadhaar and driving license (if required) issued by the appropriate authority.

ix. Obtain and maintain police verification and background checks for all staff, including drivers.

x. Ensure that all staff, including drivers, display valid ID cards, and have identification name badges at all times.

xi. Ensure that all staff involved maintain professional conduct and refrain from engaging in any activities or behaviour that may cause inconvenience or harassment to commuters or the general public.

xii. Appointed Applicant shall fully indemnify MMRC on all counts related with regards to the procurement and operation of feeder buses being operated as part of the MoU signed with MMRCL.

xiii. MMRC will not be held liable for any accidents / claims / liabilities / or any criminal proceedings or statutory requirements at any time arising out of operation buses or on account of any act / omission / default on the part of the Appointed Applicant or its non-compliance with the statutory requirements. The Appointed Applicant shall indemnify MMRC in this regard. As a safeguard measure to any possible litigation arising out of accidents / acts / omissions imploding MMRC, the Appointed Applicant shall be required to take adequate comprehensive passenger liability and third party insurance at its own cost.

xiv. In case of breach of any of the terms by the Appointed Applicant or unsatisfactory performance or violations as observed by DMRC during routine inspections, DMRC may withdraw the permissions at any point of time without assigning any reasons

5.5 Fare Collection and Performance Monitoring

i. Collect fares from users, record daily data on the number of vehicles deployed, number of trips & performance, passenger volume distribution across the day, stop alighting/boarding volumes, fare collected. This data shall be shared fortnightly with MMRC in the form of a report.

ii. Ensure adequate signage, timings and information dissemination regarding routes and ticket charges and other relevant information that maybe required by commuters.

iii. Operate a comprehensive grievance redressal mechanism to address complaints from the general public and metro commuters. The same should be displayed on vehicles, app, website or through any other appropriate mode used by the Appointed Applicant.

iv. Availability of services and route information may be displayed at the station and also may be on the MMRC app/web (through an API-based system).

v. Track the punctuality of the operations and take appropriate measure to ensure high level of punctuality and efficiency of operations.

5.6 Statutory Obligations and Restrictions

i. No advertisement/ branding / signage in any format shall be allowed other than the name of the Appointed Applicant and operations related information. BMC levees for advertisement (if any) shall be borne entirely by the licensee.

ii. Comply with all the statutory and other stipulations including but not limited to Labour Laws/Legal/Police/Taxation/Transport laws and regulations and that issued by local authorities and State Government.

iii. The Appointed Applicant shall not park feeder buses at spaces other than designated/ identified parking spaces by MMRC.

5.7 Reporting

i. Submit fortnightly performance reports as described above including ridership, fare revenue generated, and service quality. The format of the same shall be mutually agreed with MMRC at the onset.

ii. Based on the performance MMRC shall determine feasibility for extending the services on a long-term basis.

iii. After 8 weeks of operations, the Appointed Applicant may submit a detailed proposal to MMRC with regards to making the feeder service permanent. The proposal shall include all operational, financial and other details as necessary.

5.8 Facilities to be Provided by MMRC

i. Based on Appointed Applicant's request, MMRC may spare electricity load, subject to feasibility / availability, for setting up kiosk. For the purpose, the Appointed Applicant shall be required to tap the electricity from the MMRC's Distribution Board / point and the Appointed Applicant has to bear all costs related with provision of electricity supply or its augmentation. The provision of electricity shall be on chargeable basis as detailed in Annexure 5.

ii. Use of MMRC name and MMRC's registered logo Appointed Applicant's vehicles may be permitted, following request specifically made by Appointed Applicant and approved by MMRC.

iii. Space at metro stations MMI area for halting and pick up and drop off passengers.

iv. No funding (partial or full) shall be provided by MMRC for procuring and operating of the buses as part of this MoU.

5.9 Timeline

SN	Item	Timeline
1	Planning & Design	11th August to 18th August 2025
2	Signing of MoU	11th July to 18th August 2025
3	Implementation of Designs	18th August to 30th August 2025
4	Operations	1st October 2025
5	Review of operations and discussing strategy for long-term arrangement	1st October 2025

6. Eligibility Criteria

6.1 Applicant should be a company incorporated under the Companies Act 1956 / 2013 or any other legal entity as per Indian law.

6.2 In all such cases where the Applicant submits the technical credentials of its holding entity, the Applicant shall submit such parent's audited financial statements and the shareholding details of the Applicant along with the undertaking from the Parent Entity.

6.3 Applicant or any of its immediate / ultimate parent entity should not have been debarred/blacklisted from participating in tenders with any of the following authorities:

i. MMRC or any other Metro / Railway Organisation in India

ii. Any Planning Authority in Maharashtra including MMRDA, MCGM, etc.

iii. Any Central or State Ministry or Department in India

iv. The Applicant shall make this declaration in its Application Letter as per the prescribed format

v. In case at a subsequent date, the successful Applicant is found to be debarred, Authority shall have full rights to terminate the MoU.

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Eligibility	Description	Documentary Proof Acceptable
Technical Eligibility Criteria	• Applicants should be in the business of providing and operating buses for public transport anywhere in India for at least 01 Year.	• For companies incorporated in India, Certificate of Incorporation/ Registration under Companies Act 1956 / 2013 or Partnership Firm registered under the LLP Act. • Company presentation with an overview of the organisation, its businesses and type of transport service it provides. • All documents to be self certified by the authorised signatory.
	• Minimum current overall fleet size: 100 buses under operation with a capacity of greater than 20 persons. • Fleet available for immediate deployment in Mumbai: Minimum of 10 buses with a capacity of greater than 20 persons. • Licence from Road and Transport Office, Govt of Maharashtra (RTO) and/or any other relevant government authorities to operate in Mumbai	• Self-certified letter providing details of how technical experience criteria is being met.

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7. Application Procedure

7.1 The Applicant shall make a request on its letter head in the Application format specified in the Annexure via physical letter.

7.2 The Applicant shall bear all costs associated with the preparation and submission of its Application and subsequent correspondences, and the Authority shall not be liable for those costs, regardless of the conduct or outcome of the evaluation process.

7.3 The information published in the EOI document will form the basis for evaluation of the Application of the Interested Parties. The Interested Parties shall abide by the instructions given in this EOI document. The Application shall comprise all the documents and forms listed in the submission guidelines.

7.4 The Application and all the related correspondence and documents shall be written in English language only.

7.5 Application shall be signed by the authorised Signatory of the Applicant.

7.6 The Application form along with required documents as specified in the EOI shall be sent to the following address: c/o Mr. Swetal Kanwalu, DGM (Town Planning), Planning Dept, MMRC, Hallmark Business Plaza, 8th Floor, Sant Dnyaneshwar Nagar, Bandra East, Mumbai 400051 Email: swetal.kanwalu@MMRC.com, Tel: 022-69061355/69

7.7 Any queries pertaining to the EOI document shall also be sent at the above address. MMRC shall endeavour to respond to the questions raised or clarifications sought by the Applicants. However, MMRC reserves the right not to respond to any question or provide any clarification, in its sole discretion, and nothing in this Clause shall be taken or read as compelling or requiring MMRC to respond to any question or to provide any clarification.

7.8 MMRC may, for any reason, whether at its own initiative or in response to clarifications requested by an Applicants, modify the EOI by the issuance of Addenda.

7.9 MMRC shall, in its sole discretion, be entitled to modify any timelines with respect to the Selection Process. Any Addendum thus issued hereunder shall be hosted on the MMRC Website (www.mmrcl.com). Applicants are encouraged to check the MMRC website from time to time for the latest information published by MMRC relating to the EOI.

8. Evaluation of Application

8.1 The Authority's evaluation committee shall evaluate the Application along with all the requisite documents.

8.2 Conditional Proposals shall be rejected outright by the Authority.

8.3 The Authority shall evaluate all Applications received and grant the License to the eligible Applicant on first-cum first-serve basis.

8.4 Further, in the event of the Appointed Party withdrawing its Application or not being Appointed Applicant for any reason in the first instance for the License, the Authority without being under any obligation to do so, may at its sole discretion, blacklist the Appointed Party which has withdrawn its Application.

8.5 The Authority reserves the right to reject any/all Applications or withdraw the EOI at any stage without assigning any reasons whatsoever. Nothing contained herein shall confer a right upon an Applicant or any obligation upon the Authority.

8.6 The Applicant hereby voluntarily and unequivocally agrees that the Authority shall not be under any obligation or be liable for any acceptance, rejection or annulment of any/all Applications and the Applicant shall not seek any claims, damages, compensation or any other consideration whatsoever on this account, from the Authority.

8.7 The Appointed Applicant after signing of MoU shall perform its obligations as per the terms and conditions set forth therein, failing which it shall be construed upon as the Appointed Applicant has defaulted in honouring its obligations. MMRC maybe debar/blacklist such Applicant's from having dealing with the Authority either permanently or for the period as shall be decided by the Authority.

9. Other Terms and Conditions

9.1 General Terms

9.1.1 Appointed Applicant shall be responsible to obtain any / all permissions from all other concerned agencies, wherever required.

9.1.2 MMRC shall not be held responsible for any liabilities, bodily injuries, deaths, losses, lawsuits, claims, demands, fines, damages, costs and expenses (including all costs for investigation and defence, and expenses including legal fees thereof) which are caused by the actions of the Appointed Applicant organisation and / or by any participant during the normal course of operations or installation. The Appointed Applicant shall maintain third party liability insurance

9.1.4 The Operator shall, at its own cost and throughout the duration of the MoU, maintain in full force and effect a valid third-party liability insurance policy. The policy shall provide coverage for all sums which the Operator may become legally liable to pay as damages to third parties arising out of or in connection with the operation of its bus services, including but not limited to bodily injury, death, and property damage. The Operator shall furnish MMRC with a copy of the insurance certificate and policy document within 7 days of the signing of the MoU.

9.1.3 If any damage is caused to the structures, fixtures, or infrastructure owned or managed by MMRC and is attributed to the Appointed Applicant as determined by MMRC, the Appointed Applicant shall be responsible for bearing the entire cost of the replacement/restoration works. In this regard MMRC shall raise a written claim detailing such damages, and the Appointed Applicant shall pay the full cost of repair, replacement, or restoration as determined by MMRC within 7 calendar days of the claim being raised. Failure to comply with this obligation shall constitute a material breach of the MoU, entitling MMRC to pursue all available legal remedies, including but not limited to termination of the MoU.

9.2 Corrupt & Fraudulent Practices

9.2.1 The Appointed Applicant and their personnel shall observe the highest standard of ethics during the Application process and must not indulge in any corrupt or fraudulent practice defined here under:

i. ‘Corrupt practice’ is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party.
ii. ‘Fraudulent practice’ is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead a party to obtain financial or other benefit or to avoid an obligation.
iii. ‘Collusive practices’ is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party.
iv. ‘Coercive practices’ is impairing or harming or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party.

9.3 Termination

9.3.1 Either party may terminate this MoU with prior 10 days written notice to the other party. MMRC may issue a notice of termination to the Appointed Applicant on account of poor performance in providing agreed services or non-compliance in attending complaints pertaining to the services agreed by it. In case, if the notice of termination is issued by the Appointed Applicant, it shall be liable to provide the feeder Services and abide with the terms and conditions of the MoU during the said notice period.

9.3.2 In case of breach of any terms and conditions stipulated the MoU by the service provider, MMRC shall have the right to terminate the MoU provided that before such termination, MMRC shall issue notice to service provider informing its intent to terminate the MoU and grant 7 Days' notice to the service provider to cure the default and may after expiry of 7 days, terminate the MoU.

9.3.3 In case of Termination or banning the services, then service provider will provide the evidence of removal of stickers from all the feeder vehicles deployed for MMRC. Legal action may be initiated, if stickers/ branding with MMRC name or logo are misused after termination of the MoU.

9.3.4. In case of poor performance and/ or non-adherence to terms of the EOI and MOU, MMRC may withdraw permission granted to the Appointed Applicant at any point of time without any liability for claim or compensation.

10. Arbitration

10.1 Negotiation and Amicable Settlement:

In the Event of any dispute in connection with or arising out of this Event between the parties (disputes), the parties shall firstly attempt to amicably resolve such disputes through negotiations and discussions at the highest level.

10.2 Adjudication:

If any dispute between the parties is not resolved through negotiations and amicable settlement, either party shall give notice in writing to the other party of its intention to refer such dispute to Adjudication. The sole-member Adjudicator shall be nominated by the Managing Director of MMRCL at his discretion. The Adjudicator may also be an officer of MMRCL, not below the rank of General Manager, but one who has not dealt with the subject contract or disputed matter. The remuneration of the Adjudicator shall be fixed by the Managing Director of MMRCL and shall be shared by both the parties. The Adjudicator shall reach a decision within 30 days, or such period as agreed between the parties from the date of reference of the dispute. If either party is dissatisfied with the Adjudicator's decision, then the party, on or before 30 days on receipt of such decision, shall notify the other party of its dissatisfaction, and its intention to refer the dispute to Arbitration, failing which the decision of the Adjudicator shall be final.

10.3 Arbitration:

10.3.1 The dispute so referred shall be settled by Arbitration and the parties agree on the following procedure for appointing the Arbitrator:

The dispute shall be referred to a sole-member Arbitral Tribunal. Such sole-member shall be nominated by the party seeking arbitration from the List of Arbitrators, maintained by MMRCL, consisting of independent persons to be nominated as Arbitrators, who shall meet with the requirement relating to the independence or impartially of arbitrators referred to in the Fifth and Seventh schedules, read with Section 12, sub-sections (1)(a), (b) and (5) of the Arbitration and Conciliation Act, 1996 as amended by the Arbitration and Conciliation (Amendment) Act 2015.

If the party seeking Arbitration is the Applicant, such proposal shall be addressed to MMRCL and MMRCL shall, within 15 days from the date of receipt of such proposal, send the list of Arbitrators maintained by MMRCL to the Applicant. The Applicant shall nominate an Arbitrator from the list within 15 days from the date of receipt of the list from MMRCL. If the party seeking Arbitration is the Applicant, it shall forward such proposal to MMRCL along with the nomination of an Arbitrator from the list referred above.

Annexure 1: Application Letter

< to be submitted on Applicant's letterhead >

To,
Director (Planning & Real Estate Dev./NFBR),
Mumbai Metro Rail Corporation Limited (MMRC),
Hallmark Business Plaza, 8th Floor, Sant Dnyaneshwar Nagar,
Bandra East, Mumbai 400051

Sub: Application towards EOI for Providing Feeder Bus service at Metro Line 3 Stations

Sir,

Being duly authorised to represent and act for and on behalf of ……
(the 'Applicant'), the undersigned hereby submits our Application for Providing Feeder Bus service at Metro Line 3 Stations, according to the terms and conditions of this EOI.

MMRC's representatives may contact the following for further information:
Name & Designation: ……
Phone & Email: ……

This Application is made with full understanding that MMRC reserves the right to reject or accept any / all Applications and / or cancel the EOI, for which MMRC shall not be liable nor under any obligation to inform the Applicant of the same.

We, the undersigned, declare the statements made and the information provided in our Application Letter are complete and accurate. We confirm that we have read, understood and accepted the terms and conditions of this EOI. We undertake that we are not debarred by any of the central or state government bodies as listed in this EOI in terms of participation in any public tender or agreement.

Sincerely,

Name, Designation & Sign of authorised signatory:

Name & Seal of Applicant:

Date & Place:

Enclosures:

SN	Document Checklist	Enclosed with the Application Letter (tick)
1	Application letter	
2	Space, Utility & Operation details and requirements	
3	Power of Attorney or Board Resolution in favour of authorised signatory	
4	Indemnity Bond	
5	Self certified undertaking detailing history of debarment / blacklisting	
6	Company Incorporation Certificate	
7	Company Brochure	
8	Technical Eligibility	
9	Self-attested with seal EOI document with full signature on first and last page and initials on all other pages	

Note: < not to be printed on the Application letter >

i. The Application Letter along with relevant enclosures shall be sent to the following address: Mr. Swetal Kanwalu, DGM (Town Planning), Planning Dept, MMRC, Hallmark Business Plaza, 8th Floor, Sant Dnyaneshwar Nagar, Bandra East, Mumbai 400051 Email: swetal.kanwalu@MMRC.com, Tel: 022-69061355/69

Annexure 2: Space, Utility & Operation details

Specify your requirements below –

Head	Remarks
Operation requirements required from MMRC (electricity, branding, parking space etc.)	
Stations interested in for starting operations	
Any other requirements to initiate operations	

Annexure 3: Power of Attorney

< To be executed on Non-Judicial Stamp Paper of appropriate value as prescribed by the Stamp Act of the respective State in which this document is executed (but not less than Rs.500) and duly notarized >

Know all men by these presents, we, <name of firm and address of the registered office> do hereby constitute, nominate, appoint and authorize Mr. / Ms. <name of person> son / daughter / wife of _____ and presently residing at _____, who is presently employed with us and holding the position of <designation> as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Bid / Proposal towards Request For Proposal no. MMRC/Ridership/Feeder- Bus- Service EOI dated 22nd July 2025 for "Providing Feeder Bus service at Metro Line 3 Stations" , including but not limited to signing and submission of all applications, Bids / Proposals and other documents and writings, participating in pre-bid and other conferences and providing information/ responses to the Authority, representing us in all matters before the Authority, signing and execution of all contracts and undertakings consequent to acceptance of our Bid / Proposal and generally dealing with the Authority in all matters in connection with or relating to or arising out of our Bid / Proposal for the said Tender / Project and/or upon award thereof to us till the entering into of the Agreement with the Authority.

AND whereby we agree to ratify and confirm and do ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, …….. THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS <date> DAY OF <month>, 2025.

Date & Place:
For _____
(Signature, name, designation and address of the person authorised by Board Resolution)

Accepted:
(Signature, name, designation and address of the Attorney)

Notes:

1) The Applicant shall submit a Power of Attorney or Company Board Resolution in favour of the authorised signatory which should specify that the signatory is authorised to submit Applications or execute contracts on behalf of the Applicant.

2) The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under common seal affixed in accordance with the required procedure. The Power of Attorney should be executed on a non-judicial stamp paper of Rs. 100 and duly notarised by a notary public.

3) Wherever required, the Applicant should submit for verification the extract of the charter documents and other documents such as a resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.

4) For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued. However, Applicants from countries that have signed the Hague Legislation Convention 1961 need not get their Power of Attorney legalised by the Indian Embassy if it carries a conforming Apostille certificate.

Annexure 4: Indemnity Bond

< to be submitted on non-judicial stamp paper of Rs 100 duly notarized >

This Indemnity is made and executed at on this [*] day of [*] 2025 by M/s [name of firm] represented by [name of representative], its [designation], having its administrative office at [*] hereinafter referred to as the INDEMNIFIER – LICENSEE;

IN FAVOUR OF Mumbai Metro Rail Corporation Ltd (MMRC) hereinafter called INDEMNIFIED – LICENSOR;

Towards its EOI for "**Providing Feeder Bus service at Metro Line 3 Stations**".

The terms "INDEMNIFIER-LICENSEE" and the "INDEMNIFIED – LICENSOR" unless repugnant to the context shall mean and include legal representatives, successors, executors and administrators.

I hereby irrevocably agree to indemnify and protect MMRC from and against all claims and proceedings, actions, suits, claims, damages, losses, expenses and demands of every nature and description, by reasons of any act or omission by myself or by my representative or by my employees in the execution of the License Agreement. This indemnification obligation includes but is not limited to claims, damages, losses, damage-proceedings, charges and expenses which are attributable to -

a. Sickness or disease or death or injury to any person, and

b. Loss of, or damage to, or destruction of any property including consequential loss or use, and

c. Loss or damage or costs arising from the carriage of materials of any subcontractor or any third-party

All sums payable by way of compensation under these conditions shall be considered reasonable compensation payable to MMRCL without reference to actual loss or damage sustained and whether or not any damage shall have been sustained. The decision of MMRC as to compensation claimed shall be final and binding.

IN WITNESS whereof, the Licensee have put their signatures in the presence of the witnesses.

(Name, signature, seal, date and address of Licensee)

Two Witnesses' Signature Name and Address

Annexure 5: MMRC E&M Policy

RULES AND GUIDELINES FOR RELEASING E&M (Electrical, VAC & Fire safety) SERVICES

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Mumbai Metro Rail Corporation Ltd.

R.K. singh
Sr. DGM/TUE

Kamaljeet Saluja
Addl. GM/EM-3

Dr. Vishwas Ajnalkar
Addl. GM/EM-2

List of Annexure

1.	Format of Application of Power supply	Annexure-A
2.	Electrical Installation Test Report	Annexure-B
3.	Technical Specifications & Guidelines	Annexure-C
4.	Technical Specifications for Air Conditions works	Annexure-D
5.	Fire and Electrical Inspection report	Annexure-E
6.	Declaration	Annexure-F
7.	Declaration	Annexure-G
8.	List of Applicable charges	Annexure-H

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List of Abbreviations/Definitions

Sr. No	Abbreviations/Definitions	Description
1.	MMRCL/MMRC	Mumbai Metro Rail Corporation Limited
2.	DG	Diesel Generator
3.	UPS	Uninterrupted Power Supply
4.	O&M	Operation and Maintenance
5.	FRLS	Fire Retardant Low Smoke
6.	LSZH	Low Smoke Zero Halogen
7.	UG	Underground
8.	Licensee/Bidder	one who has been given limited permission to use or occupy part of station premises as approved by MMRCL
9.	EHV	Extra High Voltage
10.	LV	Low Voltage
11.	HV	High Voltage
12.	GIS	Gas Insulated Substation
13.	MERC	Maharashtra Electricity Regulatory Commission
14.	AHU	Air Handling Unit
15.	FCU	Fan Coil Unit
16.	CSAHU	Central Station Air Handling Unit
17.	AC	Air Conditioner
18.	VRV	Variable Refrigerant Volume
19.	BTU	British Thermal Unit
20.	TR	Ton of Refrigeration
21.	NOC	No Objection Certificate
22.	MFS	Mumbai Fire Services
23.	MFB	Mumbai Fire Brigade
24.	FACP	Fire Alarm Control Panel
25.	SCR	Station Control Room
26.	NBC	National Building Code
27.	NFPA	National Fire Protection Agency
28.	FS	Fire Survival
29.	THD	Total Harmonic Distortion
30.	IE Rules	Indian Electricity Rules
31.	IE Act	Indian Electricity Act
32.	TOD	Time Of the Day
33.	FRLSZH	Fire Retardant Low Smoke Zero Halogen
34.	RCCB	Residual Current Circuit Breaker
35.	MCCB	Molded case Circuit Breaker
36.	MCB	Miniature Circuit Breaker
37.	DB	Distribution Board
38.	SPDB	Small Power Distribution Board
39.	BIS	Bureau Of Indian Standards
40.	ERC	Electricity Regulatory Commission
41.	MML-3	Mumbai Metro Line -3
42.	Designated supply point	Depending upon the station and floor level may be a tapping, panel, distribution board and can be verified before applying the connection.
43.	VAC	Ventilation and Air Conditioning

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RULES AND GUIDELINES FOR RELEASING E&M (Electrical, VAC & Fire safety) SERVICES

1. Electric power required for commercial activity within footprint of metro station is required to be sourced from existing available source of MMRCL at station; availing power supply from outside agencies in MMRCL is not permitted. The disbursement of power at different stations shall be dealt with individually under separate connections.
2. The power supply connection released for commercial activity shall be from the available MMRCL power network, which is reliable having adequate redundancy. DG supply will not be made available. The power fed shall be from normal source without backup network, Licensee/Bidder may however, provide UPS / Inverter at their cost if they so desire, but DG shall not be allowed. Licensee/Bidder shall seek prior approval for technical specification of UPS from MMRCL.
3. MMRCL will attempt to provide electricity at the point nearest to location after getting application as per **Annexure-A**; licensee/Bidder is required to undertake electrical work for extension of power from nominated source and as per cable layout plan released by Electrical O&M at the time of load sanction under MMRCL supervision and complying all codal provisions listed under MMRCL specifications as per **Annexure-C**.
4. Licensee/Bidder shall pay an interest free refundable electricity consumption deposit of **Rs.15,000/- per KVA** for sanctioning of electricity load as per requirement in the form of bank guarantee/e-pay/DD mode and no interest shall be paid by MMRCL on this deposit. A non-refundable one-time electrical supervision charges of **Rs.15,000/- (Fifteen thousand rupees) per energy meter** + GST as applicable shall be paid to MMRCL by the licensee/Bidder.
5. MMRCL provides power supply (Temporary) up to designated supply point on chargeable basis subject to completion of following work by the Licensee/Bidder -
   - In order to avail the temporary supply, the Licensee/Bidder shall give written request to Electrical O&M through concerned controlling department. MMRCL shall provide a Temporary Load of minimum 1KVA or up to 2 KVA for every 100 sqm or proportionate with respect to of leased area. If the Licensee/Bidder desires to have excess load than specified above then excess power of up to 10 KVA may also be granted with the prior approval of Electrical/O&M.
   - Supply and laying of cable including end termination & switchgear of suitable size (rating suitable for allowable electric load) FRLS cable of copper conductor for Elevated/At-Grade section and FRLSZH cable of copper conductor for UG section (from the nominated source to nearest point) as per standard specifications. However, at certain

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locations, already provisions with suitable rated cables and Isolator are provided near to the location, which can be verified by the Licensee/Bidder during his site visit before bidding.

- Licensee/Bidder shall bear the cost of supply and fixing of meter box, energy meter with all necessary electrical safety equipment at designated supply point. Licensee/Bidder shall extend power supply from this Meter box at his own cost and work will be done by electrical contractor having a valid Electrical contractor certificate issued by Govt. of Maharashtra and shall provide installation test report as per **Annexure-B**. Please find attached list of approved makes and specifications to be complied for carrying out electrical works inside leased premises, **Annexure-C**.

Temporary Power supply for fitment of leased area:

a) If licensee/Bidder desires, they may seek an electrical connection for carrying out fitment of leased area only for fitment period up to 60 calendar days and shall not be allowed to start commercial activity/sale on temporary connection. At the request of licensee/Bidder, electrical O&M shall permit temporary electricity connection for fitment period. The electricity supplied during the period shall be charged as per the prevalent DISCOM guidelines for charges pertaining to temporary supply along with MMRCL fixed electrical asset operation and maintenance charges as mentioned in **Annexure-H** and shall be revised time to time.

b) Licensee/Bidder shall complete all the electrical works in all aspects, electrical and fire safety compliances within fitment period of up to 60 calendar days on approved temporary load. In case required, Licensee/Bidder must seek with detail reason at least seven days before the end of fitment period for extension of time for completion of all electrical works(including safety compliances). The Licensee/Bidder shall also propose the plan of action for completion of all electrical works (including safety compliances). Such extension of time shall be at sole discretion of MMRCL with or without Penalty on case to case basis.

c) Any extra load sanctioning required for Licensee/Bidder shall be dealt in a way as given for extension of time as per para b) above.

6. **Procedure to convert temporary supply connection to permanent supply connection**:

The permanent load shall be supplied normally at the rate of **0.2KVA/sqm of space licensed out in case of Underground station and 0.5KVA/sqm in case of At-Grade station**. However, Minimum load to be given shall be 1 KVA. The excess power if required may be granted/sanctioned subject to availability of spare load with MMRCL.

a) The temporary supply connection may be converted to permanent supply connection at the request of Licensee/Bidder, subject to compliance of following:

b) The load shall be given after ensuring all safety compliance and completion of electrical and fire safety works as per **Annexure-E** in leased premises in all respect i.e., complying to the necessary stipulations as specified in these documents, other relevant contract documents, applicable standards and ensuring that work executed by Licensee/Bidder is aesthetically pleasant.

c) Format of application for electric connection and lists of documents required is attached at **Annexure-A & Annexure-B .**

d) Licensee/Bidder shall select the electrical equipment in such a way that the harmonics generated due to the same and measured at metering point of individual Licensee/Bidder is maintained below 5%.

e) The work executed by Licensee/Bidder shall be inspected by MMRCL representative for ensuring compliance of specifications / stipulations of **Annexure-E**.

7. TARIFF for Permanent Supply: Rate of electricity shall be charged from Licensee/Bidder which is applicable for concerned DISCOM from where MMRCL is sourcing power along with MMRCL's fixed electrical asset operation and maintenance charges on energy consumption bill as mentioned in **Annexure-H** and shall be revised time to time.

8. Licensee/Bidder has to operate and maintain entire electrical system under its jurisdiction i.e. entire electrical power system downstream from installed energy meter of Licensee/Bidder including meter in line with good maintenance practice to maintain entire system in safe & working condition. Licensee/Bidder has to ensure that all the electrical work done within the Licensee/Bidder premises including wiring, power outlets and gadgets for power distribution & air conditioning system are used, operated and maintained properly for guarding against short circuits/fires and are as per the latest Indian Electricity Rules and other applicable laws, statutory provisions and standards in force at the time, and Licensee/Bidder has to indemnify MMRCL against any loss incurred to the Licensee/Bidder on this account. Further, the Licensee/Bidder agrees that if there is any harm/loss to the property of MMRCL or to any other third party due to fault in the electrical work, outlets or apparatus within the premises of the Licensee/Bidder, all the loss shall be borne by the Licensee/Bidder.

9. At the end of the contract (pre-mature surrender/termination, natural completion, etc.) all cable, energy meter, can be taken back by licensee/Bidder without damaging any of the connected MMRCL accessories i.e. cable trays, and false ceiling etc. If any damage

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occurs, the associated cost shall be recovered from Licensee/Bidder as decided by MMRCL representative.

10. MMRCL fixed electrical asset operation and maintenance charges: MMRCL is receiving EHV supply at three different locations in Mumbai from Utility. This supply is further extended by MMRCL through its own network in stations at required voltage levels. To do so, MMRCL has invested huge sum in electrical assets such as transformers, HV cables, LV cables, circuit breakers, GIS, earthing-bonding etc. moreover MMRCL is ensuring the reliability power supply and responsible for operation maintenance of these assets. To compensate it licensee/Bidder shall pay operation and maintenance charges as mentioned in **Annexure-H** on fixed electrical asset operated and maintained by MMRCL up to designated supply point.

11. Theft of electricity and tampering of meter: In case of misuse of electricity, tampering of meter and theft of electricity by Licensee/Bidder is observed by MMRCL then security deposit shall be seized and forfeited and electricity and other utilities provided by the MMRCL shall be terminated immediately. Subsequent action shall be initiated as per MERC guidelines on this subject.

    As theft of electricity means financial loss to MMRCL therefore it shall be recovered from Licensee/Bidder as follows. The recovery shall be calculated on the basis of sanctioned electrical load or connected total electrical load as found in theft investigation by MMCRL (whichever is higher) and considering load has been continuously in operation since last six months or for the period established in theft investigation (whichever is higher). For such calculation the tariff/charges mentioned in **Annexure-H** shall be considered.

    Recovery payment of financial loss to MMRCL due to the theft of electricity shall be binding to the Licensee/Bidder.

12. Air Conditioning and Exhaust-

a) For meeting Air conditioning requirement, the Licensee/Bidder will have to access / use the already installed chilled water pipe line tapping provided at each of individual retail shop and thereafter plan/ design their air conditioning system / equipment by way of further distribution of chilled water and installation of FCU/AHUs, ducts etc. and associated electrical works with all cost to be borne by Licensee/Bidder. Already installed Chilled water pipe line tapping system, FCU/CSAHU, ducts etc. are available "as is where is" basis and any rectification/modification/addition regarding their operation as per its own design and requirements shall be carried out by Licensee/Bidder at its own

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cost. Electrical consumption for all associated works viz. AHUs/FCUs installed by Licensee/Bidder is to be taken from available load above. Normally no additional load will be made available for the same, however, in case of extremity, Load may be provided subject to technical feasibility with all cost to be borne by Licensee/Bidder. Licensee/Bidder is advised to have a site visit. Licensee is required to submit its plan to MMRCL and MMRCL will check that the plan submitted doesn't adversely affect the station air conditioning system and the works undertaken are in line with safety norms of electrical & fire safety.

b) Any addition / up-gradation/ modification /rectification in the existing Air Conditioning system to have effective & uniform Air conditioning as per retailer requirements including new/extension of ducts, change of air flow/Air Balancing and provision of extra Fans etc. has to be carried out by Licensee/Bidder at its own cost.

c) In underground stations, installation of window/ split ACs is not permitted. However, VRV system/Air Cooled Chiller system can be used if technically possible. Licensee/Bidder has to install air conditioning system at their own cost in own premises only. Any addition / up-gradation/ modification to air-conditioning system works that require system augmentation to be taken up subjected to technical feasibility & approval from MMRCL. If approved, same work to be carried out by Licensee/Bidder at its own cost. The dismantled accessories of existing MMRCL installations, if any needs to be handed over to MMRCL.

d) For Common area at Concourse floor at station, air conditioning & smoke extraction system is already in place and connected from existing system of station. All AHUs installed by Licensee/Bidder to be integrated with Fire alarm and control system in such a way that in event of fire, automatic smoke extraction system should work and all retail area AHUs including common area to be put off automatically for that respective floor level. Any addition/up-gradation/ modification /rectification on basis of above has to be carried out by Licensee/Bidder at its own cost.

e) Licensee/Bidder has to submit the specifications & scheme for the work carried out for subsequent distribution system including installation of FCUs/ AHUs and ducting and seek approval from MMRCL as per prevailing codes.

f) Metering –

i. All BTU Meters etc. including connected accessories/ meter box / valves modification at connection level etc. are already provided at various locations. However, at certain locations the same needs to be procured, installed and commissioned by Licensee/Bidder at his own cost, as per site conditions.

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ii. Calibrated BTU Meters provided by Licensee/Bidder shall be installed either at single tapping point or least possible no. of tapping points at respective locations i.e. Concourse floor at station to record the actual usage so as to being capable of measuring the entire air conditioning load being fed to Licensee through chilled water pipe system of MMRCL. MMRCL in any case will not provide meters to individual shops/ kiosk. BTU Meters shall be installed at easy accessible location.

iii. Regular testing/ calibration of all meters at defined interval will be responsibility of retailer.

g) The Charges of Air conditioning will be based on BTU / TR of actual consumption. The equivalent BTU / TR shall be as under:

- 1 Tr = 1.494 units (KVAH)
- 10,000 BTU = 1.245 units (KVAH)

h) Equivalent Energy units derived on the above basis for the cost of providing chilled water supply by MMRCL shall be charged based on same category energy unit rate applicable(DISCOM approved tariff). In addition to above, 20% charges over & above on these air conditioning charges will be added as Operation & Maintenance charges for the high-end installations maintained by MMRCL at stations viz. chillers, Pumps etc (refer the sample bill calculation given below). The licensee shall submit Ton of Refrigeration (ToR) capacity of FCU and shall get it sanctioned from MMRCL. The approval for ToR submitted by the licensee shall be at sole discretion of MMRCL. The work regarding the air-conditioning which includes tapping the water from the MMRCL chilled water pipeline, AHUs, FCUs and other necessary installation for air conditioning shall be done by Licensee. However, for At-grade stations licensee/Bidder may provide AC at his own cost conforming to detailed specifications attached at **Annexure-D**.

eg. Let us say 2.5TR is ToR capacity of FCU

1 TR = 1.494KVA

Electrical KVA equivalent of ToR = 2.5x1.494

= 3.735 KVA

Fixed charges/ KVA = Rs. 470/- (as per DISCOM Tariff)

Fixed charges for Electrical KVA equivalent = 470x3.735

= Rs. 1755.45/-.....(A)

Let us say TR/Btu meter reading is 100 TR

Equivalent Energy units = 100x1.494

= 149.4 KVAh

Energy charges of equivalent energy units = 149.4x7.36 (as per DISCOM Tariff)

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= 1096.64/- .....(B)

Wheeling Charges/KVAh = Rs. 0.08/- (as per DISCOM Tariff)

Wheeling charges for equivalent energy units = 1096.64x0.08

= 87.73/- .....(C)

Total Air-conditioning Bill (Including O&M charges) = (A) + (B) + (C) x 1.2

= 2959.82 x 1.2

= Rs. 3551.88/-

i) The design of kitchen ventilation systems shall include components such as exhaust hoods, exhaust fans, ductwork, filters and makeup air systems. The Contractor shall follow guidelines for calculating exhaust air flow rates based on the type of cooking equipment. Also, the best practices for installation and maintenance of kitchen ventilation systems for effective capture and removal of heat, effluents and grease from cooking kitchens shall be followed.

j) Availability and provision for kitchen exhaust duct to be checked during Prebid site visit.

k) For fire safety, grease laden ducts of stainless steel (single wall or double wall as per approval of MMRCL) should be designed to be fire safe and compliant with local building codes. This includes ensuring that the duct has proper clearance from combustibles and that any fires are contained within the ductwork. Adequate scrubbers may be utilized.

l) Fire rated kitchen exhaust duct shall be connected to nearby exhaust shaft with minimum structural modification with prior approval from MMRCL at Licensee's own cost.

13. Fire Alarm & Control system and Fire NOC:

a. Existing infrastructure is already meeting the fire provision requirement of all MML-3 station operation area as per category of Fire NOC. Any addition / upgradation/ modification to this existing system on account of change in category of Fire NOC as per Licensee retail planning will have to be carried out by Licensee/ Bidder at his own cost so as to meet all statutory requirement of MFS department.

b. Already installed fire system consisting of fire and smoke detectors, fire hydrant, fire sprinkles etc are available "as is where is" basis and any rectification/modification/addition regarding their operation to meet National Building Code of India 2016, Maharashtra Building Bye-laws and Maharashtra Fire Service Rules (latest) requirement shall be carried out by Licensee at its own cost.

c. Licensee has to install FACP panel in proposed area and same is to be integrate with Main Fire Panel at Station concourse level (in SCR).

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d. If, Fire NOC is not available for any of the proposed areas, same has to be processed & pursued by Licensee for approval of the statutory authority with cost involved (if any) to be borne by the Licensee. Periodic renewal of Fire NOC with MFS after validity also has to be pursued by Licensee.

14. Fire and smoke curtains for separating retail and station area from fire to be provided by Licensee/Bidder including any rectification /modification regarding their operation shall be carried out by Licensee at its own cost. Licensee shall submit the specifications & scheme of work to be carried out including installation and seek approval from MMRCL. The fire curtains shall be designed for minimum fire rating period of 120 minutes at 250 degrees centigrade subject to the approval by local fire authority.

    Further any change/addition/ modification/ new requirements imposed by MFS or required as per statutory requirements need to be provided by Licensee/Bidder at its own cost. Fire curtains shall be integrated with station fire alarm system in such a way that in case of fire at any side, fire curtains come down and segregate proposed areas from station operational area.

15. Availability of Existing Infrastructure related to Electrical Power Supply including capacity of Electrical Load that can be sanctioned, air conditioning works, Fire Protection System & Fire NOC with which the retail area shall be leased out to the Licensee/Bidder at various locations/station shall be specified in Tender Document, Licensee may refer **Annexure - H** the same before bidding.

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Annexure-A

Format of Application for Power Supply

Name and Address of Licensee: -			
S. No.	**Items**	**Details**	**Remarks**
1	Station Name		
2	Reference to allotment letter (Copy to be attached)		
3	Load Requirement in kVA (equipment list with load)		
4	Details of submission of Advance Consumption Deposited as per load		
5	Details of Cable installed along with earthing (Make and rating) Attach cable test report		
6	Details of MCCB/MCB installed (make and rating)		
7	Details of RCCB installed (make and rating)		
8	Details of TOD Energy meter installed (Make and rating)		
9	Attach Original Meter Test Report & Calibration Report from NABL accredited laboratory. (IDEMI Mumbai, ERTL Mumbai or as approved by MMRCL)	Yes ☐ /NO☐	
10	Energy Meter Sealed, if Yes Meter Seal No.		
11	Please confirm whether lockable meter box with earthing has been provided and sealed by MMRCL representative.	Yes ☐ /NO☐	
12	Attach Cable layout plan (released by Electrical O&M)	Yes☐ /NO☐	
13	Attach Electrical Declaration on Rs.100/- Non-judicial Stamp paper As per Annexure - F or G.	Yes ☐ /NO☐	
14	Please confirm whether fire extinguisher have been provided with make & specification		

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15	All debris, waste material have been Removed from installation	Yes ☐ /NO ☐	
16	Electrical Installation Test Report by Licensed Electrical Contractor	Yes ☐ /NO ☐	

Procedure

1. Licensee shall apply for temporary connection by submitting it's electrical load details for completion of all electrical works including safety compliances.
2. Licensee shall seek request for quotation in writing for temporary power supply from MMRCL.
3. On receipt of Licensee's request for temporary connection MMRCL shall assess it's load requirements and shall grant the supply upon submitting the evidence of charges as mentioned in Annexure H.
4. Temporary supply shall be provided to licensee for a fitment period of up to 60 calendar days after submitting test report for installation by Licensed electrical contractor.
5. After ensuring completion of all electrical works as per stipulations and compliance of all safety requirements i.e. **Fire safety, clearance by local fire service etc**. Licensee shall apply for permanent connection to Electrical O&M through concerned controlling department in above form.
6. Electrical Department shall carry out inspection as per prescribed Performa at site and if found complied as per test report of Licensed electrical contractor then permanent electric connection shall be released. Fire compliance depends on the size of **Retail area** premises, so detailed Fire inspection Performa is placed at **Annexure- E.**
7. Before execution of electrical work, licensee shall get inspected it's all materials from Electrical O&M supervisor and licensee shall submit all corroborated documents regarding specifications as mentioned in **Annexure-A.**

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Annexure-B

Electrical Installation Test Report (From Licensed Electrical Report)

S.N.	Description	Details
1	Name & Address of the Licensee	
2	Location	
3	Shop/bare space / Unipay Payment (Kiosk) Machine / Stall No.	
4	Connected Load, IR values, Ph-N , Ph-Ph etc.	
5	Energy Meter S. No. & Make (Manufacturer's test report is to be enclosed)	

It is certified that all the electrical work at above installation have been carried out in compliance to the IE rules, IE acts adhering to the safety norms, rules and regulations of MMRCL & that of any other statutory body. All men and material and temporary earthing have been removed from our end & the installation is fit for energization.

I shall be responsible on behalf of Licensee for non-compliance of any of the above. Copy of my valid Govt. electrical contractor license is attached.

Seal & Signature of the Licensee

Seal & Signature of Electrical Contractor
(Holding Valid Govt. License)

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Annexure-C

TECHNICAL SPECIFICATIONS & GUIDELINES

1. NON STANDARD/ CUSTOMIZED ELECTRICAL APPLIANCES:

General Requirement of Heating Equipment's viz. Potties Burner, Hot Case, Pav Maker, Sweet corn and Momos Machine (Steamer), Oil Fryer Machine, etc.

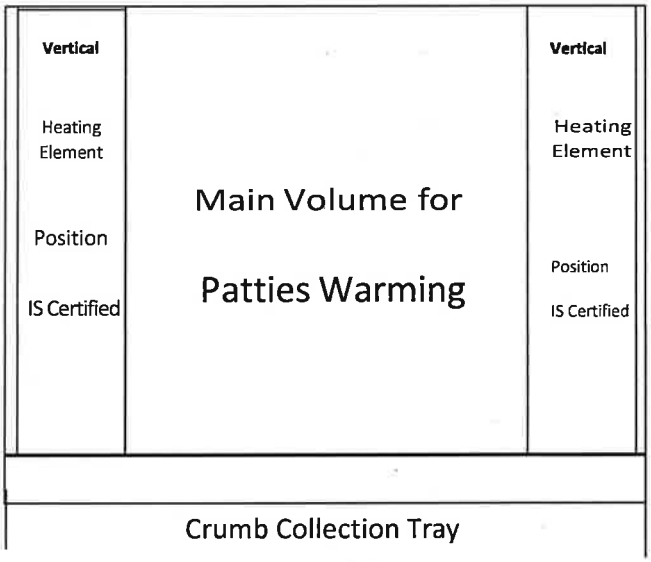
- Cabling must of LSZH Make conforming to IEC 60332-1 "governs the flame-retardant Grade specifications in reference to LSZH cable" and BS50525-3-41.
- All food Heating Equipment's must have microprocessor-based Timer Cut-Out Provision. The Timer shall switch off the equipment's supply after every 120 minutes.
- In addition, Mechanical based Cut off to be provisioned, using thermal Cut- Off Switch (TCO).
- All appliances internal installations must have PTFE TEFLON Wiring with Jacketing.
- Dual Safety Thermostat must be provisioned.
- Basic Hygine & Safety Instruction Slip in must be pasted on the equipment in English & vernacular Language.
- An information metallic plate shall be installed on the front of equipment stating its certifications. basic parameters and year of mfg.
- All food heating equipment shall be replaced beyond the completion of 3years from its year of mfg. In case of refrigeration units the duration shall be 5 years.
- Food heating eating element should preferably be in Vertical Position to avoid any chances of fire due to over-exposure of eatables to heat source in horizontal position. In case of horizontal heating elements being used. minimum gap between the Heating element and the Crumb Collection tray must be 6 inches (] 50mm).
- Vendor must submit the following IS certificates before installing the each heating equipment's:
    - IS Certificate for Heating Element as per IS 4159
    - IS Certificate for Toughened Glass as per IS 2553
    - IS Certificate for Mains Cable with plug as per IS 1294 & IS 694

- The external body of heating appliances must have basic Insulation Properties to deter heat dissipation to items placed in proximity.
- Preferably, heating appliances shall be placed on an insulated surface (ceramic, stone base plate) to avoid propagation of heat to nearby stored materials.
- Oven/potties heater may be of AKASA, Western Refrigration, Frymaster or equivalent make.

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GENERAL DESIGN



1. STANDARD ELECTRICAL APPLIANCES

- Refrigeration equipment: - Refrigerators, Deep freezers, water cooler, Ice maker, Ice-cream machine etc.
- Kitchen equipment:- Cooking ovens/grill, Air fryers, Food processor, Mixer, Juicer, Grinder, coffee machine, Sandwich maker etc.
- Air conditioning and Ventilation equipment: - AC's, Fans, Exhaust hoods, Ducting etc.

Acceptable specifications for equipment's under 2.1 & 2.2 are as under:

Sr. No	Equipment detail	Relevant acceptable code/standard	Acceptable Specifications
1	Refrigerator	As per IS 1476 (Part 1): 2000 Performance of Household Refrigerating Appliance — Refrigerators with or Without Low Temperature Compartment	Minimum Gross storage Capacity- as per requirement Voltage Range up to 40 Degree centigrade: - Capable of working on 220 volts + 12 P A.C 50 Hz Power Source- AC , 220 Volts . 50 Hz Method of Defrosting- Frost Free Insulation- Puff / Maxi 2 / Polyurethane Refrigerant Gas- CFC free Defrost system- Auto Defrost Size of wire:- as per IS 9968 (part-1) or 694 whichever is applicable.

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			Compressor-Power saver compressor Metallic Plate Indicating the Manufacturing date should be fixed behind Equipment.
2	Microwave Oven	As per IS 302 1:1979 & IS 302-2-25 : 1994. Section 25 Microwave Ovens	The microwave oven should be operating at a voltage not exceeding 253 V ac, single phase 50 Hz and under ISM (Industrial, Scientific and medical) bands of (91.5 or 50) MHz or (2 450 & 50 >MHz *ISM frequency bands are electro-magnetic frequencies established by International Treaty for Industrial, Scientific and Medical Purposes. Size of wire:- as per IS 9968 (part-1) or 694 whichever is applicable Operation under overload conditions, Electrical insulation and leakage current. Moisture resistance, insulation resistance and electric strength of appliances with Heating element:- as per IS 302-1 (1979) is applicable
3	Deep Fridge	As per IS 7872	Gross volume in Liters Construction internal: - 304 grade steel External :- corrosion resistance Chest type with CFC- free insulation Should have foam pad cover on top of the basket Solid door with lock and handle Type: - compression cycled, CFC free, all system tubing should be of minimum 99.97a of pure coil. Inlet of capillary should be outside the PUF body. Accuracy of digital controller: - +/- 0.5 degree centigrade. Microprocessor based control unit for setting of temperature and display Power supply: - 220-240V AC, 50Hz Size of wire: - as per IS 9968 (part-1) or 694 whichever is applicable
4	Coffee Machine	As per IS 14144	Degree of protection: IPX0 Protection class: Protection class I Perceptible heat emission: 0.15 kWh/h in standby mode Perceptible heat emission: 7.0 kWh/h in maximum mode Cont. sound level (LpA) < 70 dB (A) Water connection: DN 15, (3/8"j with stop cock Power Supply:- Single/Three phase Size of wire: - as per IS 9968 (part-]) or 694 whichever is applicable
5	Oil fryer machine	As per IS 302-2-13 : 1994 Section 13 Frying Pans, Deep Fat	Power Supply:- 220-240V AC, 50 HZ Control thermostat Safety

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		Fryers and Similar Appliances	thermostat Limit micro switchLine pilot lamp Operation pilot lamp Heating element as per machine design Contactor rating as per machine rating Change over switch Heating element surface temperature not exceeds 350 degree Celsius for Aluminum sheathing and 500 degree Celsius for other sheathing material as per IS 4159:2002 Heating element shall be provided with automatic temperature control and non self re-setting thermal cut out as per IS 4159:2002 Size of wire:- as per IS 9968 (part- T) or 694 whichever is applicable
6	Ice making machine	As per IS 302-2- 24 : 1994 Section 24 Refrigerators, Food-Freezers and Ice-Makers	Power Supply:- 220-240V AC, 50Hz Electrical safety class-I Climate class:- SN, N, ST or T the climatic class of the appliance; Refrigerant:- CFC free Size of wire:- as per IS 9968 (part-1) or 694 whichever is applicable
7	Ice Cream Machine	As per IS 2802: 1964 Specification for Ice-Cream	Rated Power:- as per customer req Shock protection Type:- I Power Supply:- 220V AC, 50Hz Size of wire:- as per IS 9968 (part-\) or 694 whichever is applicable
8	Mixer	As per IS 302 part 2 section 14 and IS 4250	Rated input shall not exceed with 600 watt. Power supply:- 220-240V AC, 50Hz Protection against electric shock as per relevant provision 8 of IS 302. Size of wire:- as per IS 9968 (part-1) or 694 whichever is applicable
9	Water Dispenser	As per IS 1475 (Part 1): 2001 Self-Contained Drinking Water Coolers	Power Supply:- 220-240V AC, 50 Hz Refrigerant- CFC free Size of wire:- as per IS 9968 (part-1) or 694 whichever is applicable
10	Water Cooler	As per IS 1475 (Part 1): 2001 Self-Contained Drinking Water Coolers	Power supply:- 220-240V AC, 50 Hz Degree of protection :- IPXO Size of wire:- as per IS 9968 (part-1) or 694 whichever is applicable

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2. General Specification for Electrical Works

(ELECTRICAL INSTALLATION & LIGHTING)

- Licensee is required to obtain prior approval of MMRCL before carrying out any work pertain to electrical & fire. The work is required to be executed as per IE rules and through a Licensed Electrical Contractor. All costs associated with provision of electricity shall be borne solely by the licensee. The licensee hereby voluntarily and unequivocally agrees not to seek any claim, damages. compensation or any other consideration whatsoever on account of time and cost associated in making provision of electricity.

- For load up to 10 KVA shall be given in single phase, load above this it shall only be given in three phase. License is required to balance load at his end so that no unbalancing occurs at MMRCL end.

- Industrial socket along with indusial plug (GI box) to be used instead of modular socket for cooking/heating/baking appliances.

- Dedicated & Suitable rating of MCB to be provided for the single circuit.

- In one circuit 2 no's of Power socket or 3 no's of light socket to be installed which shall not exceed the total rating of switchgear and cable.

- All equipment should be connected with dedicated power/light socket according to their rating.

- Licensee shall ensure that single equipment connected with dedicated socket

- Licensee Shall ensure that RCCB (30ma) must be installed at their load end for electrical safety of equipment.

- All cables utilized for completion of all electrical works for at grade and underground stations shall be of copper conductor . Cables for single phase shall be three cores with one core as earth for the single phase, both for elevated and underground station of MMRCL. For three phase load four core cables along with separate 2 nos. of 8 SWG copper wires shall be used for earthing for underground and elevated staions..

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- For elevated stations all wires shall be FRLS. Cables shall be armoured, XLPE, FRLS. In case of Underground stations all wires shall be FRLSZH and cables shall be armoured XLPE, FRLSZH and conform to NFPA-70, and BS-6724 standard.

- The meter along with MCB-& RCCB box will be metallic and wiring should be done with proper glands, spare holes if any should be sealed. DP MCB & RCCB is required for single phase supply. TPN MCB is required in case of three phases. RCCB, cables, MCB rating for main connection shall be as per sanctioned load.

- Use of any PVC material is not permitted in the Elevated/underground stations.

- Licensee will provide a separate protection for their electrical requirement with proper discrimination to upstream breaker.

- All materials specification must follow standards, codes and specification specified in Table-I.

- In case. the licensee draws power more than the sanctioned load, electricity connection may be disconnected. The electricity connection will be restored on first occasion only when licensee pays necessary penalty as per concern electricity regulatory commission norms and removes excess load. On the subsequent occasion, MMRCL reserves the rights to revoke the license and forfeited the interest free security deposit.

- Only Galvanized Cable tray, Conduit, Ladder type cable tray shall be allowed.

- Internal wiring of luminaries (Light Fittings) and Signage in signage's panel shall also be FRLSZH in case of UG stations & FRLS in case of Elevated stations.

- All Plastic accessories used in luminaries shall be non-flammable material, meeting all the NFPA requirements, preferable by UL and shall be suitable for application at UG station conforming to UL- 94 standards on flammability of material.

Table: 1 –Reference for Electrical Items Selection

	Power requirement (KVA)	Rating of MCB (A, 10 KA)	Rating of RCCB (A, mA)	Cable Size (Sq. mm) DB to Licensee premises	
ELEVATED	0-2	6	16,30	3 Core x 2.5 sq. mm for single phase	3 core Armoured copper
	2-4	16	16,30	3 Core x 4.0 sq. mm for single phase	

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	4-6	20	25,30	3 Core x 6.0 sq. mm for single phase	conductor, FRLS
	6-8	32	32,30	3 Core x 10 sq. mm for single phase	
	8-10	40	40,30	3 Core x 16 sq. mm for single phase	
	6-8	16	16-30	4 Core x 6.0 sq. mm for three phase	3 core Armoured copper conductor, FRLS
	8-10	16	25,30	4 Core x 10 sq. mm for three phase	
	10-18	25	25,30	4 Core x 16 sq. mm for three phase	
	18-25	40	40,30	4 Core x 25 sq. mm for three phase	
	25-38	63	63,30	4 Core x 35 sq. mm for three phase	
	38-40	63	63,30	4 Core x 50 sq. mm for three phase	
	40-50	100	100,30	3.5 Core x 70 sq. mm for three phase	
UNDERGROUND	0-2	6	16,30	3 core x 4 Sq. mm Copper Conductor (for single phase)	
	2-4	16	16,30	3 core x 4 Sq. mm Copper Conductor (for single phase)	
	4-6	25	25,30	3 core x 6 Sq. mm Copper Conductor (for single phase)	
	5.0-7.0	10	25,30	4 core x 6 Sq. mm Copper Conductor (for three phase)	
	7.0-10.0	16	25,30	4 core x 6 Sq. mm Copper Conductor (for three phase)	
	10.0-18.0	25	25,30	4 core x 10 Sq. mm Copper Conductor (for three phase)	
	18.0-25.0	40	40,30	4 core x 16 Sq. mm Copper Conductor (for three phase)	
	25.0-38.0	63	63,30	4 core x 25 Sq. mm Copper Conductor (for three phase)	
	38.0-40.0	63	63,30	4 core x 35 Sq. mm Copper Conductor (for three phase)	
	40.0-50.0	100	100,30	4 core x 50 Sq. mm Copper Conductor (for three phase)	

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S. No	Item	Approved Makes
1.	GI Conduit Pipes and accessories, ISI Mark	M/s BEC Conduits Pvt. Ltd, M/s AKG Steel Industries (formerly J K Tube Co.), M/s Steel Kraft,
2.	Cable Tray	M/s BEC Conduits Pvt. Ltd, M/s Indiana Gratings Pvt. Ltd., M/s Profab Engineers Pvt., M/s Maheshwari Electricals Pvt. Ltd (MEM), M/s Ratan Projects, M/s Elins Sheet Metal Industries, M/s R.K. Engineering Works, M/s Pentax Ferro Incorporate (For G.I Cable Trays & Accessories), M/s Niedax
3.	FRLSZH, XLPE insulated Copper conductor cables and wires	M/s KEI Industries Ltd. M/s Polycab India Ltd M/s Havells India Ltd M/s LAPP India Pvt. Ltd. M/s Ravin Cables Ltd. For LT Power Cables (FS & LSZH Cables) M/s Apar Industries M/s. LKB Engineering Pvt. Ltd. (Brand-RALLISON) M/s Bonton cables (I) pvt. ltd
4.	Modular Switches, sockets with cover plates	M/s Panasonic Life Solution India Pvt. Ltd M/s Honeywell Electrical Devices & System (M.K) M/s Novateur Electrical(Legrand)
5.	GI Strips, Box and accessories	M/s Ratan M/s Parth Metals M/s New Tech M/s Swastik Industries M/s Parco M/s R.K. Engineering Works
6.	MCB/MCCB, RCBO/RCCB	M/s. L&T, M/s. Siemens, M/s. Schneider, M/s. ABB
7.	Distribution Board	M/s Advance Panels & Switchgears Pvt. Ltd. M/s Tricolite Electrical Industries M/s ABB India Ltd. M/s Novateur Elctrical & Digital systems Pvt. Ltd of Electrical distribution boards including MCB's/RCCB's/ELCB's/ Timers and Accessories (Indoasian-Make) M/s Siemens Limited
8.	Energy Meters with MDI/TOD (pre-paid)	L&T, Secure
9.	Luminaries (only LED Lights)	M/s Signify Innovations India Ltd M/s Surya Roshni Ltd M/s Wipro Pvt. Ltd M/s Bajaj Electricals Ltd M/s Lighting Technologies India Pvt. Ltd. M/s Havells India Ltd M/s Orient Electric Limited M/s Crompton Greaves Consumer Electrical Limited

Note:- MMRCL reserve the right to get tested all material from any govt. accreditation lab and licensee shall bear cost of third party testing. Licensee is required to use only approved make as mentioned above for any other reputed make with prior approval of MMRCL.

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Annexure D

Specification Of Air Conditioner

Split type air conditioners conforming to IS:1391(Part-2)-1992 with amendment No. 1 fitted with hermetically sealed air compressor operating on refrigerant R-22/R-32 suitable for wall mounting and conforming to following specifications. Spit AC shall be preferably five star rated. Approved names are Hitachi/ O-general / Daikin / Carrier or similar equivalent.

General Technical Requirements:-

1. Air conditioners shall be suitable for 230V, 50 Hz single phase AC supply, capable of performing the functions as Cooling, Dehumidifying, Air circulating and Filtering.
2. The air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor (as applicable), compressor unit operating on Refrigerant R-22/R-32 with suitable rated capacitor start electric motor. It shall be equipped with overload protection. These shall be mounted on resilient mountings for quiet operation. The compressor shall conform to IS: 10617 part (1)-1983 (amendment 1 & 2). Rotary compressor shall be covered by manufacturers test certificate.
3. The air conditioners shall be complete with automatic temperature control and cut - in and cut out etc. for temperature range 16 degrees to 30 deg. C. The differential of the thermostat for cut-in and cut-out shall not be greater than +/- 1.75 deg. C. The Air conditioners may either be provided with adjustable step-less type mechanical thermostat or electronic thermostat as per IS: 11338:1985.
4. The filter pads provided shall be washable.
5. The cabinet of the evaporator unit and condensing unit shall be made from galvanized steel sheet of 1.0mm thick with galvanized coating thickness of 120 gm / sq. mtr and shall be provided with stiffness for robust construction and shall have rounded corners, steel parts/front panel etc. shall have stove-enameled finish preceded by undercoat of anti-corrosive primer paint phosphating and through cleaning-of the surface. Alternate methods of corrosion protection like plastic powder coating, electrostatic painting are-also acceptable in lieu of stove enameled finish.
6. Overall power factor of the unit shall be at least 0.85 at capacity rating test - conditions.
7. Maximum power consumption of the split air conditioners shall be at capacity rating test conditions.
8. Galvanized sheet shall conform to IS:277/2003.
9. Refrigerant used shall be R-134A, R-32, R-417A.

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10. Inbuilt protection in IDU against electrical faults shall be provided. Compressor current shall not flow through Indoor units.
11. The indoor units made of ABS/HIPS shall be of flame retardant and impact resistant life. ABS/HIPS indoor unit cabinet shall pass in flammability test- requirement for Grade VO as per UL-94. For impact resistance the unit duly packed, when dropped from a height of 1 Mtr. shall show no damage.
12. Display shall be LED/LCD and provided on indoor unit or on Handset or on both. These displays shall be selectable.
13. Remote control (Cordless) shall be provided with one On/Off timer, selecting Fan speed (Three speeds) and setting up of-temperature.
14. Installation of pipes, Insulation and cables beyond 6Mtrs, if required:
    i. Suction line copper pipe of 0.70mm thickness.
    ii. Liquid line copper pipe of 0.70mm thickness.
    iii. Expanded polyethylene foam or other suitable insulation tubing for suction line copper pipe.
    iv. Drain pipe (15mm dia flexible PVC pipe).
    v. Suitable capacity 2 core PVC insulated copper wire 2.5mm to electrically connect 'both the units with each other.
15. Installation: Location of ODU is to be finalized after approval from I installation at site shall comprise the following work:
    i. Mounting/Fitting indoor & outdoor units at the respective locations.
    ii. Laying refrigerant- piping and connecting both the units after drilling hole/holes in the wall, if required. The thickness of the copper tubing shall not be less than 0.70mm.
    iii. Insulating the suction pipe with expanded polyethylene for 5mm tubing or other suitable.
    iv. Laying 15mm drain pipe to throw out the condensate water being formed in the indoor unit and connecting it to station drain.
    v. Leak testing the entire system.
    vi. Charging Refrigerant-gas in the unit.

Suitable electric wiring between indoor and outdoor, up to switch at location of indoor unit. Switch/Socket/Plug is also included.

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Annexure- E

1. **SAFETY PROCEDURES**:
   a. All attendants of the commercial spaces must be well aware of emergency protocols in case of any fire or electrical failure. (Standard Emergency Protocol order placed at **Annexure-E(1)** for reference)
   b. Last attendant shutting down the premises shall ensure thorough cleaning, safe segregation & de-energizing of electrical appliances prior to leaving. (Standard checklist points attached at **Annexure-E(2)** for reference).
   c. All heating appliances shall be thoroughly cleaned prior to shut down of space, ensuring no waste or ignitable material being present near-by heat source.
   d. **Repetitive to and fro movement damages the wiring arrangements. Hence, all electrical appliances should be kept at fixed designated places and should not be mobile.**
   e. A Stainless Steel plate of minimum size 150 mm X 250 mm (with engraved black/blue letters of font size 25 mm minimum) shall be displayed on the front facade of commercial space with following emergency information:
      - Name and Property No. of Commercial Space.
      - Name and Contact Details of Attendant/ Manager.
      - Name and contact details of Key Personnel.
   f. All licensee's staff shall have basic of Fire Equipment's Training- for selection and usage in case of Fire Emergency.

2. **FIRE PROTECTION MEASURES IN EATERY KIOSK, SHOPS:**

   a. Any eatery shop/ restaurant shall have Fire Safety Certificate from the local fire authority, as per prevailing Maharashtra Fire Service Guidelines.

   b. As commercial spaces having eatery or cooking facilities, have considerable fire load of material stored and have potential Fire risk, it is imperative to provide additional fire protection measures. Accordingly, minimum fire protection system is to be provided as per below table:

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S.No.	Comm. Space Description	Fire Extinguishers	Fire Detection System	Fire Sprinklers	Modular based fire extinguisher	Smoke Ventilation
1.	Eatery Kiosks(RC)	Yes	No	No	Yes	No
2.	Eatery Kiosks(UG)	Yes	Yes	Yes	No	No
3.	Restaurants	Yes	Yes	Yes	Wet Chemical agent for Kitchen	Yes
4.	Eatery Kiosk (with cooking)	Yes	Yes	Yes	Wet Chemical agent for kitchen	Yes
5.	Non-Eatery Kiosk	Yes	No	No	No	No

c. Additional Fire protection arrangements proposed by MFS in compliance with IS codal provisions and statutory requirements shall be abided by Licensee/Bidder.
d. In case of practical difficulty in connection to nearby fire pipelines, for small kiosks areas modular based fire extinguishers may be allowed in place of Fire sprinklers.
e. In UG Stations, smoke/ heat detectors can be directly linked up with station FACP, depending on the availability of slots in the loop.
f. In case of an independent Fire alarm panel for commercial space, same shall be integrated with Station's main panel.

The Licensee shall execute any other additional required work of Fire sprinklers and detection system on its own and E&M team shall facilitate in the integration of the systems.

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FIRE & ELECTRICAL SAFETY INSPECTION REPORT

Name of Station: **PD Licensee Name:**
Inspection Representative: **Date:**
Designation & Department:

1.0 FIRE SAFETY PARAMTERS

SN	Fire safety Requirements	Status		Healthiness
		Requirement (YES/NO)	Provided/ Not provided	
1	Automatic Fire Detection and Alarming System:			
1.1	Working Condition of Smoke detectors			
1.2	Fire Panel & its integration			
1.3	Test with Fire alarm signal			
2	Fire Protection System :			
2.1	Availability of adequate nos, type of fire extinguishers & Healthiness of the equipment*			
2.2	Availability of Sprinkler system Physical Condition of Sprinklers Main Isolation Valve (Open/ Close)			
2.3	Modular based Fire Extinguishers			
3	**Special Aspect Description**			**Status**
3.1	**Kitchen areas:** **(Not required in case of no kitchen area)** Gas detectors for LPG/PNG& its functional status			
3.2	Kitchen hood provided with wet chemical agent protection system			
3.3	60 min compartmentation in between kitchen area and serving area			
3.4	Whether all kitchen hoods are cleaned regularly Last date of hood cleaning done		Last date :	
(*Refilling Due Date. Visible location, Physical Condition, Discharge Pipes etc.)				

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2.0 Electrical Safety Parameters Checklist For Licensee/Bidders

SN	Electrical safety Requirements	Status		Healthiness
		YES	NO	
1	Electrical panels/DBs			
1.1	Check for encroachment near electrical panels & DB, if any. detectors			
1.2	Check the condition, earthing & Check the condition, earthing & locking arrangements of electrical panel			
1.3	Check thimbles, lugs & glands in cable termination			
1.4	Protection system installed in the circuit (RCCB of appropriate rating or not more than 30 mA). Check/Operate from test switch			
1.5	Dedicated MCB to be used for dedicated circuit			
2	Cables & Wiring			
2.1	Check for cable dressing in cable tray or conduiting			
2.2	Check for cable specification as per load			
2.3	Check if any hanging electrical wires, loose joints, extension board or open wiring etc.			
3	Switches & sockets			
3.1	Check for condition & rating of plugs tops, switches, loose sockets/wire If any			
3.2	Check Industrial socket (GI box) installed in premises for electrical equipment			
3.3	Check supply taken from industrial socket through top plug of proper rating			
3.4	Check single equipment connected with single & dedicated industrial socket			
3.5	Check all installed switch and sockets in PB premises securely fixed and undamaged.			
3.6	All main switches readily accessible and clearly identified.			
4	Metering			

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4.1	Energy meters in PD/PB premises should be properly sealed by MMRCL authorized person/staff.			
4.2	MDI (Maximum Demand) of previous month is within the saction load.			
4.3	Energy meter shall measure reading in both KWH & KVAH.			
5	Miscellaneous			
5.1	All electrical equipment should be properly grounded to prevent electrocution or fire			
5.2	Switchgear/Cables/wires shall be of approved make and specifications are as per latest MMRCL policy			
5.3	All electrical appliances shall be of standard make and in health / cleaned state.			
5.4	Heating mark observed in socket, top plug or any installed electrical equipments			
5.5	Check flammable/ combustible material stacked near electrical points			

A.	**Serious Non- compliances directly affecting Occupant's Life Safety**	**Compliance Time to attend** (Immediate/within a week/ etc.)
B	**Minor Non- compliances, (A separate list to be attached with joint signatures)**	**Total_Minor non-compliances**

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3.0 Fire Safety Inspection Check- Sheet

[For Kiosk/ Shops area up to 250 sq mm inside station building]

PD/PB Licensee: **Floor Area:** **Floors:** **Station:**
Line: **Date:**

SN	Check Point	Observation	Remarks
	KIOSK (upto 100 sq mm area)		
1	**Provision of fire extinguishers**		
a	Up to 10 sq mm : One ABC 2 Kg fire extinguishers		
b	Above 10 m2 and below 50 m2 : One ABC 4 Kg fire extinguisher		
c	Above 50 m2 and below 100 m2 : One ABC 4 Kg fire extinguisher and one 9 ltr water type extinguisher		
	SHOPS (up to 250 sq mm area as integrated design part of metro station)		
1	**Provision of fire extinguishers**		
a	Up to 10 sq mm : One ABC 2 Kg fire extinguishers		
b	Above 10 m2 and below 50 m2 : One ABC 4 Kg fire extinguisher		
c	Above 50 m2 and below 100 m2 : One ABC 4 Kg fire extinguisher and one 9 ltr water type extinguisher		
d	Above 100 m2 and below 250 m2 : Atleast two ABC 4 Kg fire extinguisher and two 9 ltr water type extinguisher		
2	**Provision of smoke detector**		
a	At true ceiling level provided by MMRCL		
b	Below false ceiling provided by licensee and connected with station FACP		
c	Smoke detector/s available in each room		
3	**Provision of Sprinklers**		
a	At true ceiling level provided by MMRCL		
b	Below false ceiling provided by licensee and connected with station sprinkler line		

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c	Sprinkler/s available in each room		
OTHER CHECK POINTS			
1	Any unsafe electrical works?		
2	Other applicable fire prevention, life safety and fire protection measures with respect to occupancy class is implemented ?		
3	Is good house-keeping practice followed ?		
Note: For bigger commercial spaces, i.e. More than 250 m2 area, joint inspection will be conducted on the basis state fire service's issued directives and approved plan for execution by licensee.			

MMRCL Inspecting Official Details:		Licensee Details:
Sign:	**Sign:**	**Sign:**
Name:	**Name:**	**Name:**
Emp ID:	**EMP ID:**	**Emp ID:**
Department:	**Department:**	**Department:**

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Annexure- E(1)

Fire Emergency Protocols/ अग्नि आपातकालीन प्रोटोकॉल/ फायर इमर्जन्सी प्रोटोकॉल :

1. Stay Alert/ सतर्क रहें/ सतर्क रहा -:
   Immediately activate the fire alarm system upon discovering a fire.
   आग लगने का पता चलने पर तुरंत फायर अलार्म सिस्टम सक्रिय करें
   आग लागल्यावर लगेच फायर अलार्म सिस्टम सक्रिय करा.

2. In the absence of an automatic alarm, alert all individuals by shouting "Fire" to raise awareness.
   स्वचालित अलार्म की अनुपस्थिति में, जागरूकता बढ़ाने के लिए "आग" चिल्लाकर सभी व्यक्तियों को सचेत करें
   स्वयंचलित अलार्मच्या अनुपस्थितीत, जागरुकता वाढवण्यासाठी "फायर" ओरडून सर्व व्यक्तींना सतर्क करा.

3. Cordon off/ घेराबंदी करना/ गराडा बंद:

4. Try to isolate the incident area and stop further propagation.
   घटना क्षेत्र को अलग करने और आगे प्रसार रोकने का प्रयास करें
   घटना क्षेत्र वेगळे करण्याचा प्रयत्न करा आणि पुढील प्रसार थांबवा

5. Try to electrically shut down the equipments& circuits in the incident area.
   घटना क्षेत्र में उपकरणों और सर्किटों को विद्युत रूप से बंद करने का प्रयास करें।
   घटना क्षेत्रातील उपकरणे आणि सर्किट्स इलेक्ट्रिकली बंद करण्याचा प्रयत्न करा

6. Fire Extinguisher Usage/ अग्निशामक यंत्र का उपयोग/ अग्नि शामक यंत्राचा वापर :

7. In the initial stages of a small fire, trained staff should attempt to use fire extinguishers and other means of fire fighting such as hose reels & fire hydrants.
   छोटी सी आग के प्रारंभिक चरण में, प्रशिक्षित कर्मचारियों को अग्निशामक यंत्र और अग्निशमन के अन्य साधनों जैसे होज़ रील और अग्नि हाइड्रेंट का उपयोग करने का प्रयास करना चाहिए।
   लहान आगीच्या सुरुवातीच्या टप्प्यात, प्रशिक्षित कर्मचाऱ्यांनी अग्निशामक आणि अग्निशामक इतर साधनांचा वापर करण्याचा प्रयत्न केला पाहिजे जसे की होज रिल्स आणि फायर हायड्रंट्स

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8. Do not endanger personal safety; prioritize evacuation if the fire escalate
   व्यक्तिगत सुरक्षा को ख़तरे में न डालें; आग लगने पर निकासी को प्राथमिकता दें |
   वैयक्तिक सुरक्षितता धोक्यात आणू नका; आग वाढल्यास बाहेर काढण्यास प्राधान्य द्या.

9. Evacuate/ खाली करना/ खाली करा:

10. Direct passengers and staff to egress from the nearest and safest exit routes.
    यात्रियों और कर्मचारियों को निकटतम और सबसे सुरक्षित निकास मार्ग से बाहर निकलने के लिए निर्देशित करें
    प्रवासी आणि कर्मचाऱ्यांना जवळच्या आणि सुरक्षित निर्गमन मार्गावरून बाहेर जाण्यासाठी निर्देशित करा

11. Avoid the use of elevators during a fire; only use stairs for evacuation.
    आग लगने के दौरान लिफ्ट के उपयोग से बचें; निकासी के लिए केवल सीढ़ियों का उपयोग करें
    आगीच्या वेळी लिफ्टचा वापर टाळा; बाहेर काढण्यासाठी फक्त पायऱ्या वापरा

12. Emergency Services Contact/ आपातकालीन सेवाएँ संपर्क/ आपत्कालीन सेवा संपर्क:

13. Call emergency services (dial 110) to report the fire and provide detailed information.
    आग की रिपोर्ट करने और विस्तृत जानकारी प्रदान करने के लिए आपातकालीन सेवाओं (डायल 110) को कॉल करें
    आगीची तक्रार करण्यासाठी आणि तपशीलवार माहिती देण्यासाठी आपत्कालीन सेवांवर कॉल करा (110 डायल करा)

14. Call Station Control Room (_____ } and report the incident for support and response.
    स्टेशन नियंत्रण कक्ष को कॉल करें (} और समर्थन और प्रतिक्रिया के लिए घटना की रिपोर्ट करें।
    स्टेशन कंट्रोल रूमला कॉल करा (} आणि समर्थन आणि प्रतिसादासाठी घटनेची तक्रार करा

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Annexure- E(2)

Before closing a restaurant, eatery shop, food court or similar nature of commercial property, it is crucial to ensure the de-energization of non-essential appliances and lighting, as well as to implement fire safety measures. Here are standard checkpoints to follow for a comprehensive closing procedure:

De-Energization of Non-Essential Appliances and Lighting:

I. **Kitchen Area:**

- Ensure that only essential appliances (storage units for perishable food items) shall remain ON, rest Turn off and unplug all non-essential kitchen appliances, such as blenders, ice machines, grills, fryers, ovens, and others.
- Recheck for cleaning of areas below and adjacent to heating appliances; such as patties heater, food warmer, hot case etc.
- All hot surfaces must be secured/ cooled before closing.
- Ensure that gas connections are securely turned off, if applicable. Confirm that all gas shut-off valves in the kitchen are securely turned off.
- Verify that all kitchen hood and exhaust systems are powered down. Report for excess deposition of oil grit in hood and ducting's, if present.

2. **Dining/ Common Area:**

- Switch off and unplug all non-essential electrical equipment in the area, including coffee machines, cash registers, and electronic point-of-sale systems.
- Recheck for cleaning of areas below and adjacent to heating appliances; such as patties heater, food warmer, hotcase etc.
- Turn off unnecessary lighting fixtures, HVAC & Ventilation systems.
- Remove all unnecessary wastage and combustibles from the area.

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3. **Storage Areas& Office Spaces:**

- De-energize equipment and lighting in storage areas.
- Switch off all non-essential office equipment, including computers, printers, and scanners, office lighting and air conditioning systems.
- Ensure Clearance of spaces between electrical appliances and spillages.
- Ensure that emergency exit signs remain illuminated.

4. **Electrical Panel Checks:**

- Conduct a visual inspection of the electrical panel to identify any signs of wear, damage, or loose connections.
- Ensure that all circuit breakers are in the "off' position for non-essential circuits.

5. **Secure Flammable Materials:**

- Safely store and secure any flammable materials away from potential sources of ignition.
- Check that waste bins are emptied and cleared of any flammable debris.

6. **Final Walkthrough:**

- Conduct a final walk through of the premises to confirm that all non-essential appliances, lighting, and equipment are de-energized.
- Verify that fire safety measures are in place and functioning as intended.

By systematically following these checkpoints, you can ensure the safe and efficient closure of the restaurant, minimizing potential hazards and contributing to overall safety and energy conservation.

Documentation: (Recommended)

- Licensee should keep a log of daily safety checks and closures, including any issues identified and corrective actions taken.
- Document the contact information for key personnel responsible for emergencies.

Annexure-F

Declaration

[For Elevated Stations - On Non Judicial Stamp Paper of Rs. 100/-] (Duly notarized)

I_____, son/daughter/wife of _____ Resident of _____ (hereinafter referred to as the "Bidder", which term shall mean and include executors, administrators, heirs, successors and assigns), do hereby swear and declare as under:

OR

_____ , a company incorporated under the provision of the Companies Act 1956, a sole proprietorship, a partnership having its registered office at _____(hereinafter referred as "Bidder", which expression shall unless repugnant to the context or meaning thereof, include its successors and assigns), do hereby swear and declare as under:

That the Bidder is an occupant of the premises no._____ at _____ having taken the premises from MMRCL on the terms and conditions agreed to with MMRCL which include that MMRCL may supply electricity as a part of the lease or license of the premises, based on the commercial arrangement.

The Bidder has requested the MMRCL to provide an electricity connection at the above-mentioned premises in the Bidder's name for the purpose mentioned in the application form.

The Bidder hereby agrees and undertakes:

1. That the Bidder desires to have and agrees with MMRCL to take supply of energy for the above mentioned purpose, for a period of not less than two years from the date of commencement of supply and to pay for the energy so supplied and all other charges at the rates set out in the concerned State Electricity Regulatory Commission's Tariff Schedule and the miscellaneous charges for supply as may

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be in force from time to time, including advance Consumption Deposit and charges mentioned in **Annexure-H** etc.

2. Licensee shall provide Test Report/Calibration report from NABL accredited Laboratory approved by MMRCL (IDEMI, ERTL or as approved by MMRCL). MMRCL may ask Licensee/Bidder to recalibrate the Energy Meter whenever considered necessary from the NABL accredited Laboratory which are approved by MMRCL.
3. That the Bidder shall have no objection for the DISCOMs to carry out Inspections of the Bidders' Meters & Equipment's & Any Observation made by such Agencies, Which are acceptable to MMRCL, shall be binding on the Bidder for Attention/Compliance.
4. That MMRCL shall be entitled to disconnect the supply of energy by issuing a disconnection notice of 7 days in writing to the Licensee/Bidder, if the Licensee/Bidder is in default of payment of the due charges.
5. The Licensee/Bidder shall pay the full amount mentioned in the Monthly Consumption Bill as raised by MMRCL before the last date mentioned in issued Monthly bill.
6. That all or any taxes/duties, as may be levied on the supply of electricity to the Licensee/Bidder by MMRCL, shall be paid and borne by the Bidder.
7. That the Licensee/Bidder agrees that MMRCL would accept an application from the Bidder for reduction in load only after two years from the original sanction. All applications for load enhancement by the Bidder would be dealt with by MMRCL as a new connection and MMRCL would follow the procedure as in the case of a new connection.
8. That MMRCL shall have the right to recover the fixed charges due as per applicable tariff for the remaining contracted period in case the contract is terminated prior to the expiry of the contracted period.
9. That all the electrical work done within the Bidder's premises including wiring, power outlets and gadgets are used and maintained properly for guarding against short circuits/fires and are as per the Indian Electricity Rule, 1956 and other applicable laws, statutory provisions and standards in force at the time, and indemnify MMRCL against any loss incurred to the Bidder on this account. Further, the Licensee/Bidder agrees that if there is any harm/loss to the property

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of MMRCL or to any other third party due to fault in the electrical work, outlets or apparatus within the premises of the Bidder, all the loss shall be borne by the Licensee/Bidder.

10. To pay MMRCL all costs and expenses that MMRCL may incur by reason of a fresh service connection being given to the Licensee/Bidder.

11. To indemnify MMRCL against all proceedings, claims, demands, costs, damages and expenses that MMRCL may incur by reason of a fresh service connection given to the Bidder.

12. To be bound by MMRCL's conditions of supply, and all applicable acts and rules.

13. That MMRCL shall not be responsible for any interruption of supply and losses incurred if any due to interruption of supply to Licensee/Bidder.

14. Others :

13.1 Licensee/Bidder shall have to provide a Low voltage switch-board with MCBs & RCCB's of required capacity with Electronics Static Energy Meters having provision of TOD etc. of required capacity at his cost conforming to relevant BIS standards and of approved make along with test certificate shall be arranged by the Bidder. The meter shall sealed by MMRCL, either within the premises of the Bidder or at a common meter room/board. Bidder shall not tamper with or disturb the meter in any manner whatsoever, and shall be responsible for its safety (if installed within his premises).

13.2 MMRCL shall provide supply, if available, at one fixed point as per MMRCL plan. All cabling work to tap off the supply from the fixed point and to avail it within his premises shall be done by the Bidder.

13.3 Only FRLS (as applicable) cable of required size shall be used for tapping off supply from MMRCL fixed supply to Licensee/Bidder premises in rigid GI Conduit pipe.

13.4 Licensee/Bidder shall also do wiring within his shop/bare space/stall by using GI conduit or fire resistance PVC casing/caping. The Licensee/Bidder shall use FRLS copper wire of the required size (the wiring scheme, the type of wiring, size of wires, various loads, plug point, light fan etc. shall be as per MMRCL's approval).

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13.5 MMRCL shall provide Power Supply of single phase, 230V (± 10%), 50Hz for a max. Connected load up to 10kW, Electrical load requirement exceeding 10 KW shall be given on 3-phase, 415V (± 10%), 50Hz subject to availability.

13.6 Licensee/Bidder shall be given only normal power supply available in station premises. Licensee/Bidder may use suitable voltage stabilizers and power factor correction equipment as per his requirement with prior approval by MMRCL. MMRCL shall not be providing any standby power supply from station DG set or UPS.

13.7 Licensee/Bidder shall not be permitted to use any standby Diesel Generator Sets. Licensee shall only be the permitted to use standby UPS/Inverter system shall also be taken as a part of total connected load. Licensee/Bidder shall seek technical specification approval from MMRCL.

13.8 Licensee/Bidder shall use Energy efficient lighting & shall provide proper Lighting fixtures, Lamps, LED etc. Licensee shall provide uniform & good illumination level not less than 200 Lux in any case.

13.9 Licensee/Bidder shall use reputed Brand/make Electrical wiring and switch gear items. The Licensed Electrical Contractor at Licensee's/Bidder's cost shall carry the entire work. MMRCL's representative shall inspect and supervise the work.

13.10 Licensee/Bidder shall provide proper Earthing connection as per the applicable standards and shall terminate the same to the MMRCL's Distribution Board or to any other place as directed by the MMRCL. Installation Test Report issued by licensed electrical contractor in the prescribed format (available with the application form) and countersigned by the Bidder shall be submitted by the Licensee. Every shop/bare space/ property Development area must have enough Fire Extinguishers as stipulated.

13.11 Licensee/Bidder shall not be allowed to provide Room Heating appliance of any kind.

13.12 The power shall be supplied normally at the rate of 0.5 KVA/Sq.Mtr. of space licensed out. Minimum load to be given shall be 1 KVA on which the security deposit charges as applicable shall be paid by the



Licensee/Bidder. The excess power if required may be granted subject to availability of spare load with MMRCL.

13.13 In case, Licensee/Bidder draws power more than the connected load, his electricity connection shall be disconnected. The electricity connection shall be provided back on first occasion only when Licensee pays necessary penalty as per State ERC norms and removes excess load. On the subsequent occasion, MMRCL reserves the right to revoke the license and forfeit the interest free security deposit after adjustment of all dues what so ever.

13.14 Theft of electricity and tampering of meter: In case of misuse of electricity, tampering of meter and theft of electricity by Licensee/Bidder is observed by MMRCL then security deposit shall be seized and forfeited and electricity and other utilities provided by the MMRCL shall be terminated immediately. Subsequent action shall be initiated as per MERC guidelines on this subject.

15. That the Licensee/Bidder shall have no objection at any time to the rights of MMRCL to supply energy to any other consumer from the service line or apparatus installed on the Bidder's premises.

16. That the supply shall be used for the purpose that it has been sanctioned by MMRCL and shall not be misused in any way to serve any other purposes.

17. That the supply shall not be extended/sublet to any other premises.

18. That the Bidder's industry/trade has not been declared to be obnoxious, hazardous/pollutant by any Government agency and that no court orders are being infringed by grant of applied electricity connection at the Bidder's premises.

19. That MMRCL shall be at liberty to adjust the electricity consumption charges along with any other charges against the consumption deposit paid by the Bidder, in the event of termination of the agreement prior to the expiry of the contracted period or in case of any contractual default.

20. That MMRCL shall be at liberty to transfer the dues remaining unpaid by the Bidder, after adjusting the advance consumption deposit, to other service connections(s) that may stand in the Bidder's name.

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21. To allow clear and unencumbered access to the meters for the purpose of meter reading, maintenance, inspection, checking, testing etc.
22. That MMRCL shall be entitled to disconnect the service connection under reference in the event of any default and /or non-compliance of statutory requirements and/or in consequence of legally binding order by statutory authority(ies)/court of Law, without prejudice to the MMRCL's rights to exercise its rights under law including that of getting its due payments as on the date of connection. The Bidder undertakes to pay penalty imposed by MMRCL on its own discretion for the damages caused to the leased property on account of any default or non-compliance of any statutory requirements.
23. That all details furnished in this Requisition form are true to the Bidder's knowledge. If any information is found incorrect at a later date, MMRCL shall have the right to withhold/disconnect supply, as the case may be, and forfeit the advance consumption deposit.
24. The Bidder acknowledges and accepts that the relationship of the Bidder with MMRCL is not that of a consumer and a Licensee but that of a commercial arrangement where the Bidder has taken on lease/license premises of MMRCL and the Electricity connection is being provided as a part of the above arrangement.
25. The Bidder hereby acknowledges and declares that, its shall follow and abide by the latest MMRCL policy (Rules and guidelines for releasing E&M (Electrical, VAC & Fire safety)) without any objections.
26. The Bidder further agrees that this declaration given by him shall be construed as an agreement with the MMRCL to the above effect.

Date:

Place:

Signature of Bidder

(Full name)

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Signed and delivered in the presence of:

Witness 1	Witness 2
Signature_____	Signature_____
Full Name_____	Full Name_____
Complete Address _____	Complete Address_____
Phone No._____	Phone No._____

List of Documents to be submitted along with Declaration

1. Installation Test Report issued by Licensed Electrical contractor in the prescribed format (available with the application form) and countersigned by the Bidder.
2. Proof of allotment of the space/area leased out by MMRCL in the form of the following:
   a) Allotment/possession letters, Lease deed
   b) General Power of Attorney together with proof of ownership of the executor. {Applicable in case of company}

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Annexure-G

DECLARATION

[For Under Ground Stations - On Non judicial stamp paper of Rs. 100/-] (Duly notarized)

I_____, son/daughter/wife of _____ Resident of _____ (hereinafter referred to as the "Bidder", which term shall mean and include executors, administrators, heirs, successors and assigns), do hereby swear and declare as under:

OR

_____ , a company incorporated under the provision of the Companies Act 1956, a sole proprietorship, a partnership having its registered office at _____(hereinafter referred as "Bidder", which expression shall unless repugnant to the context or meaning thereof, include its successors and assigns), do hereby swear and declare as under:

That the Bidder is an occupant of the premises no._____ at _____ having taken the premises from MMRCL on the terms and conditions agreed to with MMRCL which include that MMRCL may supply electricity as a part of the lease or license of the premises, based on the commercial arrangement.

The Bidder has requested the MMRCL to provide an electricity connection at the above-mentioned premises in the Bidder's name for the purpose mentioned in the application form.

The Bidder hereby agrees and undertakes:

1. That the Bidder desires to have and agrees with MMRCL to take supply of energy for the above mentioned purpose, for a period of not less than two years from the date of commencement of supply and to pay for the energy so supplied and all other charges at the rates set out in the concerned State Electricity Regulatory Commission's Tariff Schedule and the miscellaneous charges for supply as may

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be in force from time to time, including advance Consumption Deposit and charges mentioned in Annexure H.

2. Licensee shall provide test report/calibration report from NABL accredited laboratory approved by MMRCL (IDEMI, ERTL or as approved by MMRCL). MMRCL may ask licensee/bidder to re-calibrate the energy meter whenever considered necessary from NABL accredited laboratory which are approved by MMRCL.
3. That the Bidder shall have no objection for the DISCOMs to carry out Inspections of the Bidders' Meters & Equipment's & Any Observation made by such Agencies, Which are acceptable to MMRCL, shall be binding on the Bidder for Attention/Compliance.
4. That MMRCL shall be entitled to disconnect the supply of energy by issuing a disconnection notice in writing of 07 days , to the licensee/Bidder, if the Bidder is in default of payment of the due charges.
5. That the licensee/Bidder shall pay the full amount mentioned in the Monthly Consumption Bill as raised by MMRCL before the last date mentioned in issued Monthly Bill.
6. That all or any taxes/duties, as may be levied on the supply of electricity to the licensee/Bidder by MMRCL, shall be paid and borne by the licensee/Bidder.
7. That the Bidder agrees that MMRCL would accept an application from the licensee/Bidder for reduction in load only after two years from the original sanction. All applications for load enhancement by the licensee/Bidder would be dealt with by MMRCL as a new connection and MMRCL would follow the procedure as in the case of a new connection.
8. That MMRCL shall have the right to recover the fixed charges due as per applicable tariff for the remaining contracted period in case the contract is terminated prior to the expiry of the contracted period.
9. That all the electrical work done within the licensee/Bidder's premises including wiring, power outlets and gadgets are used and maintained properly for guarding against short circuits/fires and are as per the Indian Electricity Rule, 1956 and other applicable laws, statutory provisions and standards in force at the time, and indemnify MMRCL against any loss incurred to the licensee/Bidder on this account. Further, the licensee/Bidder agrees that if there is any harm/loss to the

property of MMRCL or to any other third party due to fault in the electrical work, outlets or apparatus within the premises of the licensee/Bidder, all the loss shall be borne by the licensee/Bidder.

10. To pay MMRCL all costs and expenses that MMRCL may incur by reason of a fresh service connection being given to the licensee/Bidder.
11. To indemnify MMRCL against all proceedings, claims, demands, costs, damages and expenses that MMRCL may incur by reason of a fresh service connection given to the bidder.
12. To be bound by MMRCL's conditions of supply, and all applicable acts and rules.
13. That MMRCL shall not be responsible for any interruption/diminution of supply and losses incurred if any due to interruption of supply to Licensee/Bidder.

    13.1 From the MMRCL DB to main MCB / MCB of shop/bare spaces only XLPE insulated armoured copper conductor FRLSZH cables shall be used. Licensee shall have to provide a Low voltage switch-board with MCBs& RCCB's of required capacity with Electronics Static Energy Meters having provision of MDI, TOD etc. of required capacity at his cost conforming to relevant BIS standards and of approved make along with test certificate shall be arranged by the Bidder. The meter shall be installed and sealed by MMRCL, either within the premises of the licensee/Bidder or at a common meter room/board (Common meter room is locked & key, access is not permitted to licensee). Licensee/Bidder shall not tamper with or disturb the meter in any manner whatsoever, and shall be responsible for its safety.

    13.2 MMRCL shall provide supply, if available, at one fixed point as per MMRCL plan. All cabling work to tap off the supply from the fixed point and to avail it within his premises shall be done by the licensee/Bidder. Approval shall be taken from Electrical O&M through concerned controlling department. The Licensee hereby voluntarily and unequivocally agrees not to seek any claim, damage, compensating or any other consideration what so ever on account of time and cost associated in making provision of electricity.

    13.3 That the use of any PVC material is not permitted in the underground stations.

    13.4 Licensee shall also do wiring within his shop/bare space/stall/KIOSK by using GI conduit. The Licensee shall use FRZHLS copper wire of the

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required size (the wiring scheme, the type of wiring, size of wires, various loads, plug point, light, fan etc. shall be as per MMRCL's approval).

13.5 MMRCL shall provide Power Supply of single phase, 230V (± 10%), 50Hz for a max. connected load up to 10 KW, Electrical load requirement exceeding 10 KW shall be given on 3-phase, 415V (± 10%), 50Hz subject to availability.

13.6 Licensee shall be given only normal power supply available in station premises. Licensee may use suitable voltage stabilizers and power factor correction equipment as per his requirement with prior approval by MMRCL. MMRCL shall not be providing any standby power supply from station DG set or UPS.

13.7 Licensee shall not be permitted to use any standby Diesel Generator Sets. Licensee shall only be the permitted to use standby UPS/Inverter System with maintenance free battery. The Load of such standby UPS/Inverter system shall also be taken as a part of total connected load licensee/Bidder shall seek technical specification approval from MMRCL. Licensee/Bidder shall use reputed brand/make electricals wiring and switch gear items. Licensee electrical contractor at Licensee's/Bidder's cost shall carry the entire works. MMRCL representative shall inspect and supervise the work.

13.9 Licensee shall use Energy efficient lighting & shall provide proper Lighting fixtures, Lamps, LED etc. Licensee shall provide uniform & good illumination level not less than 200 Lux in any case.

13.10 Licensee shall provide proper Earthing connection as per the applicable standards and shall terminate the same to the MMRCL's Distribution Board or to any other place as directed by the MMRCL. Installation Test Report issued by licensed electrical licensed electrical contractor in the prescribed format (available with the application form) and countersigned by the Bidder shall be submitted by the Licensee.

13.11 Fire Extinguisher: Every shop/bare space/ property Development area must have enough Fire Extinguishers as stipulated.

13.12 Licensee shall not be allowed to provide Room Heating appliance of any kind.

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13.13 The power shall be supplied normally at the rate of 0.2 KVA/sq. m. of space licensed out. Minimum load to be given shall be 1 KVA on which the security deposit charges as applicable shall be paid by the Licensee. The excess power if required may be granted subject to availability of spare load with MMRCL.

13.14 In case, Licensee draws power more than the connected load, his electricity connection shall be disconnected. The electricity connection shall be provided back on first occasion only when Licensee pays necessary penalty as per State ERC norms and removes excess load. On the subsequent occasion, MMRCL reserves the right to revoke the license and forfeit the interest free security deposit after adjustment of all dues what so ever.

13.15 Theft of electricity and tampering of meter: In case of misuse of electricity, tampering of meter and theft of electricity is observed by MMRCL then security deposit shall be seized and forfeited and electricity and other utilities provided by the MMRCL shall be terminated immediately. Subsequent action shall be initiated as per MERC guidelines on this subject.

14. That the Bidder shall have no objection at any time to the rights of MMRCL to supply energy to any other consumer from the service line or apparatus installed on the licensee/Bidder's premises.

15. That the supply shall be used for the purpose that it has been sanctioned by MMRCL and shall not be misused in any way to serve any other purpose.

16. That the supply shall not be extended/sublet to any other premises.

17. That the Bidder's industry/trade has not been declared to be obnoxious, hazardous/pollutant by any Government agency and that no court orders are being infringed by grant of applied electricity connection at the Bidder's premises.

18. That MMRCL shall be at liberty to adjust the electricity consumption charges along with any other charges against the consumption deposit paid by the Bidder , in the event of termination of the agreement prior to the expiry of the contracted period or in case of any contractual default.

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19. That MMRCL shall be at liberty to transfer the dues remaining unpaid by the licensee/Bidder, after adjusting the advance consumption deposit, to other service connection(s) that may stand in the Bidder's name.

20. To allow clear and unencumbered access to the meters for the purpose of meter reading, maintenance, inspection, checking, testing, etc.

21. That MMRCL shall be entitled to disconnect the service connection under reference in the event of any default and/or non-compliance of statutory requirements and/or in consequence of a legally binding order by statutory authority (ies)/Court of Law, without prejudice to the MMRCL's rights to exercise its rights under law including that of getting its due payments as on the date of connection. The Bidder undertakes to pay penalty imposed by MMRCL on its own discretion for the damages caused to the leased property on account of any default or non-compliance of any statutory requirements.

22. That all details furnished in this Requisition form are true to the Bidder's knowledge. If any information is found incorrect at a later date, the MMRCL shall have the right to withhold /disconnect supply, as the case may be, and forfeit the advance consumption deposit.

23. The Bidder acknowledges and accepts that the relationship of the Bidder with MMRCL is not that of a consumer and a Licensee but that of a commercial arrangement where the Bidder has taken on lease/license premises of MMRCL and the Electricity connection is being provided as a part of the above arrangement.

24. The Bidder hereby acknowledges and declares that, its shall follow and abide by the latest MMRCL policy (Rules and guidelines for releasing E&M (Electrical, VAC & Fire safety)) without any objections.

25. The Bidder further agrees that this declaration given by him shall be construed as an agreement with the MMRCL to the above effect.

Date:

Place:

Signature of Bidder

(Full name)

Signed and delivered in the presence of:

Mumbai Metro Rail Corporation Ltd.

Witness 1	Witness 2
Signature_____	Signature_____
Full Name_____	Full Name_____
Complete Address _____	Complete Address_____
Phone No._____	Phone No._____

List of Documents to be submitted along with Declaration

1. Installation Test Report issued by licensed electrical contractor in the prescribed format (available with the application form) and countersigned by the Bidder.
2. Proof of allotment of the space/area leased out by MMRCL in the form of the following:
   a) Allotment/possession letters, Lease deed
   b) General Power of Attorney together with proof of ownership of the executor. {Applicable in case of company}

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Annexure-H

List of Applicable Charges related to Electric Connection				
Sr. No	**Description/Schedule**	**Unit**	**Charges (Rs)**	**Remark**
1.	Rate of Security Deposit (Temporary/Permanent connection	Per KVA	15,000/-	Refundable & interest free
2.	Electrical supervision charges	Per Energy meter	15,000/-	One time non-refundable + GST as applicable
3.	Rate of Electrical Energy	Per kVAH	Approved tariff of DISCOM	It will be varied/changed time to time as per the MERC guidelines
4.	Rate of MMRCL fixed asset operation & maintenance charges (O&M Charges)	Per kVAH	8/-	-
5.	**Permanent connection:** Electrical energy charges	-	Electrical energy charges + O&M charges	As per Sr. No. 3 and 4 above
6.	**Temporary connection:** Electrical energy charges	-	1.5 x (Electrical energy charges + O&M charges)	

Note: The above mentioned charges are subject to change without prior notice from time to time as per MMRCL Policy.

मुंबई Mumbai Mumbai Metro Rail Corporation Ltd.

R.K. Singh
Sr. DGM/TVE

Dr. Vishwas Ainalkar
Addl. GM/EM-2

Kamaljeet Saluja
Addl. GM/EM-3

Annexure 6: Draft Memorandum of Understanding (MoU)

< To be executed on non-judicial stamp paper of Rs 500, stamped in accordance with the Stamp Act of the Government of Maharashtra >

This 'Memorandum of Understanding' is made on this _____ day of _____ 2025 between Mumbai Metro Rail Corporation Limited (MMRCL), a company incorporated under the provisions of the Companies Act, 1956/2013, having its corporate office at Hallmark Business Plaza, 8° Floor, Sant Dnyaneshwar Nagar, Bandra East, Mumbai 400051, hereinafter referred to as the 'Authority' on the one part, represented by_____ (name and designation of representing officer), MMRCL, which term shall, unless excluded by or repugnant to the context, be deemed to include its representatives, successors and assignees.

And,

_____ (Name of the Appointed Applicant), Company / Corporation / registered under the provisions of the _____ Act, _____ bearing registration number _____ and having its registered office at _____represented by _____ (name and designation of representing officer) on the other part, hereinafter referred to as the 'Operator', which term shall, unless excluded by or repugnant to the context, be deemed to include its representatives, successors and assignees.

1. **Introduction**

i. MMRC intends to enhance accessibility to all the stations by providing Feeder Bus Service to metro stations and promoting public transport usage.

ii. In this regard MMRC intends to appoint qualified and experienced bus operators to plan, operate, and manage bus feeder services that will enhance last-mile connectivity to Metro Line 3 stations. MMRC published EOI no. MMRC / Planning / PLN / Ridership / 49(6)A/EVEOI/01/2025 on XX/07/2025 to which the Appointed Applicant submitted its application.

iii. After evaluation of the Applications, the Authority has selected …… as an Operator for providing Feeder bus service as per the terms and conditions specified in the EOI no. MMRC / Planning / PLN / Ridership / 49(6)A/EVEOI/01/2025 published on XX/07/2025.

iv. This MoU shall be valid for a period of 3 months from the issue of the Letter of Acceptance (LOA) by MMRC and maybe extendable on mutually agreeable terms.

NOW THEREFORE,

In consideration of the mutual promise and consideration set out herein, the Authority and the Appointed Applicant (hereinafter collectively called 'Parties') witness and hereby agree as follows:

1. The following documents hereto shall be deemed to form an integral part of this MoU:
    i. The Letter of Acceptance (LOA) issued by the Authority in favour of the successful Applicant
    ii. All the submission Proposals and documents made by the Applicant as part of the EOI submission
    iii. Corrigendum to the EOI if issued by the Authority
    iv. EOI No. MMRC / Planning / PLN / Ridership / 49(6)A/EVEOI/01/2025 dated _____2025 in its entirety along with all its Annexures
2. In case of any conflict between the EOI (including any corrigendum and / or addendum thereof) and this MoU, the latter shall prevail insofar as the spirit of the EOI is not affected thereby.

AUTHORITY AND APPOINTED APPLICANT REPRESENT AND WARRANT THAT THEY ARE AUTHORISED TO EXECUTE THIS MoU.

In witness whereof, the Parties hereto have caused this MoU to be signed in their respective names as of the day and year first written above.

Authorized Signatory Sign & Stamp

For Mumbai Metro Rail Corporation Limited (Licensor)

Name & Designation:

Phone & Email:

Authorized Signatory Sign & Stamp

For _____ (Licensee)

Name & Designation:

Phone & Email:

Witness:

i. Name, Designation, Contact

ii. Name, Designation, Contact



MUMBAI METRO RAIL CORPORATION LTD
(JV of Govt. of India and Govt. of Maharashtra)

END OF DOCUMENT

Mumbai Metro Rail Corporation Limited (MMRC)
Hallmark Business Plaza, 8° Floor, Sant Dnyaneshwar Nagar, Bandra East, Mumbai 400051
www.MMRC.com