



## **MAHARASHTRA METRO RAIL CORPORATION LIMITED**

**(Pune Metro Rail Project)**

**Joint Venture of Govt. of India & Govt. of Maharashtra**

**CIN: U60100MH2015SGC262054**

**31-Jul-2025**

### **CORRIGENDUM-I**

**Name of Work: Design Verification, Supply, Installation, Testing and Commissioning of Electrical & Mechanical (E&M), Elevators & Escalators Works at Elevated Stations of PCMC-Nigdi Corridor of Pune Metro Rail Project.**

**Tender No: P1A-E&M-01/2025**

**Following Documents shall be a part of Corrigendum-I:**

**Corrigendum-I (Part-A): Response to Bidder's Pre-Bid Queries**

**Corrigendum-I (Part-B): Changes in Tender Conditions**



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**Executive Director/Procurement & Contracts,  
Pune Metro Rail Project,  
Maharashtra Metro Rail Corporation Limited**

Enclosures as above

**Corrigendum-I**  
**Part-A: Response to Bidder's Pre Bid Queries**

Name of Work: Design Verification, Supply, Installation, Testing and Commissioning of Electrical & Mechanical (E&M), Elevators & Escalators Works at Elevated Stations of PCMC-Nigdi Corridor of Pune Metro Rail Project.

Tender No: P1A-E&M-01/2025

SN	Section of Tender Document	Clause no.	Page no. of Tender Document	Description of Clause	Bidders' Queries	Maha-Metro's Response to Bidders' Queries
1	Part- 1 - Bidding Procedures Section II Bid Data Sheet Annexure-II-A Public Procurement (Preference to Make in India)	Annexure-III ROAD MAP FOR PROMOTING INDIGENIZATION FOR ELECTRICAL ITEMS- Sr No. 2A : Lift : Status of Indigenization (Local content: % of Contract cost)	99	<p>Local content is already &gt;60%</p> <p><b>Remarks :</b> 3 Firms (Johnson/OTIS/KONE) are already having manufacturing units in India.</p> <p>Further indigenization: Items like Motors/ Guide rails, buttons are imported &amp; can be indigenized gradually in future contracts.</p> <p>The OSG, Safety Gear, Suspension rope, stainless steels sheets, limit switches etc. are already indigenized.</p>	<p>1. We appreciate the initiative reflected in Annexure-III of the tender document toward promoting indigenization in electrical items, specifically lifts. We note that local content currently exceeds 80% and there is encouragement for further indigenization of select components in future contracts.</p> <p>2. In reference to the current tender, we wish to bring to your attention that the specification of particular makes has rendered the tender restricted in nature, as per the PMO Office Order dated 03/01/2019 (copy attached). We respectfully request that this aspect be reconsidered.</p> <p>3. We, Omega Elevators, are a leading indigenous manufacturer in vertical transportation with over 40 years of industry experience. Our manufacturing facility is located in Ahmedabad, Gujarat, and we actively participate in tenders from various government bodies including Railways, Airports, Metro Rail Corporations, and PSUs across India. Our notable project experience includes:</p> <ul style="list-style-type: none"> <li>- Nagpur Metro (04 Nos. Lifts, Work Completed)</li> <li>- Kochi Metro (03 Nos. Lifts, Ready for Public operations)</li> <li>- GMRC Ahmedabad Metro Phase-II (Total 94 Nos. lifts, 60 Lifts are under revenue operation out of 94 Lifts)</li> <li>- GMRC Surat Metro Phase-I (177 Nos. Lifts, Work Under Progress)</li> <li>- MMRDA Mumbai (12 Nos. Lifts for MMRDA Residential Project, Work Completed)</li> <li>- MRVCL Mumbai (31 Nos. Lifts, Work Under Progress)</li> </ul> <p>4. We affirm that our products fulfill the prescribed local content condition, with more than 80% indigenization, in full alignment with the tender's strategic objectives.</p> <p>In light of this, we earnestly request the inclusion of our "Omega" make lifts in the tender specification and the issuance of a suitable corrigendum to allow wider participation of eligible Indian manufacturers.</p>	Tender Condition Prevails & Please Refer Page No. 51 of Part 1.
2	Part- 1 - Bidding Procedures Section II Bid Data Sheet Annexure-II-A Public Procurement (Preference to Make in India)	Annexure-III ROAD MAP FOR PROMOTING INDIGENIZATION FOR ELECTRICAL ITEMS- Sr No. 2A : Lift : Status of Indigenization (Local content: % of Contract cost)	99	<p><b>Annexure-III</b> <b>ROAD MAP FOR PROMOTING INDIGENIZATION FOR ELECTRICAL ITEMS- Sr No. b. Escalators</b> <b>Status of Indigenization (Local content: % of Contract cost)</b></p> <p>1. Heavy-duty Escalators are started to be manufactured in India. Local content is around 20 to 30%.</p> <p><b>Remarks :</b> Firms like Johnson have already set up their factory in India and have started Heavy duty Escalators.</p> <p>The Escalator Truss, V3F drive, Cables, skirts, balustrade, cladding, lubrication system are already indigenized.</p> <p>The step chain, drive chain, rollers, step, handrail drive system etc. can be indigenized gradually.</p>	<p>1. We appreciate the commitment reflected in Annexure-III of the tender document towards promoting indigenization in electrical items, specifically heavy-duty escalators. We note that several components such as the Escalator Truss, V3F drive, cables, skirts, balustrade, cladding, and lubrication systems have already been indigenized, and that further localization efforts are envisaged.</p> <p>2. However, we would like to respectfully highlight that the current specification of particular makes has rendered the tender restrictive in nature. This appears to be in contradiction with the PMO Office Order dated 03/01/2019, which discourages restrictive tendering practices (copy attached for reference).</p> <p>3. We, Omega Elevators, have been a leading manufacturer in the vertical transportation industry for over four decades. Our escalator manufacturing facility is located in Ahmedabad, Gujarat, and we are an RDSO-approved manufacturer under specification No. RDSO/PE/SPEC/TL/0095-2019 (Rev 3) (approval letter attached). Some of our notable escalator projects include:</p> <ul style="list-style-type: none"> <li>- 98 Nos. Escalators for GMRC Ahmedabad Metro Phase-II, a majority of which are already in successful public operation.</li> <li>- 189 Nos. Escalators for GMRC Surat Metro Phase-I, Work Under Progress.</li> <li>- Order for 87 Escalators from North Eastern Railway, Gorakhpur (Conforming to the RDSO specification cited above).</li> <li>- Order for 10 Escalators from West Central Railway, Bhopal (Conforming to the RDSO specification cited above).</li> </ul> <p>4. We proudly affirm that our products meet the local content requirement, and we are continuously working to indigenize additional components in alignment with national objectives such as Make in India and Atmanirbhar Bharat.</p> <p>In view of the above, we earnestly request your kind consideration to include our "Omega" make Escalators in the tender specifications and issue a suitable corrigendum that enables fair participation of eligible domestic manufacturers.</p>	Tender Condition Prevails & Please Refer Page No. 51 of Part 1.
3	Part- 3 - Conditions of the Contract and Contract Forms Annexure - IX-E Approved make/Vendor (E&M)	Annexure - IX-E - Approved make / Vendor (E&M)	1537	Annexure - IX-E - Approved make / Vendor (E&M) 8. Lift, Escalator, Travelator : Otis, Schindler, Johnson, Kone, Mitsubishi.	We would like to respectfully highlight that the current specification of particular approved makes has rendered the tender restrictive in nature. This appears to be in contradiction with the PMO Office Order dated 03/01/2019, which discourages restrictive tendering practices (copy attached for reference). In view of the above, we earnestly request your kind consideration to include our "Omega" make Lifts & Escalators in the tender specifications and issue a suitable corrigendum that enables fair participation of eligible domestic manufacturers.	Tender Condition Prevails & Please Refer Page No. 754 of Part 2A of Work Requirement.
4	Part 1 Bidding Procedures /Section-III Evaluation & Qualification Criteria 2 Qualification	4.0 Experience 4.2 (a) Specific Experience	140/1767  141,142/1767	<p>(a) Similar works: Design, Supply, Installation, Testing and Commissioning of E&amp;M works of Metro Station / Mass Rapid Transit System/ Railway Stations / Airport. Such E&amp;M work can as well be part of a larger contract. E&amp;M works shall be defined as works containing electrification, Fire suppression Detection, HVAC components.</p> <p>i. Received similar work executed value equivalent to at least INR 59.39 Cr. under a Single Contract.</p> <p>OR</p> <p>ii. Received similar work executed value equivalent to at least INR 37.12 Cr. each under minimum two contracts.</p> <p>OR</p> <p>iii. Received similar work executed value equivalent to INR 29.70 Cr., each under minimum three contracts.</p>	<p>Bidder request that:</p> <ol style="list-style-type: none"> <li>1. The eligibility criteria be broadened to allow participation from reputed contractors having relevant work experience from All Government Organizations/Departments.</li> <li>2. Electrical and Mechanical works Experience Qualification should be considered separately.</li> <li>3. Lift and Escalator works Experience- OEM work experience though MOU with qualified firms should be allowed.</li> </ol>	Tender Condition Prevails

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**Corrigendum-I**  
**Part-B: Changes in Tender Conditions**

**Name of Work:** Design Verification, Supply, Installation, Testing and Commissioning of Electrical & Mechanical (E&M), Elevators & Escalators Works at Elevated Stations of PCMC-Nigdi Corridor of Pune Metro Rail Project.

**Tender No:** P1A-E&M-01/2025

SN	Section of Tender Document	Clause no.	Description as per Tender Document	Description Revised vide Corrigendum-I Part-B
1	Part II Work Requirement-Section VII-F /Electrical work specifications	12.4 SECTION D AUTOMATIC ANALOGUE ADDRESSABLE FIRE DETECTION SYSTEM 12.4.2 Scope of Work	All the component specified here shall be approved by VDS - Verband der Schadenversicherer or Factory Mutual FM.	All the components specified here shall be approved by VDS / UL.
2	Part II Work Requirement-Section VII-F /Electrical work specifications	12.4 SECTION D AUTOMATIC ANALOGUE ADDRESSABLE FIRE DETECTION 12.4.5.1 Control Panel	m. Each system shall provide at least 25 % spare capacity for future expansion as per UL 864 latest edition.	m. Each system shall provide at least 25 % spare capacity for future expansion as per UL/ VDS latest edition.
3	Part II Work Requirement-Section VII-F /Electrical work specifications	12.4 SECTION D AUTOMATIC ANALOGUE ADDRESSABLE FIRE DETECTION SYSTEM 12.4.5.4 Detectors 12.4.5.4.1 General	b. Detectors shall comply with NFPA 72, BS 5445: Part 1, LPC, UL listed or equivalent standard, multisensory. The internal circuits shall be of solid state device and shall be hermetically sealed to prevent their operation from being impaired by dust, dirt, humidity, corrosion or mechanical shock.	b. Detectors shall comply with NFPA 72, BS 5445: Part 1, LPC, UL, VDS or equivalent standard, multisensory. The internal circuits shall be of solid state device and shall be hermetically sealed to prevent their operation from being impaired by dust, dirt, humidity, corrosion or mechanical shock.
4	Part II Work Requirement-Section VII-F /Electrical work specifications	12.4 SECTION D AUTOMATIC ANALOGUE ADDRESSABLE FIRE DETECTION SYSTEM 12.4.5.4.3 Heat Detectors	It shall comply with BS 5445: Part 5 Grade 1 or UL listed and equal, and Maharashtra fire service approved.	It shall comply with BS 5445: Part 5 Grade 1 or UL / VDS and Maharashtra fire service approved.
5	Part II Work Requirement-Section VII-FA /Annexures to BOQ of E&M work specifications	C-03 Annexures of Fire Alarm System	All detectors, devices and panels to be UL listed.	All detectors, devices and panels to be UL / VDS or equivalent compliant.
6	Part III Section-IX PCC Part-B, Clause 13.7	Adjustment for changes in cost (Price Variation Clause)	The rates as per the accepted Bill of Quantities shall be applicable till the completion of the Work and will be varied only to the extent of permissible price variation under this Clause.  b) No price increase will be allowed for periods of delay for which the Contractor is held responsible. The Employer will, however, be entitled to any price decrease occurring during such periods of delay.	Add the following to the existing clause of PCC 13.7:  <b>1.5 No price adjustment shall be payable on the portion of the contract price paid to the Contractor as mobilisation Advance or any other advance.</b>

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