



**MUMBAI METRO RAIL CORPORATION LIMITED (MMRC)**  
**(Joint Venture of Govt. of India and Govt. of Maharashtra)**  
MMRCL Transit Office, Wing 'A', 'E' Block, Bandra Kurla Complex,  
Bandra (East), Mumbai 400051, India.

**Invitation for Bids for “Design, Manufacture, Supply, Installation, Testing & Commissioning of “Rail - cum Road Vehicle along with Rerailing - cum Rescue Equipment” for Project Mumbai Metro Line-3**

**Date: [1<sup>st</sup> November 2022]**

**Loan Agreement Number: [ID-P 268]**

**IFB Number: [MM3-CBS-DEQ-9-04]**

**Addendum No. 1**

<b>Sr. No.</b>	<b>Bidding Documents Reference and Clause No.</b>	<b>Amendment</b>
1	Part 2, Employer's Requirements, Section VI-B, Clause 1.11 (a) (ii)	<b><u>Replace</u></b> (ii) The Response time to attend to the breakdowns shall be <b>8 hours</b> . In case where the Response time ends between 2200 hrs to 0800 hrs next day, the same shall be treated to have been extended up to 0800 hrs next day. <b><u>With</u></b> The Response time to attend to the breakdowns shall be <b>24 hours</b> . In case where the Response time ends between 2200 hrs to 0800 hrs next day, the same shall be treated to have been extended up to 0800 hrs next day.
2	Part 2, Employer's Requirements, Section VI-B, Clause 2.2.11 (d)	<b><u>Replace</u></b> (d) Telescopic cylinders at <b>front &amp; rear</b> rail guiding axle, <b><u>With</u></b> (d) Telescopic cylinders at least on <b>front</b> rail guiding axle.
3	Part 2, Employer's Requirements, Section VI-B, Clause 2.2.17 (c)	<b>Delete</b> Clause 2.2.17 (c).



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
4	Part 2, Employer's Requirements, Section VI-B, Clause No 2.2.18 (a)	<p><b><u>Replace</u></b> Coupling system shall have cranked tow bar with flange at both ends, required for coupling the Rescue Vehicle with metro cars and other maintenance vehicles. One end of the tow bar should be provided with a suitable adapter to couple the Rescue Vehicle <b>with automatic coupler and semi-permanent coupler</b> and designed in interface with Rolling Stock Contractor.</p> <p><b><u>With</u></b> Coupling system shall have cranked tow bar with flange at both ends, required for coupling the Rescue Vehicle with metro cars and other maintenance vehicles. One end of the tow bar should be provided with a suitable adapter to couple the Rescue Vehicle <b>with automatic coupler</b> and designed in interface with Rolling Stock Contractor.</p>
5	Part 2, Employer's Requirements, Section VI-B, Clause 2.3.6	<p><b><u>Replace</u></b> <b>2.3.6 Displacement Jacks or Auto Traversing Jack:</b> (a) Displacement Jacks shall be of minimum 12/6 T capacity (12 T for pushing, 6 T for pulling), closed height max. 575 mm, stroke min. <b>350</b> mm with steel counter support. The working pressure shall be minimum 300 kg/cm<sup>2</sup>. The displacing jack shall have integral oil retaining valves, colour coded connections and the weight shall be less than 25 kgs. (b) Alternatively, <b>Auto</b> Traversing Jack of adequate capacity can be provided. The Traversing Jack shall have single point control from the Control Table.</p> <p><b><u>With</u></b> <b>2.3.6 Displacement Jacks or Auto/Duo Traversing Jack:</b> (a) Displacement Jacks shall be of minimum 12/6 T capacity (12 T for pushing, 6 T for pulling), closed height max. 575 mm, stroke min. <b>320</b> mm with steel counter support. The working pressure shall be minimum 300 kg/cm<sup>2</sup>. The displacing jack shall have integral oil retaining valves, colour coded connections and the weight shall be less than 25 kgs. (b) Alternatively, <b>Auto/Duo</b> Traversing Jack of adequate capacity can be provided. The Traversing Jack shall have single point control from the Control Table.</p>



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
6	Part 2, Employer's Requirements, Section VI-B, Clause 2.3.8 (c)	<p><b>Replace</b> (c) Roller carriages shall be equipped with Counter supports, stopping device with carrying handle and one distance bar having adjustable length to couple two roller carriages. The Contractor shall detail the length of distance bar during design stage.</p> <p><b>With</b> Roller carriages shall be equipped with Counter supports, stopping device with carrying handle and one distance bar having <b>a suitable</b> adjustable length to couple two roller carriages. The Contractor shall detail the length of distance bar during design stage.</p>
7	Part 2, Employer's Requirements, Section VI-B, Clause 2.3.9 (a)	<p><b>Replace</b> (a) Tilting jack shall have 20 T capacity for <b>pulling</b> and have a height of 575 ± 25 mm, working pressure shall be minimum 300 kg/cm<sup>2</sup>, stroke minimum 400 mm with hooked wheel stop. Tilting jack shall be complete with accessories and suitable for quick rerailling of single wheel or car.</p> <p><b>With</b> (a) Tilting jack shall have 20 T capacity for <b>pulling/ pushing</b> and have a height of 575 ± 25 mm, working pressure shall be minimum 300 kg/cm<sup>2</sup>, stroke minimum 400 mm with hooked wheel stop. Tilting jack shall be complete with accessories and suitable for quick rerailling of single wheel or car.</p>
8	Part 2, Employer's Requirements, Section VI-B, Clause 2.3.16 (a) (i)	<p><b>Replace</b> (i) Hydraulically Operated Cutter with maximum Cutting Force being at least 600 kN and adequate for cutting 5 mm thick Steel Sheet SS 301LN- HT. The weight of the cutter shall not be more than <b>15 kgs.</b></p> <p><b>With</b> Hydraulically Operated Cutter with maximum Cutting Force being at least 600 kN and adequate for cutting 5 mm thick Steel Sheet SS 301LN- HT. The weight of the cutter shall not be more than <b>19 kgs.</b></p>
9	Part 1, Bidding Procedure, Section II Bid Data Sheet, ITB 24.1	<p><b>Replace</b> Deadline for bid submission is: Date: <b>10<sup>th</sup> Nov 2022</b> Time: 15:00 hrs.</p> <p><b>With</b> Deadline for bid submission is: Date: <b>17<sup>th</sup> Nov 2022</b> Time: 15:00 hrs.</p>



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
10	Part 1, Bidding Procedure, Section II Bid Data Sheet, ITB 27.1	<p><b><u>Replace</u></b> The Technical Bid opening shall take place at: Date: <b>10<sup>th</sup> Nov 2022</b> Time: 15:15 hrs.</p> <p><b><u>With</u></b> The Technical Bid opening shall take place at: Date: <b>17<sup>th</sup> Nov 2022</b> Time: 15:15 hrs.</p>
11	Part 2, Employers' Requirements, Section VI-A. Appendix1 - Key Dates	<p><b><u>Replace</u></b> <b>KD-3:</b> Delivery of the equipment to MML3 Depot, Mumbai. – 240 Days. <b>KD-4:</b> Installation, Testing and commissioning (including guarantee test) Supply of O&amp;M Manual, Training Manual and Training of O&amp;M Personnel of Employer. – 270 Days. <b>KD-5:</b> Completion of all other obligations under the Contract. – 330 Days.</p> <p><b><u>With</u></b> <b>KD-3:</b> Delivery of the equipment to MML3 Depot, Mumbai. – <b>320 Days.</b> <b>KD-4:</b> Installation, Testing and commissioning (including guarantee test) Supply of O&amp;M Manual, Training Manual and Training of O&amp;M Personnel of Employer. – <b>340 Days.</b> <b>KD-5:</b> Completion of all other obligations under the Contract. – <b>365 Days.</b></p>
12	Part 1, Bidding Procedure, Section II - Bid Data Sheet, ITB 3.1(d)	<p><b><u>Replace</u></b> ITB 3.1(d) Will recognize a Contractor as ineligible to be awarded a Contract if the Contractor or Sub Contractor has been debarred by Delhi Metro Rail Corporation and/or other Metro Rail Corporation chaired by The Secretary, Ministry of Housing &amp; Urban Affairs, Government of India, with the prior concurrence of JICA, as on the due date of submission of Bid.</p> <p><b><u>With</u></b> Will recognize a Contractor as ineligible to be awarded a Contract if the Contractor or Sub Contractor has been debarred by Multilateral and bilateral funding agencies/ Government of India/ Railway Administration/ any State Government undertaking, as on the due date of submission of Bid.</p>

**Place: Mumbai**

**Date: 1<sup>st</sup> November 2022**

**Sd/-**

**(Shri Rajeev)**

**Executive Director (RS & O), MMRC**

