









**MUMBAI METRO RAIL CORPORATION LIMITED**

**Mumbai Metro Line-3 Project**

**IFB No: MM3-CBS-DEQ-9-05**

**Design, Manufacture, Supply, Installation, Testing & Commissioning and Comprehensive Maintenance Service of A) Synchronized Under Floor Lifting System B) Synchronized Mobile Lifting Jacks, and**

**Response to Bidders' Queries (SET-1)**

Sr. No.	Part No. & Section No.	Clause No.	Page No.	Bid Document Clause Description	Bidder's Query /Clarification	MMRC Response
12	Part 1 Section III - Evaluation and Qualification Criteria	2.4.2	8 of 11	<p>Specific Experience:</p> <p>A) A minimum number of equipment as specified below of similar(i) Works (Design, Manufacture, Supply, Installation, Testing &amp; Commissioning of: Pit Jacks- Eight (08) sets for 3 car train and above including at least two (02) sets of 6-car train and above.</p> <p>Mobile Jacks- Eight (08) sets of 3- car train and above including at least two (02) sets of 6-car train and above. that has been satisfactorily and substantially(ii) completed for Metro/Railway/MRT systems since 1st January 2015 by the Eligible Bidders(iii).</p>	<p>We are Manufacturer &amp; Supplier of Pit Jacks, Mobile Lifting Jacks &amp; Bogie Turn Table and supplied many systems in the world. As per said clause, the past supply refernces of Pit Jacks &amp; MLJs for 6 Car System and 3 Car System shall be from 1st January 2015. We have supplied many 3 Car System of Pit Jacks &amp; MLJs till date. However, for 6 Car System of Pit Jacks &amp; MLJs, we have past supply refernce from the year 2008. And due to said clause, we are unable to meet the EQC.</p> <p>Hence, we request you to kindly consider the period of past supply refernce from 1st January 2008.</p>	<p><b>Please refer to Addendum No 1, Sr No 2.</b></p>
13	Part 1 Section III - Evaluation and Qualification Criteria	2.4.2	8,9,10 of 11	<p>Specific Experience:</p> <p>A) A minimum number of equipment as specified below of similar(i) Works (Design, Manufacture, Supply, Installation, Testing &amp; Commissioning of: Pit Jacks- Eight (08) sets for 3 car train and above including at least two (02) sets of 6-car train and above.</p> <p>Mobile Jacks- Eight (08) sets of 3- car train and above including at least two (02) sets of 6-car train and above. that has been satisfactorily and substantially(ii) completed for Metro/Railway/MRT systems since 1st January 2015 by the Eligible Bidders(iii).</p> <p>C) A minimum number of respective Equipment, as specified below shall be in operation in Metro/Railway/ MRT systems with satisfactory performance over a minimum period of two (02) years after commissioning and supported by a performance certificate from the end-client. Out of these Equipment, at least one (01) Equipment of each type shall have been in operation outside the country of manufacture or in India.</p> <ul style="list-style-type: none"> <li>• Pit Jacks- Three (03) sets for 3-car train and above including at least one (01) set of 6-car train and above.</li> <li>• Mobile Jacks- Three (03) sets for 3-car train and above including at least one (01) set of 6-car train and above.</li> </ul>	<p>Most of the Metros in India like DMRC, LMRC etc. have place orders for 2-cars and above underfloor lifting Jacks and Mobile lifting jacks inder Make in India initiative and have simultaneously considered the eligibility criteria of 2-car system. Therefore we would warmly request to also consider the same by amending the eligibility criteria.</p>	<p><b>Please refer to Addendum No 1, Sr No 2.</b></p>

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14	Part 1 Section III	2.4 <u>Notes for the Bidder:</u> (iv)	11 of 11	(iv) For Contracts under which the Bidder participated as a JV member, only the Bidder's share, by value, shall be considered to meet this requirement.	Collective experience of JV members must be considered , not with individual limits and not the bidder's experience as it prohibits companies to form JV for the purpose of Make in India .	As per EQC 2.4.2 (Specific Experience), the Bidder as Single Entity / Joint Venture (All Parties Combined ) Must meet requirements.  <b>Please refer to Addendum No 1, Sr No 3.</b>
15	Part 1 Section III	2.4 <u>Notes for the Bidder:</u> (v)	11 of 11	(v) In case of a JV, the value of Contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single Contract has been met. Instead, each Contract performed by each member shall satisfy the minimum value of a single Contract as required for single entity. In determining whether the JV meets the requirement of total number of Contracts, only the number of Contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.	In JV , any one of the partner should be allowed to meet this requirements and not all parties of the JV	The details are provided in Clause 2.4.2 under the heading 'All Parties Combined'.  <b>The Bidding Documents conditions prevail.</b>
16	Part 1 Section IV-A - Bidding Forms	Bid Form 1: Bidder's Technical Proposal of Equipment A5	3 of 26	Bidder shall detail the specific standards which shall be utilized in the design of the Equipment.	Please note that the Document of International Standards is a intellectual and non-transferable document once purchase. Therefore, it will not be possible to submit / supply the copy of Standards used in design of the equipment. Seperate list of Standrds can be submitted to MMRCL during design review stage. Hence, we request you to kindly delete this clause.	The Clause A5, Bid Form 1, Technical proposal, Section IV-A, Bidding Forms, specifies details, i.e., list of the specific standards which shall be utilized in the design of the Equipment.  <b>Bidding Documents conditions prevail.</b>



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17	Part 2 Section VI-A- General Specifications	APPENDIX 1	42 of 63	APPENDIX 1- Key Dates Schedule of Key Dates- Pit Jacks KD – 3 Delivery of the Equipment at MML3 Depot, Mumbai. – 266 Days  Schedule of Key Dates- Mobile Jacks KD – 3 Delivery of the Equipment at MML3 Depot, Mumbai. - 224 Days	Considering the Size of UFLS & MLJ mentioned in the tender and lead time for procurement of critical items for manufacturing, Blasting & Painting, FAT at manufacturers premise, delivery time of 266 days for Pit Jacks and 244 days for MLJ are is very short duration and cannot be meet. Hence, we request you to kindly consider the following possible delivery time for Pit Jacks & Mobile Lifting Jacks: Pit Jacks KD – 3 Delivery of the Equipment at MML3 Depot, Mumbai. – 505 Days Mobile Jacks KD – 3 Delivery of the Equipment at MML3 Depot, Mumbai. – 505 Days	<b>Please refer to Addendum No 1, Sr No 4.</b>
18	Part 1 Section IV-B - Pricing Document	1.1	1 of 27	Preamble: The Pricing Document shall be read in conjunction with Invitation for Bids, Instructions to Bidders and all Bidding Documents, Specifications and Drawings as listed in Sub-Clause 6.1 of Part 1, Section I, ITB and Section II, BDS. Contract (Design, Manufacture, Supply, Installation, Testing & Commissioning and Comprehensive Maintenance Service of the Facilities including supply of O&M manuals, Training of Employer's O&M staff) is a Fixed Price Contract.	We request you to consider that in case of any variation in statutory taxes / levies, by the Government of India, the same shall be effective and the contract price will be amended accordingly. Also, in case of abnormal and unforeseen delays in the project, the contractor should be suitably compensated as per JICA norms.	The Bidding documents provides for the payments against variation in taxes, etc. The Contract is governed under JICA Norms and the same shall be followed.  <b>Bidding Documents conditions prevail.</b>
19	Part 1 Section IV-B - Pricing Document	Schedule No. 4: Installation, Testing & Commissioning, and Other Services-	13 of 27	Schedules of Rates and Prices: Schedule No. 4: Installation, Testing & Commissioning, and Other Services- (Price to be quoted as per Clause 1.2.1) - The total amount quoted in Schedule No. 4 shall not be less than 20% of the total quoted price indicated in Schedule No 6 (sum of prices quoted in Schedule Nos. 1 to 4) for respective Equipment.	We request you to kindly withdraw such restrictive conditions, because other vice it is difficult to balance the Make In India local content requirement.	<b>Bidding Documents conditions prevail.</b>
20	Part 1 Section IV-B - Pricing Document	Appendix A1	25 of 27	Appendix A1: Mandatory Spares	Since, the Pit Jacks, Mobile Lifting Jacks and Bogie Turn Table will be under Comprehensive Maintenance during 2 Years DLP Period and 5 Years AMC Period, the contractor will be responsible for supply of Spares & Consumables, hence, we recommend that no mandatory spares should be purchased by MMRCL as it will increase the cost of project unnecessarily	<b>Bidding Documents conditions prevail.</b>



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21	Part 2 Section VI-B- Technical Specifications	2.3 g)	9 of 27	Any material required for holding the Auxiliary Rails/ Split Rails (i.e., pre-cast bridges, steel supports etc.) shall also be in the scope of the Contractor.	Concrete Rail Bridges (pre-cast bridges) with concrete grade of M55 and Grouting work are a part of Civil Work and should be in Depot Civil Contractor's scope.  Fig. Concrete Rail Bridge Auxiliary Rails, Support frames, ladder, vertical beams and service pit covers will be provided by Pit Jacks supplier. Hence, we request to kindly add the above mentioned points in Civil Contractor Scope of Work and Interface.	This is a part of the Equipment and the work is to be executed by the Contractor.  <b>Bidding Documents conditions prevail.</b>
22	Part 2 Section VI-B- Technical Specifications	2.4.3 c)	11 of 27	The synchronization of lifting spindle motors shall be monitored and controlled by suitable variable frequency drive (VFD) and PLC control system.	In Bogie Hoist and Body Stand, the operating speed of 0.4 m/min & 0.8 m/min are constant and does not require any VFD with geared motor. Providing VFD for each geared motor is not practically and economically viable. Hence, we request you to kindly delete requirement of VFD for each motor.	<b>Bidding Documents conditions prevail.</b>
23	Part 2 Section VI-B- Technical Specifications	2.4.3 c)	11 of 27	The synchronization of lifting spindle motors shall be monitored and controlled by suitable variable frequency drive (VFD) and PLC control system	The synchronization of lifting spindle motors shall be monitored and controlled by suitable variable frequency drive (VFD) and or PLC control system	<b>Bidding Documents conditions prevail.</b>
24	Part 2 Section VI-B- Technical Specifications	2.4.4 i)  3.4.6 a)	11 of 27  18 of 27	Master Control Console shall be of robust enclosures with material of construction as steel sheets SS-316 (2 mm thickness) and duly treated & colour painted (epoxy paint or powder coated) for longer life and suitably braced to form a rigid structure.  The master control console shall be located centrally at a suitable location for effective monitoring of the operation. It shall be fabricated of sufficiently thick (at least 2 mm) SS-316 steel sheets and duly treated and painted (epoxy paint, or powder coated) for longer life.	The standard material used for electrical cabinet is IS2062 E250BR which makes the cabinet tough and economical. Use of stainless steel grade 316L will make cabinet heavy and very expensive unnecessarily. Hence, we request you to kindly modify the clause.	The depot being located in corrosive environment of Mumbai requires stainless steel body of the Control Console  <b>Bidding Documents conditions prevail.</b>





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25	Part 2 Section VI-B- Technical Specifications	3.4.6 a)	18 of 27	The master control console shall be located centrally at a suitable location for effective monitoring of the operation. It shall be fabricated of sufficiently thick (at least 2 mm) SS-316 steel sheets and duly treated and painted (epoxy paint, or powder coated) for longer life	The master control console shall be located centrally at a suitable location for effective monitoring of the operation. It shall be fabricated of sufficiently thick (at least 2 mm) SS-316 steel sheets / galvanized steel and duly treated and painted (epoxy paint, or powder coated) for longer life	The depot being located in corrosive environment of Mumbai requires stainless steel body of the Control Console  <b>Bidding Documents conditions prevail.</b>
26	Part 3 Section VII. General Conditions	34	GC-51	Insurance (a) Cargo Insurance During Transport (b) Installation All Risks Insurance (c) Third Party Liability Insurance (d) Automobile Liability Insurance (e) Workers Compensation (f) Employers Liability (g) Other Insurances	The said clause is accepted and will be complied. However, we would like to inform you that all the required Insurances will be submitted during the equipment delivery stage and not immediately after signing of contract.	The insurances are required to be submitted immediately after signing the Contract as per JICA conditions of the Contract.  <b>Bidding Documents conditions prevail.</b>
27	Part 3 Section VII. General Conditions  Section VIII - Particular Conditions of Contract	11.2  PC 11.2	GC-13  4 of 11	Unless an adjustment clause is provided for in the PC, the Contract Price shall be a firm lump sum not subject to any alteration, except in the event of a Change in the Facilities or as otherwise provided in the Contract.  The Part A of the Contract (Facilities) is a Fixed Price contract and shall not be adjusted for any Price Adjustment to the Contract Price.	Having gone through force majeure conditions like Covid Pandemic and Russia – Ukraine war, we request you to incorporate the Price Variation clause & Price Adjustment Clause in the contract.	This being a short term project, no price variation clause is applicable. The Contract shall be dealt with Contract conditions with regard to Force Majeure conditions.  <b>Bidding Documents conditions prevail.</b>
28	Part 3 Section IX Contract Forms	2.2	3 of 22	CF2- Contract Agreement The Employer shall instruct its bank to issue an irrevocable confirmed Letter of Credit made available to the Contractor for payments in foreign currencies in a bank in the country of the Contractor.	In addition to the same, we request you kindly consider LC Payment mode also as an alternate option for Local Currency Payment. All other Metros and Indian Railways are also providing an option of LC payment mode.	<b>Bidding Documents conditions prevail.</b>

