



MUMBAI METRO RAIL CORPORATION LIMITED (MMRC)
(Joint Venture of Govt. of India and Govt. of Maharashtra)
MMRCL Line 3 Transit Office, Wing 'A', 'E' Block, Bandra Kurla Complex,
Bandra (East), Mumbai 400051, India.

Invitation for Bids for “Design, Manufacture, Supply, Installation, Testing & Commissioning and Comprehensive Maintenance Service of Rail-cum-Road Diesel Shunter” for Project Mumbai Metro Line-3

Date: [25th November 2022]
Loan Agreement Number: [ID-P 268]
IFB Number: [MM3-CBS-DEQ-9-03]

Addendum No. 1

Sr. No.	Bidding Documents Reference and Clause No.	Amendment
1	Part 1, Section III- Evaluation and Qualification Criteria Clause No. 2.4, Notes for the Bidder: (i)	<p><u>Replace</u> The similarity shall be as “All supplies of Diesel Shunter of Rail-cum-Road type with minimum tractive effort of 220 kN for use in Metro / MRT/ Broad Gauge Railway trains.</p> <p><u>With</u> The similarity shall be as “All supplies of Diesel Shunter of Rail-cum-Road type with minimum tractive effort of 200 kN for use in Metro / MRT/ Standard Gauge Railway trains.</p>
2	Part I, Section IV-B Pricing document. Schedule No. 7	<p><u>Replace</u> Note 1. The Bidder shall make a comprehensive and exhaustive list of all spare parts which may be needed for replacement against wear and tear during the first 12 years of usage of the Equipment, considering usage of the Plant for about 25 trains per day.</p> <p><u>With</u> Note 1. The Bidder shall make a comprehensive and exhaustive list of all spare parts which may be needed for replacement against wear and tear during the first 12 years of usage of the Shunter for about 10 Km/Day on an average over a year.</p>



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3	Part -2, Section VI-A- General Specifications Appendix 1- Key dates.	<p><u>Replace</u></p> <table border="1" data-bbox="725 228 2058 427"> <tr> <td>KD -3</td> <td>Delivery of the Shunter to MML3 Depot, Mumbai</td> <td>270 Days</td> </tr> <tr> <td>KD -4</td> <td>Installation, Testing & Commissioning (excluding Guarantee tests), Supply of O&M Manual, Training Manual and Training of O&M Personnel of Employer</td> <td>300 Days</td> </tr> <tr> <td>KD -5</td> <td>Completion of all obligations (including Guarantee tests) of the Contract under the Contract</td> <td>365 Days</td> </tr> </table> <p><u>With</u></p> <table border="1" data-bbox="725 507 2058 707"> <tr> <td>KD -3</td> <td>Delivery of the Shunter to MML3 Depot, Mumbai</td> <td>330 Days</td> </tr> <tr> <td>KD -4</td> <td>Installation, Testing & Commissioning (excluding Guarantee tests), Supply of O&M Manual, Training Manual and Training of O&M Personnel of Employer</td> <td>360 Days</td> </tr> <tr> <td>KD -5</td> <td>Completion of all obligations (including Guarantee tests) of the Contract under the Contract</td> <td>395 Days</td> </tr> </table>	KD -3	Delivery of the Shunter to MML3 Depot, Mumbai	270 Days	KD -4	Installation, Testing & Commissioning (excluding Guarantee tests), Supply of O&M Manual, Training Manual and Training of O&M Personnel of Employer	300 Days	KD -5	Completion of all obligations (including Guarantee tests) of the Contract under the Contract	365 Days	KD -3	Delivery of the Shunter to MML3 Depot, Mumbai	330 Days	KD -4	Installation, Testing & Commissioning (excluding Guarantee tests), Supply of O&M Manual, Training Manual and Training of O&M Personnel of Employer	360 Days	KD -5	Completion of all obligations (including Guarantee tests) of the Contract under the Contract	395 Days
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4	Part 2, Section VI-B- Technical Specification Clause No. 2.2 Operational Requirements of Shunter: (f)	<p><u>Replace</u> The Shunter shall be capable of starting from the base of Ramp of the tunnel and cross over the Ramp along with empty 8-car train in maximum 2 minutes</p> <p><u>With</u> The Shunter shall be capable of starting from the base of Ramp of the tunnel and cross over the Ramp along with empty 8-car train in less than 8 minutes.</p>																		
5	Part 2, Section VI-B- Technical Specification Clause No. 2.7 Diesel Engine (a)	<p><u>Replace</u> The Diesel engine shall have a capacity to meet the haulage requirements as given in Clause 3.3 with an additional safety margin. The engine capacity shall be at least 450 HP. The engine power shall be transmitted to both the driving axles through gear drive.</p> <p><u>With</u> The Diesel engine shall have a capacity to meet the haulage requirements as given in Clause 3.3 with an additional safety margin. The engine capacity shall be at least 420 HP. The Contractor shall prove the adequacy of Engine capacity during design stage. The engine power shall be transmitted to both the driving axles through gear drive.</p>																		



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
6	Part 2, Section VI-B- Technical Specifications, Clause 2.9 (b)	<p><u>Replace</u> The vehicle shall have provision to generate adequate compressed air (tentative capacity of compressor 2000 litre/minute at 10 kg/cm² pressure) along with suitable air reservoir and equipped with an air dryer for the release of the brake of trailing train, Wagon etc. The Contractor shall interface with the Contractor of Rolling Stock and of Wagon for the compressed air requirements to ensure effective working of train while hauling.</p> <p><u>With</u> The vehicle shall have provision to generate adequate compressed air (tentative capacity of compressor 2000 litre/minute at up to minimum 8.5 and maximum 10 kg/cm² pressure) along with suitable air reservoir. and equipped with an air dryer for the release of the brake of trailing train, Wagon etc. The Contractor shall interface with the Contractor of Rolling Stock and of Wagon for the compressed air requirements to ensure effective working of train while hauling.</p>
7	Part 3, Section VIII- Particular Conditions of Contract, Clause 7.4	<p><u>Replace 2nd Para of Clause 7.4</u> The finished offshore manufactured plant as well as Spares, Jigs, Fixtures, Special tools and Testing and Diagnostic equipment, etc. required to be delivered directly in the MMRC depot at site from the Indian Port shall be considered on DDP (Delivered duty paid) basis with sale taking place at High Seas. However, the responsibility, risks and liabilities arising on account of import and delivery of these goods at site, i.e., freight, transportation, Insurance, unloading, custom clearance, inland transportation, unloading at site as specified by the Employer, etc. lie with the Contractor.</p> <p><u>With</u> The finished offshore manufactured plant as well as Spares, Jigs, Fixtures, Special tools and Testing and Diagnostic equipment, etc. required to be delivered directly in the MMRC depot at site from the Indian Port shall be considered on DDP (Delivered duty paid) basis. The responsibility, risks and liabilities arising on account of import and delivery of these goods at site, i.e., freight, transportation, Insurance, unloading, custom clearance, inland transportation, unloading at site as specified by the Employer, etc. lie with the Contractor.</p>



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
8	Part 1, Section II-Bid Data Sheet ITB Clause No. 24.1	<p><u>Replace</u> The deadline for Bid submission is: Date: 08th December 2022, Time: 15:00 hrs.</p> <p><u>With</u> The deadline for Bid submission is: Date: 20th December 2022, Time: 15:00 hrs.</p>
9	Part 1, Section II-Bid Data Sheet ITB Clause No. 27.1	<p><u>Replace</u> The Technical Bid Opening shall take at: Date: 08th December 2022, Time: 15:15 hrs.</p> <p><u>With</u> The Technical Bid Opening shall take at: Date: 20th December 2022, Time: 15:15 hrs.</p>
10	Part 1, Section III - Evaluation and Qualification Criteria Clause No 2.3.2 Average Annual Turnover ⁽ⁱ⁾	<p><u>Replace</u> Minimum average annual turnover (calculated as total certified payments received for Contracts in progress and/ or completed) as a prime Contractor over the last 5 financial years i.e., turnover values between 01-Apr-2017 to 31-Mar-2022 for the countries where the financial year is ending on 31-Mar or between 01-01-2017 to 31-Dec-2021 for the countries where the financial year is ending on 31-Dec must be USD 2.0 million or the equivalent thereof.</p> <p><u>With</u> Minimum average annual turnover (calculated as total certified payments received for Contracts in progress and/ or completed) as a prime Contractor over the last 5 financial years i.e., turnover values between 01-Apr-2017 to 31-Mar-2022 for the countries where the financial year is ending on 31-Mar or between 01-01-2017 to 31-Dec-2021 for the countries where the financial year is ending on 31-Dec must be USD 250,000 or the equivalent thereof.</p>



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
11	Part 1, Section III - Evaluation and Qualification Criteria Clause No. 2.3.3 Financial Resources.	<p><u>Replace</u> The Bidder shall demonstrate that it has access to, or has available, liquid assets, lines of credit, and other financial means (independent of any Contractual advance payment) sufficient to meet the cash flow requirements of USD 0.6 million or the equivalent thereof for the subject Contract net of the Bidder's other commitments.</p> <p>The Bidder shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet 25% of the total commitments on works currently in progress on the date of Bid submission.</p> <p><u>With</u> The Bidder shall demonstrate that it has access to, or has available, liquid assets, lines of credit, and other financial means (independent of any Contractual advance payment) sufficient to meet the cash flow requirements of USD 75,000 or the equivalent thereof for the subject Contract net of the Bidder's other commitments.</p> <p>The Bidder shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet 25% of the total commitments on works currently in progress on the date of Bid submission.</p>
12	Part 1, Section III - Evaluation and Qualification Criteria Clause No. 2.4.1 General Experience	<p><u>Replace</u> Experience under Contracts in the role of prime Contractor (single entity or JV member), Sub-Contractor or Management Contractor for at least the last seven (7) years starting 1st January 2015.</p> <p><u>With</u> Experience under Contracts in the role of prime Contractor (single entity or JV member), Sub-Contractor or Management Contractor for at least the last three (3) years starting 1st January 2019.</p>
13	Part 1, Bidding Procedure, Section II - Bid Data Sheet, ITB Clause No. 3.1(d)	<p><u>Replace</u> 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 & Urban Affairs, Government of India, with the prior concurrence of JICA, as on the due date of submission of Bid.</p>



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
		<p><u>With</u> 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>
14	Part 1, Section II - Bid Data Sheet, ITB Clause No. 14.2	<p><u>Replace</u> Purchase Preference to local suppliers: ‘Local Content’ means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes, transportation, insurance, installation, Testing & Commissioning, training and after sales service support like AMC/ CMS etc.) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent. ‘Class-I Local Supplier’ means a supplier or service provider whose goods, services or works offered for procurement meets the minimum local content of 50%. ‘Class-II Local Supplier’ means a supplier or service provider whose goods, services or works offered for procurement meets the minimum local content of 20%. The Bidder who meets the requirements of Class-I Local Supplier shall be eligible for purchase preference. The margin of Purchase Preference for Local Suppliers shall be 20%. There shall be no Purchase Preference to Class-II Local suppliers. Local Suppliers shall give undertaking for certifying Local Content per Bid Form 13, Certification of Minimum Local Content, Section IV-A, Part 1.</p> <p><u>With</u> ‘Local Content’ means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes, transportation, insurance, installation, Testing & Commissioning, training and after sales service support like AMC/ CMS etc.) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent. ‘Class-I Local Supplier’ means a supplier or service provider whose goods, services or works offered for procurement meets the minimum local content of 60%. ‘Class-II Local Supplier’ means a supplier or service provider whose goods, services or works offered for procurement meets the minimum local content of 20%.</p>



Sr. No.	Bidding Documents Reference and Clause No.	Amendment
		<p>The Bidder who meets the requirements of Class-I Local Supplier shall be eligible for purchase preference. The margin of Purchase Preference for Local Suppliers shall be 20%. There shall be no Purchase Preference to Class-II Local suppliers.</p> <p>Local Suppliers shall give undertaking for certifying Local Content per Bid Form 13, Certification of Minimum Local Content, Section IV-A, Part 1.</p>

Place: Mumbai,
Date: 25th November 2022

Sd/-
(Rajeev)
Executive Director (RS & O),
MMRC

