



**MAHARASHTRA METRO RAIL CORPORATION LIMITED**

(Pune Metro Rail Project)

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

CIN: U60100MH2015SGC262054

16-April-2026

**CORRIGENDUM-II**

**Name of Work: Five-year Annual Maintenance Contract of TRSL make Metro Rolling Stock (Preventive maintenance and corrective maintenance) for Pune Metro Rail Project Phase-1 of Maha-Metro.**

**Tender No: P1-O&M-16/2025.**

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

**Corrigendum-II (Part-A):** Extension of Dates.

**Corrigendum-II (Part-B):** i) Reply to Pre Bid Queries. (Annexure-A, 03 Pages)

ii) Additional Changes in Clauses by Maha Metro. (Annexure-B, 03 Pages).

iii) Pre-Monsoon Check List Sheet (Annexure-C, 01 Page).

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





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CIN: U60100MH2015SGC262054

16-April-2026

### CORRIGENDUM-II (PART-A)

Name of Work: Five-year Annual Maintenance Contract of TRSL make Metro Rolling Stock (Preventive maintenance and corrective maintenance) for Pune Metro Rail Project Phase-1 of Maha-Metro.

Tender No: P1-O&M-16/2025.

Key Details	Existing Provision (as per Corrigendum-I)	Revised Provision
Tender Document on sale	Tender Document can be downloaded from 16:00 Hrs. on 18-Feb-2026 to 16:00 Hrs. on 25-April-2026 from 'e- Tender portal of Govt. of Maharashtra' i.e. <a href="https://mahatenders.gov.in">https://mahatenders.gov.in</a> (hereinafter referred to as 'Maha-Tenders Portal')	Tender Document can be downloaded from 16:00 Hrs. on 18-Feb-2026 to 16:00 Hrs. on 29-April-2026 from 'e- Tender portal of Govt. of Maharashtra' i.e. <a href="https://mahatenders.gov.in">https://mahatenders.gov.in</a> (hereinafter referred to as 'Maha-Tenders Portal')
Last Date & Time for submission of Bids	Online submission up till 16:00 Hrs. on 25-April-2026 on Maha-Tenders portal.	Online submission up till 16:00 Hrs. on 29-April-2026 on Maha-Tenders portal.
Date & Time of Opening of Technical Bids	On 27-April-2026 at 16:30 Hrs in Metro Bhavan, 4 <sup>th</sup> Floor, Procurement & Contracts dept., District Court Interchange Metro Station, Nyaymurti Ranade Path, Shivajinagar, Pune-411005, Maharashtra, India.	On 30-April-2026 at 16:30 Hrs in Metro Bhavan, 4 <sup>th</sup> Floor, Procurement & Contracts dept. District Court Interchange Metro Station, Nyaymurti Ranade Path, Shivajinagar, Pune-411005, Maharashtra, India.

  
  
 AGM /Procurement & Contracts,  
 Pune Metro Rail Project,  
 Maharashtra Metro Rail Corporation Limited.

Name of Work: Five year Annual Maintenance Contract of TRSL make Metro Rolling Stock Preventive maintenance and corrective maintenance for Pune Metro  
Rail Project Phase 1 of Maha Metro

S. No.	Page No.	Clause No.	Bid Condition	Bidder's Queries	MAHA-METRO Clarification																																		
1	76 of 314 77 of 314	6.9 6.14	<p>The periodicities of Rolling Stock preventive maintenance adopted by MAHA-METRO are given below.</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Maintenance</th> <th>Periodicity</th> <th>Kilometers</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Train Fitness Check</td> <td>Once in 7/10/15 days</td> <td>-</td> </tr> <tr> <td>2</td> <td>A Service Check</td> <td>Once in 45 days</td> <td>18,750</td> </tr> <tr> <td>3</td> <td>B Service Check</td> <td>Once in Three Month</td> <td>37,500</td> </tr> <tr> <td>4</td> <td>C Service Check</td> <td>Once in Six Month</td> <td>75,000</td> </tr> <tr> <td>5</td> <td>D Service Check</td> <td>Once in a Year</td> <td>1,50,000</td> </tr> </tbody> </table> <p>The various Preventive Maintenance schedules, approximate man- hours required, period of train availability/Downtime and number of schedules for 34 train sets per year are given</p> <table border="1"> <thead> <tr> <th>SN</th> <th>MAINTENANCE</th> <th>Approximate man hours required</th> <th>Max. allowed time for completing activity</th> <th>Approx. Number of schedules per year</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Train Fitness Check</td> <td>8</td> <td>2 hrs</td> <td>1768</td> </tr> </tbody> </table>	SN	Maintenance	Periodicity	Kilometers	1	Train Fitness Check	Once in 7/10/15 days	-	2	A Service Check	Once in 45 days	18,750	3	B Service Check	Once in Three Month	37,500	4	C Service Check	Once in Six Month	75,000	5	D Service Check	Once in a Year	1,50,000	SN	MAINTENANCE	Approximate man hours required	Max. allowed time for completing activity	Approx. Number of schedules per year	1	Train Fitness Check	8	2 hrs	1768	<p>The Train Fitness Check periodicity is not clearly specified—whether it is to be carried out every 7, 10, or 15 days. As per Clause 6.14, the number of schedules indicates a 7-day cycle.</p> <p>Kindly confirm the applicable periodicity and the corresponding number of schedules, as any variation affecting the number of schedules will have significant impact on our cost estimation.</p>	<p>Refer Sr. No.1 of Schedule-A:Preventive Maintenance of Section-9 Financial Bid of Pg No. 312 of 314 of Bid Document.</p>
SN	Maintenance	Periodicity	Kilometers																																				
1	Train Fitness Check	Once in 7/10/15 days	-																																				
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1	Train Fitness Check	8	2 hrs	1768																																			
2	77 of 314	6.15	<p>Interior and exterior cleaning of rakes equipment The cleaning of all equipment covers for traction converter, auxiliary converter etc, rust removal in car body including roof, HVAC covers, cleaning of bogie frames and its mountings and cleaning of other under frame and its equipment, cleaning of filters shall form part of scheduled maintenance, which shall be executed by the contractor</p>	<p>Please confirm the frequency and maintenance schedule for interior and exterior cleaning of rake equipment.</p> <p>Kindly also clarify whether activities other than filter cleaning fall under our scope of work or under the FMS contractor's scope.</p>	<p>Inside cabinet cleaning as per scheduled maintenance in scope of bidder.</p>																																		
3	80 of 314	7.29	<p>Conducting the pre monsoon check in the Trains.</p>	<p>Please provide the details and schedule of this activity</p>	<p>Pre-Monsoon Check will be carried out twice in a year &amp; will be informed 15 days in advance.(Pre-monsoon check sheet attached )</p>																																		
4	80 of 314 86 of 314	7.27 11.5	<p>During attending faults, Corrective maintenance team shall identify the components which require repair/rectification and shall communicate the same to Repair &amp; Retrofit team Two Maintainers with minimum 1 Year experience in Electronics PCB repair and testing</p>	<p>Please confirm whether the 'Repair &amp; Retrofit team' refers to the two technicians described in clause 11.5</p>	<p>Tender Condition Prevails</p>																																		
5	80 of 314	7.28	<p>Conduct fleet checks to identify any repeated failure including pattern failure and propose &amp; implement the corrective action for the same.</p>	<p>Since the failures may be design- related, we request Maha Metro/OEM support to investigate the repeated failures</p>	<p>Tender Condition Prevails</p>																																		
6	82 of 314	7.60	<p>If required, overhauling of certain equipment/devices/sub-systems shall be carried out by contractor based on Maha-Metro instruction</p>	<p>Please provide the details of overhauling</p>	<p>Deleted</p>																																		
7	85 of 314	11.2	<p>Proficiency in Marathi Language is essential for the staff being recruited by the contractor for the maintenance service.</p>	<p>Considering the minimum qualification and experience requirements, it will be challenging to source manpower with proficiency in Marathi. Hence, we request that proficiency in Marathi be treated as preferable rather than mandatory.</p>	<p>Deleted</p>																																		
8	81 of 314	7.49	<p>Preparation of budget requirement for corrective maintenance of trains for each financial year.</p>	<p>Please clarify the scope of the budget. Does it should cover requirement of spares.</p> <p>As corrective maintenance is non- routine, forecasting failures and preparing a budget is difficult.</p>	<p>For corrective maintenance necessary/repair Kits/Tools/test benches / failed card /components will be provided by Maha- Metro and Scope of contractor is to provide trained troubleshooting and maintenance personnel.</p>																																		
9	82 of 314	8	<p>Particular scope of work - conducting mainline train failure attention in all corridors of maha-metro</p>	<p>Please confirm the reporting location of Technicians on the mainline in both corridors.Please confirm the reporting location of Technicians on the mainline in both corridors.</p>	<p>Tender Condition Prevails</p>																																		
10	88 of 314	13.6	<p>Table No.4 - Material Management Services - 24 Hrs a Day - Team Lead 3 - Technicians 2</p>	<p>Kindly provide details of the team lead and technician allocation for Material Management Services at both depots</p>	<p>Tender Condition Prevails and refer section 4 (Experience of proposed staff for maintenance)</p>																																		
11	95 of 314	274	<p>All the office Administrative Materials, facilities, computer, furniture &amp; Stationeries etc. shall be arranged by the Contractor &amp; the cost shall be borne by the Contractor.</p> <p>Contractor shall also provide two number of four wheeler vehicle of Swift Dzire type, well maintained, air conditioned, engine capacity of approx. 1200cc, 5 seater for MAHA-Metro use on round the clock basis and the cost shall be borne by the contractor.</p>	<p>We understand that the scope includes Supplying the vehicles only, without any drivers. Please confirm</p>	<p>Contractor shall employ and make available competent drivers licensed to operate the vehicle round the clock required by the employer.Deployed Vehicle must fulfill all statutory requirement.Fuel and maintenance charges of the vehicle is borne by the contractor.</p>																																		



12	245 of 314	6.1.15. Performance Security (a)	The successful bidder will have to deposit a Performance deposit @ 10 % (Ten Percent) of the awarded value of the work within 15 days of the receipt of the formal Order / LOA before the signing of contract agreement.	In view of the five-year project duration, we request that the Performance Security be calculated as 10% of the Annual Contract Value rather than the total contract value. This adjustment will ensure better working capital management while maintaining a substantial security deposit throughout the project lifecycle.	Tender Condition Prevails
13	57 of 314	3.1 Similar Work Experience (Bid Form B-5A,	The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 4.06 Cr under "One Contract" or "Annualized Cost" not less than INR 2.54 Cr under each of the "Two Contract" or "Annualized Cost" not less than INR 2.03 Cr under each of the "Three Contract" Note 4) "Annualized Cost" means payment received by the contractor in a financial year executing "Similar Work".	We request you to kindly revise the clause as The bidder must have executed "Similar Work" of not less than INR 4.06 Cr under "One Contract" or not less than INR 2.54 Cr under each of the "Two Contract" or not less than INR 2.03 Cr under each of the "Three Contract" And delete Note 4)	Tender Condition Prevails
14	62 of 314	1.1 Stage-I: Technical evaluation of Proposals: (Maximum Marks=100), Weightage=70%	The bidder having the following valid certification of a. ISO 9001 - 2 mark b. ISO 14001 - 2 mark c. ISO 45001 - 1 mark Bidder to submit a valid copy of certificates along with the bid.	We request you to kindly include IRIS (International Railway Industry Standard) certification which is internationally recognized quality benchmark for the railway industry. It replaces multiple individual business audits with one single, globally accepted certification and it is more relevant quality standard. We request you to kindly allocate substantial marks to the IRIS certification.	Tender Condition Prevails
15		ITB 14.10 (Additional Para)(v)	In the case of delay/default in payment of contribution under ESI Scheme and EPF Scheme, besides the recovery of the amounts due by the contractor towards their contribution, penal interest and / or damages as may be levied by the ESI or PF Authorities, a penalty of 20% of the above amount would also be levied and recovered from their security deposit. In the event of cessation of the contract due to any reason whatsoever, the security deposit shall be refunded only after due satisfaction as regards the above payments.	The verification of ESIC and EPF contributions is dependent on the Government portal and beyond the contractor's control. Hence we request that any delays caused by portal processing or verification be allowed.	Tender Condition Prevails
16	313 of 314	Schedule B: Corrective maintenance, Mainline Failure, PPIO, RSC & Material Management services	Note: 1. Maha-Metro shall offer the trainsets to Contractor for IOH during the contract period. The above cost includes manpower costs for IOH, supplying IOH spares, IOH consumables	The scope of work outlined in Clause 1.5 does not include IOH. However, in Schedule B, the Note mentions that IOH costs to be included in the costing Kindly clarify.	Note 1 and 2 Deleted
17	78 of 314	PARTICULAR SCOPE OF WORK — CONDUCTING CORRECTIVE MAINTENANCE OF TRAINS INCLUDING REPAIR & RETROFIT WORKS	Rolling Stock Corrective maintenance currently consists of various activities viz Failure management Failure Analysis & Investigation Root Cause Analysis. Repair/Replacement Activities Retrofit Activities	Regarding the scope of Repair and Retrofit Activities, since these activities require design level inputs/OEM involvement, it is our understanding that the design of the prototype repair/retrofit will be provided by Maha Metro, while our scope is limited to the implementation of the repair/retrofit across the fleet. We kindly request your confirmation of this understanding and a revision of the scope accordingly.	1. Scope is limited to the implementation of repair/retrofit across the fleet. 2. Design level input / OEM level input is Maha-Metro responsibility.



S. No.	Page No.	Clause No.	Bid Condition	Bidder's Queries	MAHA-METRO REPLY
18	276 of 314	Section 7 : Bidding & Contract Forms, Form B-6B a : Form of Joint Bidding Agreement, clause	The "Lead Member" is hereby authorized by the Members of JV/Consortium and Parties to the JV/Consortium Agreement to bind the JV/Consortium, incur liabilities and receive instructions for and on behalf of all Members. It is agreed by all the Members that entire execution of the Contract including payment shall be carried out exclusively through the "Lead Member".	Since in case of consortium, no separate bank account can be opened, it is requested to kindly modify the clause to "The "Lead Member" is hereby authorized by the Members of JV/Consortium and Parties to the JV/Consortium Agreement to bind the JV/Consortium, incur liabilities and receive instructions for and on behalf of all Members. It is agreed by all the Members that entire execution of the Contract shall be carried out exclusively through the Lead Member.	Tender condition prevails
19	277 of 314	Section 7 : Bidding & Contract Forms, Form B'6B, Clause 15 of (a) form of Joint Bidding Agreement (JV/Consortium)	It is agreed by all the Members that there shall be separate JV/Consortium Bank Account (distinct from the bank accounts of the individual Members) to which the individual Members shall contribute their share and the financial obligations of the JV/Consortium shall be discharged through the said JV/Consortium Bank Account only and also all the payments received by the JV/Consortium from the Employer shall be through that account alone.	Since in case of consortium, no separate bank account can be opened, it is requested to kindly modify the clause to "The "Lead Member" is hereby authorized by the Members of JV/Consortium and Parties to the JV/Consortium Agreement to bind the JV/Consortium, incur liabilities and receive instructions for and on behalf of all Members. It is agreed by all the Members that entire execution of the Contract shall be carried out exclusively through the which the individual Members shall contribute their share capital and / or working capital and the financial obligations of the JV/consortium shall be discharged through the said JV/consortium Bank Account only and also all the payments received by the JV/Consortium from the Employer shall be through that account alone. further, in case of consortium same shall be processed either through bank accounts of individual members or the lead member'	Tender condtion Prevails
20	280 & 282 of 314	Section 7: Form B-6B (b),	Form of Board Resolution & Power of Attorney for JV/Consortium: (A) Format for the Board resolution to be passed by "Lead Member" of JV/ Consortium (applicable in case the Bidder is a JV/Consortium. (B) Format for the Board resolution to be passed by other Member other than the Lead Member of JV/ Consortium (applicable in case the Bidder is a JV/Consortium)	Since we are a public listed company, it is not possible to issue separate board resolution for individual tender. In this regard it is therefore requested that in case of public listed companies, these forms can be issued by Company secretary having delegation of such powers.	Tender Condition Prevails



Tender No.: P1-O&amp;M-16/2025

Annexure-B

Name of Work: Five year Annual Maintenance Contract of TRSL make Metro Rolling Stock Preventive maintenance and corrective maintenance for Pune Metro Rail Project Phase 1 of Maha Metro

## Additional Changes in Clauses by Maha - Metro

S. No.	Page	Clause No.	Existing Clause	Revised To																
1	238 of 314	Section-6 Clause 6.1.2 (b)	<p><b>Payment of Mobilization Advance</b></p> <p>The Employer shall make an advance payment, as an interest-bearing loan for mobilization and cash flow support, when the Contractor submits a guarantee in accordance with this Sub-Clause. The total advance payment, the number and timing of instalments (if more than one), and the applicable currencies and proportions detailed as under.</p> <p>(i) <b>Mobilization Advance:</b> interest bearing Mobilization advance shall be 20% of original contract value payable in two equal instalments of 10% (Ten Percent) each in the currencies and proportions of the Accepted Contract Amount Rate of interest shall be charged at "RBI Bank Rate+2% (two percent) per annum" simple interest. Interest will be chargeable and calculated on reducing balance method. Mobilization advance shall be paid against acceptable Bank Guarantee issued from a Scheduled Commercial Indian Bank or Schedule Commercial Foreign Bank (Except Cooperative Bank) having business offices in India. The value of Bank Guarantee taken towards security of "Advance Payment" "Mobilization Advance" shall be 110% of the advance amount requested by the Contractor and valid for 60 Days beyond scheduled completion time. The validity of Advance Bank Guarantee shall be extended as per extended time of contract plus 60 days, if the Advance Amount is not recovered completely. The first installment shall be paid after award of Letter of Acceptance by employer and submission of Performance Guarantee / Security and Advance Bank Guarantee by Contractor. The second installment shall be paid on production of statement of effective and 100% proper utilization of the first installment along with supporting documents duly accepted and certified (with or without modification) by the Engineer. The Contractor shall be required to submit the 'Utilization Certificate' of 1st installment along with Bank Guarantee @ 110% of 2nd installment, with his letter of request. The Contractor, once the 50% of mobilization advance has been recovered, shall have a onetime option to reduce the Bank Guarantee for the mobilization advance by the proportion to the amount recovered.</p> <p>(ii) <b>Amortization / Repayment of Advance Payment-</b>Recovery of the Advance Payment shall be done in respective currencies and shall commence when 20% of the original contract value of the work has been paid in respective currencies (in addition to the mobilization advance) and shall be recovered by deduction of 35% of the amount of each interim payment until the total of mobilization advance is recovered before payment of 80% of Contract price or before the expiry of original contract period (or any extension as approved by the Employer for recovery of advance) whichever is earlier.</p> <p>(iii) If the Employer does not receive this evidence 7 day before the expiry date of this guarantee, the Employer shall be entitled to claim under the guarantee the amount of advance payment which has not been repaid.</p> <p>(iv) <b>Failure of contractor to repay the Advance Amount-</b>If the Contractor fails to repay the advance amount within the stipulated period of repayment as described above in (ii) or its further extension by Employer, in such events Employer is empowered to encash the Bank Guarantee submitted by Contractor against the Advance Payment. Employer is also empowered to encash the Advance Bank Guarantee, if the Contract is terminated or foreclosed or whatever the reasons and Advance Amount is not repaid by Contractor.</p> <p>(v) <b>Advances to be Used only for This Work-</b>The advances shall be used by the Contractor strictly for the purpose of the Contract, and for the purpose for which they are paid. Under no circumstances, shall the advances be diverted for other purposes. Any such diversion shall be construed as a breach of the Contract and the Contractor shall be asked to return the advance at once. The Contractor shall return the advance in one go without demur. The Employer reserves the right for any other remedy prescribed for breach of Contract in this regard. The Contractor, if required by the Employer shall provide the details of Mobilization advance expended or to be expended.</p>	Deleted																
2	257 of 314	Section-6 Clause 13 (Price Variation)	<p><b>Price Variation</b></p> <p>Below PVC formula shall be applicable for AMC works under this contract for all the schedules A, B &amp; C. the Adjustment on Local currency (Indian Rupees) Portion shall be applied to the amount otherwise payable to the Contractor on completion of Works under different milestones as per the following formula:</p> $P_n = a + b(B_n/B_0) + c(C_n/C_0)$ <p>In which:</p> <ul style="list-style-type: none"> <li>P<sub>n</sub> = adjustment multiplier to be applied to the INR portion.</li> <li>'a' is a fixed coefficient representing the non-adjustable portion in contractual payments</li> <li>'b' and 'c', are coefficients representing the proportion of each cost element related to the execution of the Works.</li> <li>'B<sub>n</sub>' and 'C<sub>n</sub>', are the current cost indices for period 'n' (to which the particular interim payment certificate relates) for INR portion.</li> <li>'B<sub>0</sub>', and 'C<sub>0</sub>' are the base cost indices for Local Currency applicable to the Cost Centre as on date of letter of acceptance.</li> </ul> <p>Note:</p> <ol style="list-style-type: none"> <li>Labor Index: "All India Consumer Price Index for Industrial Workers (CPI-IW) (Base Year: 2016=100)" published by Labour Bureau of Ministry of Labour &amp; Employment, Government of India.</li> <li>Wholesale Price Indices: Base 2011-12: Published by Economic Adviser, Ministry of Commerce &amp; Industry, Government of India.</li> <li>In case the indices as indicated in the Table below, changes in composition, it shall be replaced by any index which subsequently substitutes the corresponding indices.</li> <li>The Price Adjustment for each monthly payment will be made at the time of payments for Milestones under Schedule A, B &amp; C.</li> <li>Index codes are as per the following Sources of Index</li> </ol> <table border="1"> <thead> <tr> <th>Index Code</th> <th>Index Description</th> <th>Source Index</th> <th>Weightage</th> </tr> </thead> <tbody> <tr> <td>'a'</td> <td>Non-Adjustable</td> <td>NA</td> <td>0.2</td> </tr> <tr> <td>'b'</td> <td>All India Consumer Price Index for Industrial Workers (CPI-IW)</td> <td>Note i above</td> <td>0.4</td> </tr> <tr> <td>'c'</td> <td>Wholesale Price Index for all Commodities (WPI)</td> <td>Note ii above</td> <td>0.4</td> </tr> </tbody> </table>	Index Code	Index Description	Source Index	Weightage	'a'	Non-Adjustable	NA	0.2	'b'	All India Consumer Price Index for Industrial Workers (CPI-IW)	Note i above	0.4	'c'	Wholesale Price Index for all Commodities (WPI)	Note ii above	0.4	Deleted
Index Code	Index Description	Source Index	Weightage																	
'a'	Non-Adjustable	NA	0.2																	
'b'	All India Consumer Price Index for Industrial Workers (CPI-IW)	Note i above	0.4																	
'c'	Wholesale Price Index for all Commodities (WPI)	Note ii above	0.4																	



3	96 of 314	Section-5 Clause-29,(29.1 to 29.9)	<p><b>29 Mobile app/Web based application requirement</b></p> <p>29.1 A web based mobile app validating and monitoring system shall be implemented for FIVE-YEAR ANNUAL MAINTENANCE CONTRACT OF TRSL MAKE METRO ROLLING STOCK. The same shall be jointly used by the contractor personnel and MAHA-METRO staff.</p> <p>29.2 The Mobile app/ Web based application shall display daily/weekly/monthly plan for ROLLING STOCK MAINTENANCE SERVICES TO MAHA-METRO based on the yearly plan schedule.</p> <p>29.3 The Mobile app shall display the before &amp; after status of the work executed by the contractor with images &amp; videos.</p> <p>29.4 MAHA-METRO performance and acceptance parameters shall be incorporated in the mobile app in a checklist format &amp; the same shall be used by MAHA-METRO for contractor performance evaluation.</p> <p>29.5 Cost such as mobile, Tablet, data charges, if any, shall be borne by the contractor throughout the period of contract.</p> <p>29.6 All data available in this system is confidential &amp; shall be the property of MAHA-METRO. The Contractor shall take backup of this data &amp; handover to MAHA-METRO on quarterly basis.</p> <p>29.7 The app/Web based application shall serve as an important validation tool for MAHA-METRO and billing tool for contractor.</p> <p>29.8 Any validation without the app/web based application will not be considered for billing.</p> <p>29.9 The app shall be capable of making changes in the evaluation check sheets and other documents as per the discretion of MAHA-METRO.</p>	<p><b>29 Contractor to maintain the data in the Maha Metro Dot net portal</b></p> <p>29.1 All Activities pertaining to the Corrective and Preventive maintenance to be integrated in the existing Maha Metro Dot net Platform on daily basis.</p> <p>29.2 The MAHA-METRO .NET platform shall display the daily, weekly, and monthly plans for Rolling Stock Maintenance Services, based on the approved yearly maintenance schedule.</p> <p>29.3 The MAHA-METRO .NET platform shall display the before and after status of the work executed by the Contractor, supported with images and videos uploaded through the system.</p> <p>29.4 Rolling Stock performance and acceptance parameters shall be maintained into the MAHA-METRO .NET platform in a checklist format, and the same shall be utilized by MAHA-METRO for evaluation of the Contractor's performance.</p> <p>29.5 Cost for maintaining Desktop and other necessary equipment for maintaining the database, if any, shall be borne by the contractor throughout the period of contract.</p> <p>29.6 All data available in this system is confidential &amp; shall be the property of MAHA-METRO. The Contractor shall keep the backup of this data &amp; handover to MAHA-METRO on quarterly basis.</p> <p>29.7 The MAHA-METRO .NET platform shall serve as the primary validation tool for MAHA-METRO and shall also form the basis for submission and processing of the Contractor's bills.</p> <p>29.8 Any validation without the Maha Metro Dot net platform will not be considered for billing.</p> <p>29.9 Contractor to make the changes/modification in the evaluation check sheets and other documents in Maha Metro Dot net Platform as per the discretion of MAHA-METRO.</p>
4	97 of 314	Section-5 Clause-30, Sub clause (30.8)	All inspection/audit shall be recorded in the mobile app for the payment process.	All inspection/audit shall be recorded in existing DOT NET portal of Maha-Metro.
5	98 of 314	Section-5 Clause-31, Sub Clause- (31.1) (a)	Monthly payment Invoice to be generated through Mobile App.	Deleted
6	92 of 314	Section-5 Clause-17, Sub clause -(17.6)	The contractor shall adopt a suitable and advanced Management Information System (MIS) to provide efficient and effective and strategy decision making and to achieve the coordinated efforts of the personnel involved. Also, mobile applications shall be developed for general productivity and information retrieval.	The contractor shall adopt a suitable and advanced Management Information System (MIS) to provide efficient and effective and strategy decision making and to achieve the coordinated efforts of the personnel involved.
7	58 of 314	Section-3 Clause-3.2, Notes:SN 2 (i)	<p><b>3.2 Technical &amp; Financial Criteria:</b> <b>Notes:</b></p> <p>2. "Similar Works" means work below completed or ongoing contracts wherein the bidder should have received the payment more than the qualifying amount (as defined in 3.1 i, ii &amp; iii above) in last 7 years for the below works. Client certificate for the payment received should be produced along with the bid.</p> <p>i) Maintenance or Testing &amp; Commissioning Works of Metro trains or Metro train subsystems OR ii) Manufacturing of Metro trainsets in Metro Rail Projects (Government or private owned) OR Railways OR Public Sector Undertakings under Ministry of Railways (GOI) OR Railway SPVs OR Private Railway Systems owned by any Corporate listed in BSE/NSE, as a direct contractor or sub-contractor as a JV/Consortium member. Subsystems in (i) above, means (a) Propulsion &amp; TCMS OR (b) Door &amp; HVAC &amp; Brake systems</p>	<p><b>3.2 Technical &amp; Financial Criteria:</b> <b>Notes:</b></p> <p>2. "Similar Works" means work below completed or ongoing contracts wherein the bidder should have received the payment more than the qualifying amount (as defined in 3.1 i, ii &amp; iii above) in last 7 years for the below works. Client certificate for the payment received should be produced along with the bid.</p> <p>i) Maintenance or Overhauling or Testing &amp; Commissioning Works of Metro Trains or Metro train subsystems OR ii) Manufacturing of Metro trainsets in Metro Rail Projects (Government or private owned) OR Railways OR Public Sector Undertakings under Ministry of Railways (GOI) OR Railway SPVs OR Private Railway Systems owned by any Corporate listed in BSE/NSE, as a direct contractor or sub-contractor as a JV/Consortium member. Subsystems in (i) above, means (a) Propulsion &amp; TCMS OR (b) Door &amp; HVAC &amp; Brake systems</p>
8	254 of 314	Section-6 Clause 6.1.35	Time Line: Total requirement of staff given is minimum. MAHA-Metro will advise the contractor to deploy the required no. of staff in phased manner. The contractor shall mobilize the required staff from 15 days of issue of LOA issued by MAHA-Metro.	Time Line: Total requirement of staff given is minimum. MAHA-Metro will advise the contractor to deploy the required no. of staff in phased manner. The contractor shall mobilize the required staff within 60 days of issue of LOA issued by MAHA-Metro.
9	108 of 314	Section-5 Annexure-05, S.NO-KPI-1, KPI-General 1, Sub-Clause-2	Downtime of biometric attendance/mobile app for recording audit score etc.	Downtime of biometric attendance for recording audit score etc
10	256 of 314	Section-6 Clause-6.2 -Particular Conditions of Contract, S NO (6)	MAHA Metro will supply the special tools and spares (subjected to availability with Maha-Metro) required for scheduled maintenance activities mentioned in Scope of Work, without any cost. However, if any tools and spares are required & not available with Maha-Metro, it shall be procured by the contractor after approval of Maha-Metro. Maha-Metro shall reimburse the 'Actual Cost + 10% overhead' in such procurement by the Contractor. However, supply of uniforms and PPEs (Personnel Protective Equipment) to their maintenance staff is under the scope of contractor. The Contractor shall at all time maintain a minimum of 10% spare PPEs and safety appliances and proper record for verification by Maha-Metro during the inspections. Failing which, appropriate penalty shall be levied.	MAHA Metro will supply the special tools and spares (subjected to availability with Maha-Metro) required for scheduled maintenance activities mentioned in Scope of Work, without any cost. However, if any tools and spares are required & not available with Maha-Metro, the same shall be procured by MAHA Metro based on proper technical justification and requirement submitted by the Contractor. However, supply of uniforms and PPEs (Personnel Protective Equipment) to their maintenance staff is under the scope of contractor. The Contractor shall at all time maintain a minimum of 10% spare PPEs and safety appliances and proper record for verification by Maha-Metro during the inspections. Failing which, appropriate penalty shall be levied.
11	63 of 314	Section-4 Clause-1.1 S. No -5(a)	Proposed Service Manager/Depot Manager - Engineering Graduate (Electrical/Mechanical) with work experience related with Metro Rolling Stock maintenance out of his/her total experience. i. Work Experience more than 10 yrs – 8 marks ii. Work Experience between 5 years to 10 yrs – 5 marks	Proposed Service Manager/Depot Manager - Engineering Graduate (Electrical/Mechanical/Electronics/Electronics and Telecommunication/Instrumentation) with work experience related with Metro Rolling Stock maintenance out of his/her total experience. i. Work Experience more than 8 yrs – 8 marks ii. Work Experience between 5 years to 8 yrs – 5 marks
12	63 of 314	Section-4 Clause-1.1 S. No -5 (b)	Proposed Team Leader (JE/Supervisor) - Engineering Graduate (Electrical/ Mechanical/ Electronics) with minimum 03 Years of work experience OR Diploma (Electrical/Mechanical/Electronics) with minimum 05 Years of work experience related to Metro Rolling Stock maintenance i. >=9nos JE/Supervisors – 10 marks ii. Min. 3nos to 8nos JE/Supervisors staff - 5 marks	Proposed Team Leader (JE/Supervisor) - Engineering Graduate (Electrical/Instrumentation/Mechanical /Electronics/ Electronics and Telecommunication) with minimum 02 Years of work experience OR Diploma (Electrical/Mechanical/Electronics) with minimum 05 Years of work experience related to Metro Rolling Stock maintenance i. >=9nos JE/Supervisors – 10 marks ii. Min. 3nos to 8nos JE/Supervisors staff - 5 marks



13	63 of 314	Section-4 Clause-1.1 S, No -5 ( c)	Proposed Maintainer – ITI Certification in relevant trade with minimum 01 Years of work experience of i. >=27nos Maintainer – 12 marks ii. Min. 12nos to 26nos Maintainer - 7 marks	Proposed Maintainer – ITI Certification in relevant trade with minimum 03 Years of work experience of i. >=27nos Maintainer – 12 marks ii. Min. 12nos to 26nos Maintainer - 7 marks
14	62 of 314	Section-4 Clause-1.1	<b>Stage-I: Technical evaluation of Proposals: (Maximum Marks=100), Weightage=70%</b> On the first stage, the technical proposal will be evaluated on the following criteria. Only those bidders whose technical proposal scores minimum 50 marks out of 100 Marks shall be considered for opening of Financial Bid.	<b>Stage-I: Technical evaluation of Proposals: (Maximum Marks=100), Weightage=70%</b> On the first stage, the technical proposal will be evaluated on the following criteria. Only those bidders whose technical proposal scores minimum 60 marks out of 100 Marks shall be considered for opening of Financial Bid.
15	57 of 314	Section-3 Clause-3 (Technical Criteria) Sub clause 3.1	<b>Similar Work Experience (Bid Form B-5A, B5B)</b> Bidder should have executed "Similar Work" during last 7 years period prior to the latest date of submission of bid and should be either of the following reckoned from the last day of the month previous to the one in which the latest date of the bid submission falls: 1. The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 4.06 Cr under "One Contract". 2. The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 2.54 Cr under each of the "Two Contract". 3. The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 2.03 Cr under each of the "Three Contract".	<b>Similar Work Experience (Bid Form B-5A, B5B)</b> Bidder should have executed "Similar Work" during last 7 years period prior to the latest date of submission of bid and should be either of the following reckoned from the last day of the month previous to the one in which the latest date of the bid submission falls: 1. The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 4.06 Cr under "One Contract" in one year. 2. The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 2.54 Cr under each of the "Two Contract" in one year. 3. The bidder must have executed "Similar Work" of "Annualized Cost" not less than INR 2.03 Cr under each of the "Three Contract" in one year.



## Pre-Monsoon Check Sheet

Sr No	System	Sub System / Component	Check Description	Status (OK/Not OK)	Remarks
1	Roof	Shark fin Antenna	Check antenna mounting, sealing condition and ensure no water ingress or loose fixing.		
2	Roof	HVAC Condenser & Evaporator Coil	Check coil condition, cleanliness		
3	Roof	HVAC Drain hole	Ensure drain holes are clear and not blocked to allow proper water drainage.		
4	Underframe	End wall	Check end wall sealing, gasket & hating connectors, fix properly.		
5	Underframe	Jumper cable	Check Jumper cable conduit proper sealed.		
6	Underframe	Main compressor Junction Box	Check junction box sealing, cable gland tightness and signs of moisture ingress.		
7	Underframe	Horn Pneumatic pack	Check pneumatic sealing, tightness, hating connectors, cable routing and proper horn operation.		
8	Underframe	L13 Valve connectors	Check connectors tightness, corrosion etc.		
9	Underframe	Electrical head isolation cocks (EPIC, BIC, PBIC, ASIC, ASCO, WFLIC, HORNIC)	Check connectors tightness, corrosion etc.		
10	Underframe	WFL Connector	Check connectors tightness, corrosion etc.		
11	Underframe	Aux compressor junction & its connector	Check connectors tightness, corrosion, cable routing, sealing etc.		
12	Underframe	Battery Box & BCCB	Check box sealing gasket, drainage condition of rain gutter & HVAC drain pipe and ensure no water accumulation.		
13	Exterior	Wiper Blade	Check blade condition, rubber wear and proper wiping operation.		
14	Exterior	Saloon door DOL light	Check DOL indicator light cover sealant & tightness		
15	Interior	Cab door limit Switch	Check limit switch cover sealant & tightness		
16	Interior	Saloon Door rubber gasket	Check gasket condition for proper fixing to prevent water ingress.		

Note :- Pre-Monsoon Checksheet shall be reviewed annually, and the scope shall not be limited to the items listed below

