



**CHENNAI METRO RAIL LIMITED
CHENNAI-600 107, INDIA**

ADDENDUM NO-01

TENDER NO.: TM-01-2020

TENDER FOR

COMPREHENSIVE MAINTENANCE OF BALLASTLESS TRACK FOR ELEVATED, UNDERGROUND AND DEPOT SECTIONS IN CORRIDOR 1, 1 EXTENSION & 2.

The following clauses to be changed in the TM-01-2020 contracts.

S. No	As per original Tender Documents				Addendum/Amendments to the Tender document
	Reference Page No.	Tender Clause	Description	Condition of contract	
1	page 27 of 359	GCC 40	Price Inflation	40.1 The Price variation at 5% for the second year, 10% for the third year, 15% for the fourth year, 20% for the fifth year, 25% for the sixth year and 30% for seventh year (if extended) to the base rate (first year cost) is applicable to the base rate (first year cost) is applicable.	Fixed Price Escalation 40.1 The Fixed Price Escalation at 5% for the second year, 10% for the third year, 15% for the fourth year, 20% for the fifth year, 25% for the sixth year and 30% for seventh year (if extended) to the base rate (first year cost) is applicable to the base rate (first year cost) is applicable.
2	Page 34 of 359. Para 6.4	SPC 6.4	Measurement of Contract Performance	However, if error in readings in more than three locations in single curve/turnout/any of the item is imposed with penalty of Rs. 5000 per observation.	However, if error in readings in more than three locations in single curve/turnout/any of the item is observed more than three times during CMRL auditing, the Concerned Employee shall be removed from CMRL project after due notification by CMRL.
3	Page 60 of 359. Para II a	Annexure 14	Evaluation Criteria for Key Personnel-Lead Manager	a) Maintenance of Track works standard guage in Metro or standard gauge mainline Railways experience.	Replace Annexure 14 with Appendix -01
4	Page 60 of 359. Para II b			b) Track maintenance experience in abroad	
5	Page 69 of 359.	Par-A-Scope of work, clause 2.2. and sub clause 2.2.1	Qualification and Experience - Key Personnel- Lead Manager	<p>1. A candidate must possess B.E/ B. Tech (Civil Engineering) with at least 60% marks from a govt. recognized institution with minimum 15 years' experience exclusively in the maintenance of track works in standard gauge Metro Railways or standard gauge Mainline Railways with atleast minimum 5 years of similar experience abroad. Experience exclusively in track maintenance will only be considered and experience in construction of track will not be considered. Additional qualification in management is desirable. (or)</p> <p>2. Diploma in Civil Engineering from a govt. recognized institution with at least 60% marks from a govt. recognized institution with minimum 20 years' experience exclusively in the maintenance of track works in standard gauge Metro Railways or standard gauge Mainline Railways with atleast minimum 5 years of similar experience abroad. Experience exclusively in track maintenance</p>	<p>1. A candidate must possess B.E/ B. Tech (Civil Engineering) with at least 60% marks from a govt. recognized institution with minimum 15 years' experience in track works in Metro Railways or Railways. Additional qualification in management is desirable. (or)</p> <p>2. A candidate must possess Diploma in Civil Engineering with at least 60% marks from a govt. recognized institution with minimum 20 years' experience in track works in Metro Railways or Railways. Additional qualification in management is desirable.</p>

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6	Page 27 of 359	GCC 39	Performance Evaluation	<p>The overall performance grading will be done on regular basis. The payment as per the bill raised by the contractor will depend upon the overall score obtained by the contractor assessed as per SCC 06-Measurement of Contract Performance. The payment terms shall be as below:-</p> <table border="1"> <thead> <tr> <th>Rating</th> <th>Cumulative Performance Score(CPS)</th> <th>Percentage of Payment</th> </tr> </thead> <tbody> <tr> <td>Class 1</td> <td>96% to 100%</td> <td>100</td> </tr> <tr> <td>Class 2</td> <td>91% to 95%</td> <td>95</td> </tr> <tr> <td>Class 3</td> <td>86% to 90%</td> <td>90</td> </tr> <tr> <td>Class 4</td> <td>81% to 85%</td> <td>85</td> </tr> <tr> <td>Class 5</td> <td>75% to 80%</td> <td>80</td> </tr> <tr> <td>Class 6</td> <td>Less than 75%</td> <td>No Payment</td> </tr> </tbody> </table>	Rating	Cumulative Performance Score(CPS)	Percentage of Payment	Class 1	96% to 100%	100	Class 2	91% to 95%	95	Class 3	86% to 90%	90	Class 4	81% to 85%	85	Class 5	75% to 80%	80	Class 6	Less than 75%	No Payment	<p>The overall performance grading will be done on regular basis. The payment as per the bill raised by the contractor will depend upon the overall score obtained by the contractor assessed as per SCC 06-Measurement of Contract Performance. The payment terms shall be as below:-</p> <table border="1"> <thead> <tr> <th>Rating</th> <th>Cumulative Performance Score(CPS)</th> <th>Percentage of Payment</th> </tr> </thead> <tbody> <tr> <td>Class 1</td> <td>81% to 100%</td> <td>100</td> </tr> <tr> <td>Class 2</td> <td>75% to 80%</td> <td>90</td> </tr> <tr> <td>Class 3</td> <td>60% to 74%</td> <td>80</td> </tr> <tr> <td>Class 4</td> <td>Less than 60%</td> <td>No Payment</td> </tr> </tbody> </table>	Rating	Cumulative Performance Score(CPS)	Percentage of Payment	Class 1	81% to 100%	100	Class 2	75% to 80%	90	Class 3	60% to 74%	80	Class 4	Less than 60%	No Payment
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7	Page No. 143/359	Part A- Scope of Work	Item No.:2 CMS-Corrective Maintenance Services	Finance Bid	Please refer corrected Finance Bid																																				
8	Page 10 of 359	GCC 6	6.1. Eligibility Criteria	Average annual financial turnover during last three financial years should be at least Rs.2, 50, 00,000 /- (Indian Rupees Two Crores Fifty Lakhs Only) .	Average annual financial turnover during last three financial years should be at least Rs.1,50,00,000/- (Indian Rupees One Crore fifty lakhs only)																																				
9	Page 10 of 359	GCC 6	6.2. Eligibility Criteria	<p>General Experience: The tenderer shall predominantly be in the business related to Rail industry either in India or Abroad or Both. Work Experience of having completed the business related to Railway Industry during the last Five (5) years, either in India or Abroad or Both, ending last day of the previous month to which this tender is published.</p> <p>“Business related to Rail Industry” means the works of “Construction/Maintenance/Inspection/Certification in Rail Industry”.</p> <p>Work Experience from Reputed Metro Railway/Rail Industry business providers of having completed similar works during last 5</p>	<p>General Experience: The tenderer shall predominantly be in the business related to Rail industry either in India or Abroad or Both. Work Experience of having completed the business related to Railway Industry during the last Five (5) years, either in India or Abroad or Both, ending last day of the previous month to which this tender is published.</p> <p>“Business related to Rail Industry” means the works of “Construction/Maintenance/Inspection/Certification in Railway Track construction or Maintenance”.</p> <p>Work Experience from Reputed Metro Railway/Rail Industry</p>																																				

			<p>years starting from FY 2014-15 either in India or Abroad or both, ending last day of the previous month to which the tender is published. Similar work means “Business related to Rail industry either in India or Abroad or Both”.</p> <p>i. Three similar completed works costing not less than the amount equal to Rs.2.9 crores or ii. Two similar works costing not less than the amount equal to Rs.1.8crores or iii. One similar work costing not less than the amount equal to Rs.1.45crores</p> <p>Note: For running contracts, the experience will be reckoned up to the period for which the last payment was received. Core Experience:</p> <p>In addition to the General Experience stated above, the tenderer shall have on board one key personnel mentioned in Part-A Scope of work.</p> <p>Tenderer shall submit at least two resumes of eligible key personnel for the role of Lead Manager along with experience certificates with bid documents. Experience in project of track work will not be considered as an experience for track maintenance required for this role.</p> <p><u>The selected key personnel shall be intimated by the successful bidder along with letter of acceptance. The bidder is in the position to employ the person within 7 days from the date of receipt of LOA. Failure in Employment of key person within 7 days from LOA the bid shall be determined as non-responsive and it will be summarily rejected.</u></p> <p>Candidates with minimum 80% of weightage from the evaluation criteria attached in ANNEXURE 14 shall be considered for selection. Proof of Experience:</p> <p>Note: a) For General Experience- Copies of the work order and certificate for satisfactory performance of the work issued by respective clients shall be enclosed. b) For Core Experience- Copies of Experience Certificates of lead manager shall be enclosed.</p>	<p>business providers of having completed similar works during last 5 years starting from FY 2014-15 either in India or Abroad or both, ending last day of the previous month to which the tender is published. Similar work means “Business related to Rail industry either in India or Abroad or Both”.</p> <p>i. Three similar completed works costing not less than the amount equal to Rs. 1.2 crores or ii. Two similar works costing not less than the amount equal to Rs. 1.25 crores or iii. One similar work costing not less than the amount equal to Rs.2 crores</p> <p>Note: For running contracts, the experience will be reckoned up to the period for which the last payment was received. Core Experience:</p> <p>In addition to the General Experience stated above, the tenderer shall have on board one key personnel mentioned in Part-A Scope of work.</p> <p>Tenderer shall submit at least two resumes of eligible key personnel for the role of Lead Manager along with experience certificates with bid documents. Experience in project of track work will not be considered as an experience for track maintenance required for this role.</p> <p><u>The selected key personnel shall be intimated by the successful bidder along with letter of acceptance. The bidder is in the position to employ the person within 30 days from the date of receipt of LOA. Failure in Employment of key person within 30days from LOA the bid shall be determined as non-responsive and it will be summarily rejected.</u></p> <p>Candidates with minimum 80% of weightage from the evaluation criteria attached in ANNEXURE 14 shall be considered for selection. Proof of Experience:</p> <p>Note: a) For General Experience- Copies of the work order and certificate for satisfactory performance of the work issued by respective clients shall be enclosed. b) For Core Experience- Copies of Experience Certificates of lead manager shall be enclosed.</p>
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10	Page 20 of 359.	GCC 22.5	Letter of Acceptance (LOA)	The bidder is in the position to employ the key personnel within 7 days from the date of issue of LOA. Failure in Employment of key personnel within 7 days from LOA the bid shall be determined as non-responsive and it will be summarily rejected.	The bidder is in the position to employ the key personnel within 30days from the date of issue of LOA. Failure in Employment of key personnel within 30 days from LOA the bid shall be determined as non-responsive and it will be summarily rejected.																																				
11	Page 33 of 359.	SCC 1.2	Key Personnel	Approval of key personnel shall be communicated with issuance of Letter of Acceptance (LOA). The contractor shall ensure to appoint the approved key personnel within 7 days from the date of receipt of LOA.	Approval of key personnel shall be communicated with issuance of Letter of Acceptance (LOA). The contractor shall ensure to appoint the approved key personnel within 30 days from the date of receipt of LOA.																																				
12	Page 34 of 359.	SCC 6.5	Measurement of Contract Performance:	<p>Every month the performance level of the contractor will be determined by the evaluation items given in table below. The marks obtained for every month will be used as scale for evaluation of the contractor performance.</p> <table border="1"> <thead> <tr> <th>S. No.;</th> <th>Evaluation Items</th> <th>Weightage</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Adhering to Maintenance Plan vs Actual</td> <td>40%</td> </tr> <tr> <td>2</td> <td>Internal Audits</td> <td>30%</td> </tr> <tr> <td>3</td> <td>Penalties</td> <td>15%</td> </tr> <tr> <td>4</td> <td>Near miss / Accidents</td> <td>15%</td> </tr> <tr> <td colspan="2">Cumulative Performance Score</td> <td>100%</td> </tr> </tbody> </table>	S. No.;	Evaluation Items	Weightage	1	Adhering to Maintenance Plan vs Actual	40%	2	Internal Audits	30%	3	Penalties	15%	4	Near miss / Accidents	15%	Cumulative Performance Score		100%	<p>Every month the performance level of the contractor will be determined by the evaluation items given in table below. The marks obtained for every month will be used as scale for evaluation of the contractor performance.</p> <table border="1"> <thead> <tr> <th>S. No.;</th> <th>Evaluation Items</th> <th>Weightage</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Adhering to Maintenance Plan vs Actual</td> <td>80%</td> </tr> <tr> <td>2</td> <td>Internal Audits</td> <td>0%</td> </tr> <tr> <td>3</td> <td>Penalties</td> <td>05%</td> </tr> <tr> <td>4</td> <td>Near miss / Accidents</td> <td>15%</td> </tr> <tr> <td colspan="2">Cumulative Performance Score</td> <td>100%</td> </tr> </tbody> </table>	S. No.;	Evaluation Items	Weightage	1	Adhering to Maintenance Plan vs Actual	80%	2	Internal Audits	0%	3	Penalties	05%	4	Near miss / Accidents	15%	Cumulative Performance Score		100%
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13	Page 33 of 359.	SCC 2.4	Resources	For measurement of accelerations and ride index, the contractor shall purchase the Oscillation Monitoring System (OMS) from the suppliers approved by CMRL or measurement shall be carried out as per the frequency stated in Part-A-Scope of work- by CMRL approved third party agency.	For measurement of accelerations and ride index, CMRL shall provide OMS and the contractor shall carryout the measurement as per the frequency stated in Part-A-Scope of work.																																				

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15	Page 35 of 359.	SCC 9	Maintenance Management System	<table border="1"> <tr> <td data-bbox="1092 772 1202 877">9.1</td> <td data-bbox="1202 772 1944 877">The contractor shall develop a web based maintenance management system within three months from the date of receipt of Letter of Acceptance.</td> </tr> <tr> <td data-bbox="1092 877 1202 1087">9.2</td> <td data-bbox="1202 877 1944 1087">The contractor has to develop maintenance management system in order to monitor the maintenance activities like scheduling , daily works, slippage of scheduled works, measured values, alerts for planning of attentions in connection with preventive maintenance, alerts for planning the corrective maintenance, etc.,.</td> </tr> <tr> <td data-bbox="1092 1087 1202 1297">9.3</td> <td data-bbox="1202 1087 1944 1297">CMRL has rights to access the maintenance management system developed by the contractor and at any time CMRL can instruct the contractor to carry out the changes in system in order to ensure proper maintenance monitoring. The contractor shall accommodate the changes proposed by CMRL without any additional cost.</td> </tr> <tr> <td data-bbox="1092 1297 1202 1402">9.4</td> <td data-bbox="1202 1297 1944 1402">This system shall be able to provide a comprehensive report on the activities stated in SCC 9.2 for any selected period.</td> </tr> <tr> <td data-bbox="1092 1402 1202 1503">9.5</td> <td data-bbox="1202 1402 1944 1503">The system shall also have provision to raise job cards by CMRL for any re-work, as identified during an audit. The job cards can be closed by the maintenance staffs.</td> </tr> </table>	9.1	The contractor shall develop a web based maintenance management system within three months from the date of receipt of Letter of Acceptance.	9.2	The contractor has to develop maintenance management system in order to monitor the maintenance activities like scheduling , daily works, slippage of scheduled works, measured values, alerts for planning of attentions in connection with preventive maintenance, alerts for planning the corrective maintenance, etc.,.	9.3	CMRL has rights to access the maintenance management system developed by the contractor and at any time CMRL can instruct the contractor to carry out the changes in system in order to ensure proper maintenance monitoring. The contractor shall accommodate the changes proposed by CMRL without any additional cost.	9.4	This system shall be able to provide a comprehensive report on the activities stated in SCC 9.2 for any selected period.	9.5	The system shall also have provision to raise job cards by CMRL for any re-work, as identified during an audit. The job cards can be closed by the maintenance staffs.	DELETED						
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17	Page 83 of 359.	Clause 3.4	Timeline for Induction	<p>3.4.1 The contractor shall complete the recruitment process within 21 days from the date of letter of acceptance.</p> <p>3.4.2 The Employer shall arrange training for Contractors employees in maximum of 2 batches. One batch for Phase 1 and another batch for Phase 1 extension.</p> <p>3.4.3 The first batch shall start on 4th week from the date of LoA.</p> <p>3.4.4 The last batch training shall start not later than 6 weeks from the date of LoA.</p> <p>3.4.5 The contractor shall undertake the maintenance responsibilities in a ramped manner according to the availability of competent staff.</p> <p>3.4.6 The contractor shall undertake complete maintenance activities (within the scope of this contract) latest by week 12 from the date of LoA.</p>	<p>3.4.1 The contractor shall complete the recruitment process within 30 days from the date of letter of acceptance.</p> <p>3.4.2 The Employer shall arrange training for Contractors employees in maximum of 2 batches. One batch for Phase 1 and another batch for Phase 1 extension.</p> <p>3.4.3 The first batch shall start on 4th week from the date of LoA.</p> <p>3.4.4 The last batch training shall start not later than 6 weeks from the date of LoA.</p> <p>3.4.5 The contractor shall undertake the maintenance responsibilities in a ramped manner according to the availability of competent staff.</p> <p>3.4.6 The contractor shall undertake complete maintenance activities (within the scope of this contract) latest by week 12 from the date of LoA.</p>																								

ANNEXURE-14- EVALUATION CRITERIA FOR KEY PERSONNEL- LEAD MANAGER		
Candidates without minimum 15 years' of experience shall not be considered for Evaluation.	Max marks	Marks scored by candidate
Name		
I. General Qualification		
a) Age	1	
Less than 55 years-100%	1.00	
58-60 years-75%	0.75	
60-65years-50%	0.50	
Above 65 years-0%	0.00	
b) Education Qualification	1	
1. Diploma or Graduate in B.E/ B. Tech (Civil\Track Engineering) with any special courses in Tracks and management qualification -100%	1	
2.Diploma or Graduate in B.E/ B. Tech (Civil\Track Engineering) -75%	0.75	
II. Adequacy of Assignment – Must have 15 years of Professional experience. (Personnel with less than 15 years of professional experience shall not be considered for evaluation)		
a) Maintenance of Track works standard guage in Metro or standard guage mainline Railways experience.	2.5	
20 years or more-100%	2.50	
15 to 20 years-75%	1.88	
10 to 15 years-50%	1.25	
8 to 10 years-30%	0.75	
0 to 8 years-0%	0.00	
III. Familiarity with language		
a) Language Proficiency	0.5	
English Proficiency (read & write)-100%	0.50	
Total marks	5	
%Marks Scored		