

CORRIGENDUM -3

Dated: 17.01.2023

Request for Proposal (RFP) For Selection of Master System Integrator For Closed Loop Tolling via FASTag along Delhi Mumbai Expressways

Tender No. IHMCL/Master-SI/2022/01, dated 14 Dec 2022

S. No	Section	Existing Clause	Amended Clause		
1	Clause no. 6.2.1 (kk)	New Clause	<p>Master SI shall develop its solution in a manner to enable sharing of the entry transaction(FASTag & non-FASTag) details such as Transaction date & time, complete VRN, FASTag Tag Id/TID, etc. of vehicles with all respective Local SIs on a real-time basis so that further transaction at exit side can be processed with proper validation by the concerned local SI based on database of entry transaction as shared by Master SI.</p> <p>In case of a non-FASTag transaction captured at entry side, Master SI shall ensure to get the FASTag Tag id(If available) of such transactions from the Acquirer bank and share the same with Local SIs.</p> <p>The various scenarios for processing the transactions by Master SI based on entry and exit data received from Local SIs is provided in Appendix-I of this Corrigendum.</p>		
2	Appendix-II of Corrigendum # 2, Scope Matrix-Overview	New Clause	S. No	Scope / Activities	Responsibility
			A.	Transaction Processing	
			9	Sharing of Entry Transaction data such as Transaction data & time, Complete VRN no. as captured through LSI system (Non-FASTag Transaction), FASTag Tag Id etc of vehicle with all respective Local SIs	MSI
3	Appendix II of Corrigendum # 2,	New Clause	S. No	Scope / Activities	Responsibility

	Scope Matrix- Overview		G	VRN no. Capturing and Sharing	
			1	Mandatory provision for capturing complete VRN number in Lane application for Non-FASTag vehicle. No transaction shall be processed at entry side unless complete VRN no. is entered/captured in the lane application based on License Plate Image Capture/recognition system	LSI
			2	Mandatory provision in the audit module of ETC system for manually entering complete VRN no. of transactions which are captured as Violation at entry side due to reasons like run-through. Post entering VRN number in the audit module of such transactions, further the data shall be shared with Master SI to further circulate with all Local SIs	LSI

4	4.1 KEY DATES	<table border="1"> <thead> <tr> <th>Sl. No</th> <th>Event Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Bid Due Date for submission on e-tender portal</td> <td>18.01.2023 ; Upto 16:00 Hrs</td> </tr> <tr> <td>5</td> <td>Bid Due date for physical submission of following documents at IHMCL office: • Document Fee • EMD/Bid Security •Power of Attorney/ Letter of Authorization</td> <td>18.01.2023 ; Upto 12:00 Hrs</td> </tr> <tr> <td>6</td> <td>Opening of Requisite Documents/Technical Bids as applicable of Stage-1 process</td> <td>19.01.2023 ; at 17:00 Hrs</td> </tr> </tbody> </table>	Sl. No	Event Description	Date	4	Bid Due Date for submission on e-tender portal	18.01.2023 ; Upto 16:00 Hrs	5	Bid Due date for physical submission of following documents at IHMCL office: • Document Fee • EMD/Bid Security •Power of Attorney/ Letter of Authorization	18.01.2023 ; Upto 12:00 Hrs	6	Opening of Requisite Documents/Technical Bids as applicable of Stage-1 process	19.01.2023 ; at 17:00 Hrs	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Event Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Bid Due Date for submission on e-tender portal</td> <td>24.01.2023 ; Upto 16:00 Hrs</td> </tr> <tr> <td>5</td> <td>Bid Due date for physical submission of following documents at IHMCL office: • Document Fee • EMD/Bid Security •Power of Attorney/ Letter of Authorization</td> <td>24.01.2023; Upto 12:00 Hrs</td> </tr> <tr> <td>6</td> <td>Opening of Requisite Documents/Technical Bids as applicable of Stage-1 process</td> <td>25.01.2023 ; at 17:00 Hrs</td> </tr> </tbody> </table>	Sl. No.	Event Description	Date	4	Bid Due Date for submission on e-tender portal	24.01.2023 ; Upto 16:00 Hrs	5	Bid Due date for physical submission of following documents at IHMCL office: • Document Fee • EMD/Bid Security •Power of Attorney/ Letter of Authorization	24.01.2023; Upto 12:00 Hrs	6	Opening of Requisite Documents/Technical Bids as applicable of Stage-1 process	25.01.2023 ; at 17:00 Hrs
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Appendix I – Possible Scenarios for Transaction Processing and Responsibilities of Master SI and Local SI at Entry and Exit Sides

S.No	User Payment Mode	Entry Side		Exit Side	
		Local SI	Master SI	Local SI	Master SI
1	<p><u>Scenario-1</u></p> <p>Entry Side - FASTag</p> <p>Exit Side - FASTag</p>	Capture the transaction and sent to Master SI	Get the transaction data from LSI and share the entry transaction details with all local SIs	Read the FASTag and validate for entry details in the local database of that vehicle as shared by MSI. In case entry details are/are not found, process the transaction to Master SI	Get the transaction data from LSI and pair the transaction based on entry & exit data and sent to Acquirer Bank
2	<p><u>Scenario-2</u></p> <p>Entry Side - non-FASTag(Cash Receipt Issued)</p> <p>Exit Side - non-FASTag(Cash)</p>	Accurate complete VRN number should be captured in the System and Transaction data shall be shared with Master SI	<ul style="list-style-type: none"> • Get the transaction data from LSI • Based on VRN No., get the FASTag Tag id (if available) from Acquirer Bank • Share the details with all local SIs 	<ul style="list-style-type: none"> • Enter the VRN no. in the lane application to check for entry data of that vehicle as shared by MSI • In case, entry data is found in local database, process the transaction with applicable double amount • In case, entry data is not found in local database, ask user to share receipt issued from entry side and process the transaction with applicable double amount 	Get the transaction data from LSI and store the same in the database
3	<p><u>Scenario-3</u></p>	Accurate complete VRN number should be captured in the System and Transaction data	<ul style="list-style-type: none"> • Get the transaction data from LSI • Based on VRN No., get the FASTag Tag 	Read the FASTag and validate for entry details in the local database of that vehicle as shared by MSI. In case entry details are/are not	Get the transaction data from LSI and pair the transaction

S.No	User Payment Mode	Entry Side		Exit Side	
		Local SI	Master SI	Local SI	Master SI
	Entry Side - non-FASTag(Cash Receipt Issued) Exit Side - FASTag	shall be shared with Master SI	id (if available) from Acquirer Bank • Share the details with all local SIs	found, process the transaction to Master SI	based on entry & exit data and sent to Acquirer Bank
4	<u>Scenario-4</u> Entry Side - FASTag Exit Side - non-FASTag(Cash)	Capture the transaction and sent to Master SI	Get the transaction data from LSI and share the entry transaction details with all local SIs	<ul style="list-style-type: none"> • Enter the VRN no. in the lane application to check for entry data of that vehicle as shared by MSI • In case, entry data is found in local database, process the transaction with applicable double amount • In case, entry data is not found in local database, ask user to share receipt issued from entry side and process the transaction with applicable double amount 	Get the transaction data from LSI and store the same in the database
5	<u>Scenario-5</u> Entry Side - non-FASTag(Violation/Run-Through) Exit Side - FASTag	<ul style="list-style-type: none"> • Capture the transaction as violation along with VRN no. captured through License Plate Image Capture/recognition Camera) • In audit module option, Manual enter 	<ul style="list-style-type: none"> • Get the transaction data from LSI • Based on VRN No., get the FASTag Tag id (if available) from Acquirer Bank • Share the details with all local SIs 	Read the FASTag and validate for entry details in the local database of that vehicle as shared by MSI. In case entry details are/are not found, process the transaction to Master SI	Get the transaction data from LSI and pair the transaction based on entry & exit data and sent to Acquirer Bank

S.No	User Payment Mode	Entry Side		Exit Side	
		Local SI	Master SI	Local SI	Master SI
		<ul style="list-style-type: none"> Complete VRN no. of that vehicle based on image evidence Based on entered VRN no., a transaction shall be generated and sent to the Master SI 			
6	<p><u>Scenario-5</u></p> <p>Entry Side - non-FASTag(Violation/Run-Through)</p> <p>Exit Side - non-FASTag(Cash)</p>	<ul style="list-style-type: none"> Capture the transaction as violation along with VRN no. captured through License Plate Image Capture/recognition Camera) In audit module option, Manual enter Complete VRN no. of that vehicle based on image evidence Based on entered VRN no., a transaction shall be generated and sent to the Master SI 	<ul style="list-style-type: none"> Get the transaction data from LSI Based on VRN No., get the FASTag Tag id (if available) from Acquirer Bank Share the details with all local SIs 	<ul style="list-style-type: none"> Enter the VRN no. in the lane application to check for entry data of that vehicle as shared by MSI In case, entry data is found in local database, process the transaction with applicable double amount In case, entry data is not found in local database, ask user to share receipt issued from entry side and process the transaction with applicable double amount 	<p>Get the transaction data from LSI and store the same in the database</p>