

CORRIGENDUM- 1

Request for Proposal for Selection of Implementation Agency for Design, Development, and Operations of Centralized ITS Monitoring and Advanced Data Analytics Center - Ref No. IHMCL/IMAC/2025/01 published on Dated: 08.01.2025

Date: 27.01.2025

The following Corrigendum is hereby issued against Request for Proposal for Selection of Implementation Agency for Design, Development, and Operations of Centralized ITS Monitoring and Advanced Data Analytics Center:

Sno.	Reference	Existing Clause	Amended Clause
1.	Schedule B, Clause 1.1. Centralized Real-Time Monitoring of ITS Projects, page no. 112	i. Enable nationwide real-time monitoring of Advanced Traffic Management Systems (ATMS) and provide a unified view of traffic, incidents, and system health across all projects.	i. Enable nationwide real-time monitoring of Advanced Traffic Management Systems (ATMS) and provide a unified view of traffic, incidents, on-demand video-feed , and system health across all projects.
2.	Schedule B, Clause 1.6.1. page no. 117	10. The IA should register all the ATMS equipment in the Central software application by providing project-wise unique Id to each equipment for easy identification.	10. The IA should register all the ATMS equipment in the Central software application by providing project-wise unique Id to each equipment for easy identification. IA may refer to Annexure D of the NHAI ATMS policy circular, dated October 2023 for this purpose and come up with a standard requirement document for all ATMS on NH.
3.	Schedule B, Clause 1.6.1. page no. 119	New point under Clause 1.6.1. Sl # 20	New Clause 1.6.1 SI # 20. IA shall integrate the video feeds from ATMS cameras (VIDES, VIDS, TMCS and Command Center Cameras). There are IP cameras setup in ATMS, the IA shall integrate with these cameras such that they are viewable in-situ in IA's central application without downloading any third-party camera specific software. The IA shall integrate via RTSP, WebRTC, Port-Forwarding, Cloud NVR etc. or other such protocols such that the authentication to them camera is also handled automatically without necessitating the IHMCL or NHAI user to put in camera specific authentication. The IA may refer to 2.2.8 of the NHAI ATMS policy circular, dated October 2023

Sno.	Reference	Existing Clause	Amended Clause
			and similar section of older policy for reference. Each RO, PD or HQ should be able to see the camera locations on a map as per their jurisdiction. On clicking a location, the real-time feed from that location should load instantly without further authentication within the IA's application. If the feed from the camera location is down, it should appear red in the map. IA will work with the ATMS providers to support them in getting their cameras integrated with the IA's software.
4.	Schedule B, Clause 1.6.1. page no. 119	New Clause 1.6.1 Sl # 21	New Clause 1.6.1. Sl # 21. IA shall refer to NHA I ATMS policy circular, dated October 2023 where applicable and integrated with ATMS as per the Annexure D "Reporting Requirements and details regarding integration with Datalake". Here, IA's software will be read as Data Lake. This includes but not limited to: System Registration, Camera and Equipment Registration, Uptime Reports, Accident and Incident Logs, VAHAN Reports, e-challan reports etc. The IA will confirm with IHMCL the report formats before proceeding in case of any modifications.
5.	Schedule B, Clause 1.6.1.16, New Point (iv) page no. 118	Clause 1.6.1.16, New Point (iv)	iv. Based on written instruction from IHMCL, IA shall integrate the proposed application with Rajmargyatra mobile App or any other IT system as suggested by NHA I for real-time dissemination of the incidents detected or received by the IA's application from the respective ATMS systems. Rajmargyatra may broadcast the same to NH Users as desired by Section 10.3.6 of the NHA I ATMS policy circular, dated October 2023.
6.	Schedule B, Clause 1.6.3, Sr. No. 3, New Point (f) page no. 120	Clause 1.6.3 Sr. No. 3, New Point (f)	f. Identify incidents as seen in NHA I ATMS policy circular, dated October 2023, VIDES section as an independent/third-party check to double-check the performance and SLAs etc.
7.	Schedule B, Clause 1.6.4.1, page no. 121	O High-performance RFID readers.	i. High-performance RFID readers.

Sno.	Reference	Existing Clause	Amended Clause
		O Advanced ANPR (Automatic Number Plate Recognition) cameras.	ii. Advanced ANPR (Automatic Number Plate Recognition) cameras. iii. Overview Cameras
8.	Schedule B, Clause 1.7.1.8, page no. 122	8. Access based credentials needs to be provided to all NHAI RO/PIU offices.	8. Access based credentials needs to be provided to all NHAI RO/PIU offices. Herein, Single-Sign-On integration will be preferred with NHAI's existing DataLake application.
9.	PART III, Clause 1.2.12. Duration and Extension of Contract	1) The term of this Contract Agreement shall be 1 (One) year for Operation and Maintenance (O&M) and 3 (three) months for the design, development & implementation of all Modules, starting from the Effective Date. Any additional implementation work awarded within this 1-year and 3-months period will be incorporated into the implementation and O&M phases in such a way that the total duration does not exceed the initial 1 year and 3 months, unless an extension is granted by IHMCL. 2) The period of engagement may be extended by additional 1 year, under the same terms and conditions of the Contract Agreement, subject to the satisfactory performance of the Bidder and at the sole discretion of IHMCL.	1) The term of this Contract Agreement shall be 2 (Two) years for Operation and Maintenance (O&M) and 3 (three) months for the design, development & implementation of all Modules, starting from the Effective Date. Any additional implementation work awarded within this 2-years and 3-months period will be incorporated into the implementation and O&M phases in such a way that the total duration does not exceed the initial 2 years and 3 months, unless an extension is granted by IHMCL. 2) The period of engagement may be extended by additional 1 year, under the same terms and conditions of the Contract Agreement, subject to the satisfactory performance of the Bidder and at the sole discretion of IHMCL. The revised contract period shall apply as specified in the RFP, wherever applicable.
10.	PART III, Clause 1.2.34. Termination, point e	New point under Clause 1.2.34 Point e	(e) Post completion of 1 year of Operation and Maintenance period, IHMCL at its sole discretion may terminate the Contract Agreement at any point of time, by giving 60 days prior notice, in such case there shall be no financial implication to IHMCL and thereby the provision of Clause 1.2.35(b) shall not be applicable.
11.	Form 7.17, Appendix A- Form F-1: Format for	Form F-1: Format for Financial Bid Submission	Updated Form F-1: Format for Financial Bid Submission Provided at Annexure -1 of this Corrigendum

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	Financial Bid Submission																				
12.	PART - III, Clause 1.2.36.(a).iii, Handing over and Taking Over, page no. 98.	iii. The complete source code of the software developed under the scope of this project.	iii. Stands deleted.																		
13.	PART - III, Clause 1.2.42.8.(g), Exit Management, page no. 101.	g) Hand-over of the entire software including source code, program files, configuration files, setup files, project documentation, etc.	g). Hand-over of the entire software including source code , program files, configuration files, setup files, project documentation, etc.																		
14.	Schedule B, Clause 1.7.5.2.(c).1, page no. 125.	1. Deliver all project-related documentation, including but not limited to system designs, configurations, source code (if applicable), performance reports, and operational guidelines.	1. Deliver all project-related documentation, including but not limited to system designs, configurations, source code (if applicable) , performance reports, and operational guidelines.																		
15.	Clause - 1.2 Key Dates	<table border="1"> <thead> <tr> <th>#</th> <th>EVENT(S)</th> <th>DATE (Unless otherwise notified separately)</th> </tr> </thead> <tbody> <tr> <td>4.</td> <td>Last date/ time for online submission of bids (i.e., Bid due date)</td> <td>05/02/2025 Upto 15:00 Hrs</td> </tr> <tr> <td>4.</td> <td>Opening of Technical bids</td> <td>06/02/2025 at 15:30 Hrs.</td> </tr> </tbody> </table>	#	EVENT(S)	DATE (Unless otherwise notified separately)	4.	Last date/ time for online submission of bids (i.e., Bid due date)	05/02/2025 Upto 15:00 Hrs	4.	Opening of Technical bids	06/02/2025 at 15:30 Hrs.	<table border="1"> <thead> <tr> <th>#</th> <th>EVENT(S)</th> <th>DATE (Unless otherwise notified separately)</th> </tr> </thead> <tbody> <tr> <td>4.</td> <td>Last date/ time for online submission of bids (i.e., Bid due date)</td> <td>12/02/2025 Upto 17:00 Hrs</td> </tr> <tr> <td>5.</td> <td>Opening of Technical bids</td> <td>13/02/2025 at 17:30 Hrs.</td> </tr> </tbody> </table>	#	EVENT(S)	DATE (Unless otherwise notified separately)	4.	Last date/ time for online submission of bids (i.e., Bid due date)	12/02/2025 Upto 17:00 Hrs	5.	Opening of Technical bids	13/02/2025 at 17:30 Hrs.
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(Actual Excel to be downloaded from e-tender portal for on-line submission)

Name of the Project: Request for Proposal for Selection of Implementation Agency for Design, Development, and Operations of Centralized ITS Monitoring and Advanced Data Analytics Center, RFP No. IHMCL/IMAC/2025/01	
Name of Bidder:	
Bid Invitation Date:	08-Jan-25

Sno	Line Item	Unit	Quantity	Unit Rate (in Rs.) ex GST	Total Amount (in Rs.) ex GST
	(A)	(B)	(C)	(D)	(E) = C*D
1	Module - 1: Centralized Real-Time Monitoring of ATMS projects				
(i)	Monthly Opex charges per ATMS Project integrated and on-boarded as per requirement under Module - 1 (Total 200 projects as per Schedule A)	Project-Month	=200*24		-
(ii)	Installation, commissioning Integration of video wall as and when procured by IHMCL at control centre	LS	1		-
2	Module 2: Real-time NH traffic congestion monitoring at Fee Plazas				
(i)	Monthly Opex charges per toll plaza onboarded as per requirement under Module-2 (Total 300 toll plazas as per Schedule-A)	Plaza-Month	=300*24		-
3	Module 3: AI-based Traffic Data Analytics Hub				
(i)	Monthly Opex charges	Monthly	24		-
4	Module - 4: Centralized Monitoring of road-side infrastructure for MLFF Tolling Systems				
(i)	Monthly Opex charges per MLFF Project integrated and on-boarded as per requirement under Module - 4 (Total 30 projects as per Schedule A).	Project-Month	=30*24		-
5	Manpower charges for control center				
(i)	Project Manager	Man-month	24		-
(ii)	Data Analytics Expert	Man-month	24		-
(iii)	Control Center Executive for 24X7 operations (For 5 nos. of staff in each shift)	Man-month	=5*24		-
6	Provision of redundant internet bandwidth of at least 100 Mbps or higher at the Control Centre to ensure uninterrupted data transmission	Monthly	24		-
	Total Project Cost (ex GST)				-

Note:

i. No financials should be a part of technical bid. If any form of financial bid/indication is mentioned in the technical bid, IHMCL shall summarily reject the bid.

ii. For Module 1 and Module 4, pro-rata payments shall be made for each additional project integrated and onboarded during the contract period, calculated at the same unit rate quoted by the Bidder for the initially defined scope.