

CORRIGENDUM - 9

Dated: 18.09.2025

RFP for Selection of Acquirer Bank for Integrated FASTag-ANPR based Multi Lane Free Flow (MLFF) User Fee Collection at Bijwasan and Panchgaon Fee Plaza

E-tender Id: 2025_NHAI_239494_1

RFP Reference No.: IHMCL/MLFF-DWE/2025 published on dated 26.06.2025

The following Corrigendum-9 is hereby issued against RFP for Selection of Acquirer Bank for Integrated FASTag-ANPR based Multi Lane Free Flow (MLFF) User Fee Collection at Bijwasan and Panchgaon Fee Plaza:

Sl. No.	RFP Section	Original Clause	Updated Clause (to be read as)
1.	NOTICE INVITING RFP Name of the work	RFP for Selection of Acquirer Bank for Integrated FASTag-ANPR based Multi Lane Free Flow (MLFF) User Fee Collection at Bijwasan and Panchgaon Fee Plaza	RFP for Selection of Acquirer Bank for Integrated FASTag-ANPR based Multi Lane Free Flow (MLFF) User Fee Collection at Bijwasan and Kukrola Fee Plaza This amendment shall apply uniformly throughout the RFP wherever the said fee plaza name is referenced.
2.	Schedule-A: Site of the Project	Schedule-A: Site of the Project	Updated Schedule-A: Site of the Project is provided at Annexure -1 of this Corrigendum
3.	Schedule-B: Clause 1. (c). i	c) The bidder shall develop: i. At Panchgaon Fee Plaza: The Bidder/Bank shall implement the Multi-Lane Free Flow (MLFF) system across a total of Twelve (12) lane at Boothless Gantry based Tolling plaza at Panchgaon fee plaza on NH-48. Of these, Eight (08) lanes shall be operational and dedicated exclusively for tolling operations. The remaining four (4) lanes shall be designated as standby/redundant lanes, intended to function as reserve capacity for business continuity.	c) The bidder shall develop: i. At Kukrola Fee Plaza: MLFF based tolling facility by installing new Gantries on main carriageway of the road (minimum 02 (01 Main & 01 redundant)) for each direction (LHS & RHS) for MLFF based tolling within approx. 350m of existing fee plaza. The Bidder/Bank shall be fully responsible for ensuring the continuous safety, security, and illumination of the installed gantries, covering all necessary measures to protect the infrastructure and provide clear visibility under all weather and lighting conditions.

Sl. No.	RFP Section	Original Clause	Updated Clause (to be read as)
			<p>Note:</p> <p>i. The bidder shall be required to submit detailed design drawings including design calculations of gantries which should be approved from any of the Indian Institute of Technology (IIT)/ National Institute of Technology (NIT).</p>
4.	Clause 2.11, Indicative Minimum Bill of Quantity (BOQ):	Indicative Minimum Bill of Quantity (BOQ)	Updated Indicative Minimum Bill of Quantity (BOQ) is provided at Annexure - 2 of this Corrigendum.

Annexure-1

Schedule-A: Site of the Project

1. The Site

- a) **Site 1:** Site of the Eight Lane Project Highway comprises the section of National Highway stretch from Km.-0+600 to Km.28+460 (Dwarka Expressway) of National Highway No. NH248-BB in the State of Delhi & Haryana Border. The toll plaza location is at location Bijwasan at chainage KM 9+050 as described in Annex-I of this Schedule-A.
- b) **Site 2:** Site of the Six Lane Project Highway comprises the section of National Highway stretch from Delhi to Jaipur section of National Highway No. NH-48 in the State of Delhi & Haryana Border. The toll plaza location is at location Kukrola at chainage Km 53+600 as described in Annex-I of this Schedule-A.

1.1. Annex - I (Schedule-A)

1.1.1. Toll Plaza /MLFF Control Centre Location

The Site of the Project Highway comprises the proposed Toll Plaza described in Table A-1.

Table-A-1			
Location of Fee Plaza	Total Lanes	Location of Control Centre	Remarks
Bijwasan Fee Plaza At Km 9+050 of NH-248 BB	34	At Bijwasan Toll Plaza - Available at plaza	The toll plaza at this location is constructed as per NHA Policy Circular No. 17.5.82 dated 24th May 2021.
Kukrola Fee Plaza At Km 53+600 of NH-48		At Toll Plaza - Under construction	The site is being developed with a tolling facility to manage traffic on five lanes in each direction.

All other terms and conditions shall remain unchanged as per the RFP.

Annexure - 2

2.11 Indicative Minimum Bill of Quantity (BOQ):

1. MLFF Using Plaza Infrastructure - Bijwasan Toll Plaza on Dwarka Expressway:

BOQ				
	Development Phase			
S. No.	Description of work	Unit	Qty	Remarks
MLFF Using Plaza Infrastructure				
A	Field Equipment			
1.	RFID Antenna	Nos	1	Per lane
2.	RFID Reader	Nos	1	Per lane
3.	Detector -Radar	Nos	1	Per lane
4.	Detector - LiDAR	Nos	1	1 for 02 lanes or as per solution
5.	ANPR Camera (Including Housing and Mounting) +Controller+ Pole/Canti lever with all licenses	Nos	2	Per lane (Back & Front)
6.	Audit Surveillance Camera and Mounting + Pole/Canti Lever with all licenses	Nos	1	Per lane
7.	IR Illuminator	Nos	1	Per lane as per solution
8.	Field Junction Box with Surge Protector Device	Nos	1	Per lane
9.	Edge Level switch (8 Port or as per requirement)	Nos	1	Per lane
10.	Switch (Layer 3) - 24 Port (HA Mode)	Nos	1	Per Direction
11.	Any additional Component	-	Lumpsum	
B	Control Room Equipment (per Control Room) each plaza should have separate Control Centre			
1.	MLFF Local Server (HA mode)	Nos	2	
2.	Workstation with Display 27"	Nos	5	
3.	Storage (Minimum 125 TB)	Nos	1	
4.	Server Rack (27U)	Nos	1	
5.	Junction Box with Surge Protector Device	Nos	1	
6.	Firewall with all licenses	Nos	1	
7.	Redundant Internet Connectivity (1 Gbps)	Nos	2	Leased Line
8.	Video Wall and Controller	Nos	1	

C		Network & Cabling		
1.	Armored OFC	-	Lumpsum	
2.	Electrical Cable		Lumpsum	
3.	Cat-6 A cable with adequate Cable tray		Lumpsum	
4.	Earthing, Lightning Protection, Network Surge Protection		Lumpsum	
D		Toll Plaza Software Application (CC & Field)		
1.	Multi Lane Free Flow Software with portal and Dashboard and two license	-	Complete in respect	Perpetual Licenses /Open source
2.	ANPR Application Per Channel		01 per ANPR Camera	Perpetual Licenses /Open source
3.	Video Management Software Base License		1	Perpetual Licenses /Open source
4.	Video Management Software Per Channel license		01 per Camera	Perpetual Licenses /Open source
5.	Detector -Radar applications		1	Perpetual Licenses /Open source
6.	Detector -LiDAR applications		1	Perpetual Licenses /Open source
7.	RFID Reader and Antenna Application		1	Perpetual Licenses /Open source
8.	Video Analytics (Camera/ Application)		01 per Camera	Perpetual Licenses /Open source
9.	Firewall at CC (Control Centre)		Lumpsum	Lumpsum
10.	Enterprise Management Software (EMS)		Lumpsum	1 (Master License + Nodes=60)
11.	Integration with VAHAN		Lumpsum	
12.	Operating System		Lumpsum	Licensed version
13.	Any additional		Lumpsum	

2. MLFF Through Gantry -Kukrola Fee Plaza on NH-48:

BOQ				
	Development Phase			
S. No.	Description of work	Unit	Qty	Remarks
MLFF Through Gantry with Redundant Gantry				
A	Field Equipment			
1.	RFID Antenna	Nos	1	Per lane
2.	RFID Reader	Nos	1	Per lane
3.	Detector -Radar	Nos	1	Per lane
4.	Detector - LiDAR	Nos	1	1 for 02 lanes or as per solution
5.	ANPR Camera (Including Housing and Mounting) +Controller+ Pole/Canti lever with all licenses	Nos	2	Per lane (Back & Front)
6.	Audit Surveillance Camera and Mounting + Pole/Canti Lever with all licenses	Nos	1	Per Gantry
7.	IR Illuminator	Nos	1	Per lane as per solution
8.	Field Junction Box with Surge Protector Device	Nos	1	Per Gantry
9.	Edge Level switch (24 Port)	Nos	1	Per Gantry
10.	Switch (Layer 3) - 24 Port (HA Mode)	Nos	1	Per Direction
11.	Any additional Component	-	Lumps um	
B	Control Room Equipment			
1.	MLFF Local Server (HA mode)	Nos	2	
2.	Workstation with Display 27"	Nos	5	
3.	Storage (Minimum 125 TB)	Nos	1	
4.	Server Rack (27U)	Nos	1	
5.	Junction Box with Surge Protector Device	Nos	1	
6.	Firewall with all licenses	Nos	1	Per Control Room
7.	Redundant Internet Connectivity (1 Gbps)	Nos	2	Leased Line
8.	Video Wall and Controller	Nos	1	

C	Network & Cabling			
1.	Armored OFC	-	Lumpsum	
2.	Electrical Cable		Lumpsum	
3.	Cat-6 A cable with adequate Cable tray		Lumpsum	
4.	Earthing, Lightning Protection, Network Surge Protection		Lumpsum	
D	Toll Plaza Software Application (CC & Field)			
1.	Multi Lane Free Flow Software with portal and Dashboard and two license	-	Complete in respect	Perpetual Licenses /Open source
2.	ANPR Application Per Channel		01 per ANPR Camera	Perpetual Licenses /Open source
3.	Video Management Software Base License		1	Perpetual Licenses /Open source
4.	Video Management Software Per Channel license		01 per Camera	Perpetual Licenses /Open source
5.	Detector -Radar applications		1	Perpetual Licenses /Open source
6.	Detector -LiDAR applications		1	Perpetual Licenses /Open source
7.	RFID Reader and Antenna Application		1	Perpetual Licenses /Open source
8.	Video Analytics (Camera/ Application)		01 per Camera	Perpetual Licenses /Open source
9.	Firewall at CC (Control Centre)		Lumpsum	Lumpsum
10.	Enterprise Management Software (EMS)		Lumpsum	1 (Master License + Nodes=60)
11.	Integration with VAHAN		Lumpsum	
12.	Operating System		Lumpsum	Licensed version
13.	Any additional		Lumpsum	