

RFP for Design, Supply, Installation, Testing, Commissioning, and Operation & Maintenance of Advanced Traffic Management System (ATMS) on Delhi to Agra Section of NH-19 on EPC mode

Replies to Additional pre-bid queries

S. No.	RFP Page No	Clause	RFP Statement	Query	Reply of IHMCL
1	97	4.3.1 Video Surveillance System Traffic Monitoring Camera System (TMCS): In case of different grade levels, at same location and junctions below flyovers etc, ATMS contractor at their discretion to use single pole for two cameras, or single camera for different levels depending on their design for proper surveillance coverage at all locations. Notwithstanding, this project will have minimum 184 TMCS cameras.	Kindly clarify whether the junction below each flyover is to be captured under TMCS? If yes, then kindly note that, there will be substantial increase in number of locations and therefore to avoid ambiguity, please provide the number of PTZ rather than specifying minimum quantities.	As per RFP
2	102	4.3.11. Maintenance Vehicle	The ATMS Contractor shall keep at least 4 (Four) numbers of dedicated vehicles to attend the maintenance requirement during the Operation & Maintenance period for entire stretch (2 for each Command-and-Control Centre). Maintenance Vehicle shall be compliant with Route Patrol Vehicle Mentioned in IHMCL Policy No. 12.19, dated 20th March, 2018.	Purpose of Route Patrol Vehicle is to manage incidents whereas purpose of ATMS Maintenance vehicle is to repair and maintain the breakdown ATMS Components. This vehicle might need the different inventory items and different arrangement. In view of the above kindly clarify whether the maintenance vehicle shall be compliant with Route Patrol Vehicle.	As per RFP
3	100	4.3.4.1.2. Portable VMS	The Contractor shall provide 8 (eight) nos. of Trolley Mounted Portable VMS for the user information. The portable VMS shall have the facility to communicate the ATMS control centre over GSM/3G/4G GPRS communication layer which enable the portable VMS to be used as a standby VMS to display the informative/ alert messages based upon the VIDES incidents as and when required.	The scope consists of supply of 8 portable VMS devices. However, there is no clarity on responsibility for deployment of the same during O&M stage. As per our understanding ATMS Contractor scope will be limited to detecting incidents and informing to the Route Patrolling/ Incident management Team along the corridor and during incident management, Route Patrolling/ Incident Management Team shall be responsible for deployment of portable VMS at incident locations. Please confirm our understanding	ATMS Contractor shall be responsible for deployment, operation and Maintenance of portable VMS on the Highway as and when required throughout the contract period
4	General	Liasoning and coordination authority	The ATMS contract agreement has to be signed with IHMCL, however the policy specifies NHAI and NHAI representative for coordination and penalizing. The Bid document also mentions appointment of IHMCL representative for audit purposes.	Kindly clarify who shall be the client and nodal authority for the ATMS Contract for all the applicable approvals, intimations by Contractor and overall coordination for the Project.	Please refer RFP Clause 1.2.23
5	149	4.3.2 Point 2 Table	Stalled Vehicle	Please provide definition of stalled vehicle. We understand that (a) queue will not be construed as stalled vehicle and (b) At junctions, vehicles can stop for longer for various reasons and the same shall not be construed as stalled vehicle. Please confirm the above mentioned understanding.	Stalled vehicles refers to unauthorized parked vehicles on Highways.
6	150	4.3.2 Point 2 Table	Debris or Fallen Objects	Please define the size of objects. This is required given the limitations of vision-based data processing.	As per RFP
7	152	4.3.3.4 ATCC Point 2	Each Vehicle passing from under the gantry shall be recorded by ANPR Camera.	It may not be possible to get ANPR of each vehicle due to obstructions (footsteps etc. on truck) installed on vehicles and occlusion. We propose to consider this limitation as part of the system limitations due to external factors while deriving system accuracies.	As per RFP
8	General		DATL is a special purpose vehicle formed for the Construction, Operations and Maintenance of Toll Road section from Delhi to Agra. We understand that ATMS Project will be awarded to DATL by IHMCL subject to becoming successful bidder. As the work relate the same Project, we understand that DATL is authorised to undertake this work irrespective of it being a SPV and the work being awarded by IHMCL (and not NHAI). Please confirm our understanding		As per RFP