

**Implementation of Advanced Traffic Management System (ATMS) on National Highways (NHs)**  
**Corrigendum-4 dated 30.09.2016**

**RFP Document Vol. II**

**Functional & Technical Specifications of ATMS Components / Sub-Components**

<b>S. No.</b>	<b>Sub section</b>	<b>Clause Reference</b>	<b>Existing Provision</b>	<b>Modified Provision</b>
1	5. (Title)	<i>Chapter 5</i>	Vehicle Actuated Speed Display	Vehicle Actuated Speed Display System
2	5.2. Function	5.2	The speed display shall provide textual or graphical warning to the vehicles exceeding the preset speed limit. It shall further capture an image of the over-speeding (i.e. the speed exceeding the preset limit) vehicle.	The speed display shall provide textual or graphical warning to the vehicles exceeding the prescribed speed limit. It shall further capture an image of the over- speeding vehicle (i.e. the speed exceeding the prescribed limit). The image capture and data logging system may be internal or external to the primary VAS display equipment. Further the image capture shall be suitably time synchronized (including a suitable time delay) with the speed sensor output such that a clear image of the vehicle is captured.
3	5.3. Functional Requirements	5.3.2	It shall have built in diagnostic functions to quickly assess the validity of speed calibration.	It shall support diagnostic functions to quickly assess the validity of speed calibration.
4	5.3. Functional Requirements	5.3.6(b) <i>Minimum Monitored section length</i>	500 m	300 m
5	5.4. Technical Requirements	5.4.5	Shall support an industry standard communication interface such as TCP/IP on copper, Wi-Fi, and/or fibre optic to help setting the preset speed and retrieve log data.	Shall support an industry standard communication interface such as TCP/IP on copper, Wi-Fi, GPRS, 3G or better, Bluetooth and/or fibre optic to help setting the prescribed speed and retrieve log data.
6	5.4. Technical Requirements	5.4.12 <i>Colour and Wavelength</i>	Red (625), Amber (590), Green(525)	Amber (590) as the primary display which may be supported by Red(625) and Green (525) displays as required
7	5.4. Technical Requirements	5.4.12 <i>Protocol</i>	Protocol	Protocol for data communication from the field ( i.e. display's) location to the ATMS server
8	12.6 (9).a)	<i>Antenna Ports (line No.10)</i>	Integrated for single lane operation	The transceiver shall support connection up to 4 antennas.

**RFP Document Vol. I**

**All four stretches namely** [(i) Chennai Bypass Section, (ii) Tambaram - Tindivanam Section (iii) Ambala-Zirakpur section (iv) Panipat - Ambala Stretch]

<b>S. No.</b>	<b>Sub section</b>	<b>Clause Reference</b>	<b>Existing Provision</b>	<b>Modified Provision</b>
1	Schedule - A Conditions of Contract under Part - IV	21 (b)	NHAI, in its sole discretion and for any reason whatsoever, may terminate this Contract for (i) for convenience by giving 90 days prior notice without assigning any reason; Or (ii) in case of dereliction in performance of stipulated duties by the service provider.	NHAI, in its sole discretion and for any reason whatsoever, may terminate this Contract  (i) For convenience by giving 90 days prior notice without assigning any reason;” <i>In which case, the service provider shall be compensated by way of waiving off the residual value of 20% advance payment on the date of termination as mutually agreed genuine pre-estimated compensation for the loss suffered by the Service Provider for non-operation of balance period of contract. This compensation is full and final settlement and it is non-arbitrable.</i>  Or (ii) in case of dereliction in performance of stipulated duties by the service provider.  <i>In which case no compensation is payable to the Service Provider.</i>  <i>In both the cases, the Service provider can take away his equipment installed at site.</i>