

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport and Highways)

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No. 11041/218/2007-Admn

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Dated: 14.07.2014

### Policy Matters: Technical (159/2014)

*(Decision taken on File No 13022/01/2013-HAM/Vol-I)*

#### **Sub.: Vehicle Tracking System (VTS) with facility of Global Positioning System (GPS) to track ambulance/road patrol vehicles.**

Concession Agreements prescribe that the Concessionaire is required to provide round the clock Ambulance service for road accident victims and in addition provide Route Patrol Vehicles, Tow-Away Cranes for incident management on Project Highway. To ensure effective implementation of this provision, a comprehensive Web Based mechanism has been developed. This enables not only the Concessionaire to locate and monitor its own vehicles but also enables other stakeholder to monitor deployment and usage of such vehicles such as by the PIUs/ CMUs/ ROs and designated officers of NHAI Hq. Installation of this system is now at an advance stage across all PIUs based on the input received from the concerned ROs.

2. It has been decided by the Competent Authority that henceforth all the Ambulances, Route Patrol Vehicles and Tow-Away Cranes deployed by the Concessionaires under BOT and OMT contracts shall be installed with this Vehicle Tracking System (VTS) with Global Positioning System (GPS) facility. While the cost shall be borne by the respective Concessionaire as per the contracted rates (Annex-A), following will be the alternatives in this regard for the existing Concession Agreements:

- (i) Where the Concessionaire has not installed GPS devices in their vehicles (Ambulances, Route Patrol Vehicles and Tow Away Cranes) – The service provider employed by NHAI (M/s. KPIT Technologies Ltd) can be directed to install GPS devices in all such vehicles and charge appropriate rate as approved by NHAI.
- (ii) Where the Concessionaire has already installed GPS devices in their vehicles (Ambulances, Route Patrol Vehicles and Tow Away Cranes), the Concessionaire will be asked to integrate the GPS devices installed in their vehicles in consultation with the service provider employed by NHAI.
- (iii) Where the Concessionaire has already installed GPS devices in their vehicles (Ambulances, Route Patrol Vehicles and Tow Away Cranes), however, it is not technically possible to integrate those devices with the Vehicle Tracking System got developed by NHAI, the Concessionaire will be asked to replace the GPS devices installed in their vehicles with the help of the service provider employed by NHAI.

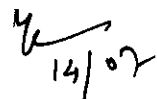
3. For BOT & OMT Concession Agreements, it shall be the duty and the responsibility of the concerned Project Director to ensure that all such vehicles are fitted with VTS system with GPS facility and utilization of such vehicles shall be monitored by the respective Project Directors on the VTS portal with respect to following aspects:

- a. Number of vehicles made available by concessionaire against each contract/project stretch *vis-à-vis* no. of vehicles tracked through the vehicle tracking system of NHAI during the reporting month.
- b. Vehicle wise usage (Km.) during the reporting month
- c. Vehicle wise stoppage time during the reporting month
- d. Vehicle wise Geofence violation report
- e. Any other attribute which concerned PDs/ROs may like to add on case to case basis.

4. A monthly report in the format as per Annex-B shall be sent to the concerned RO who in turn shall examine the report, direct PD for issuing notices to the Concessionaire, if required, under information to HAM division for further action.

5. To avoid complexity in release of payment to the agency (M/s. KPIT Technologies Ltd) the bills shall be received by HAM Division at NHAI Hq. on quarterly basis and processed by HAM Division based on the reports at para 4 above. A copy of the payment advice shall also be sent by HAM division to the concerned Regional Office for recovering the specified amounts from the respective Concessionaires.

6. This issues with the approval of Chairman NHAI.

  
14/07

(V. K Sharma)

Chief General Manager (LA & Coord.)

Encl.: Annex-A & B

To:

All officers and employees of HQ/ROs/PIUs/CMUs/Site Offices

**Design, development, deployment, operation and maintenance of  
Vehicle Tracking System (VTS) using Global Positioning System (GPS) devices to track  
ambulances, route patrol vehicles and tow away cranes.**

*Break up of Rates*

<b>Item description</b>	<b>Unit</b>	<b>Unit Rate</b>
1. One time charges for successful installation, configuration of the Vehicle Tracking device in each vehicle/ re-fitment of the device in alternate vehicle (if any)	Per Device	721
2. Monthly charges		
(a) Rental charges** for VTS devices using GPS of desired specification	Per device per Month	240.69
(b) For providing services of VTS using GPS devices as per ToR (charges to include telecom usage, portal access, customization of reports and service support charges, user training at customer's site etc.)	Per Vehicle per Month	62.12

Note :

\*\*Rental charges shall be payable only for those devices which are supplied by the Service Provider.

## Sub.: Report of Vehicles Tracked through VTS system of NHAI

Report Date	Reporting Month
From Project Director .....	To Regional Officer .....

## Details of Vehicle under PIU

Sl. No.	Name of Concessionaire/ Contractor	Project Stretch	Ambulance		Route Patrol Vehicle		Tow away crane		Total	
			Made Available	Actually tracked through VTS	Made Available	Actually tracked through VTS	Made Available	Actually tracked through VTS	Made Available	Actually tracked through VTS

## REPORT-I

## A. VEHICLE USAGE REPORT

Sl. No.	Vehicle Registration No.	Vehicle Type (Ambulance/Tow Away Crane / Route Patrol)	Total distance travelled during reporting month (Kms.)

## REPORT-II

## B. VEHICLES STOPPAGE TIME (&gt;60 MINUTES) REPORT

Sl. No.	Vehicle Registration No.	Total Stoppage Time (some of all stoppages time for every instance of more than 60 Minutes stoppage)

## REPORT-III

## C. GEOFENCE VIOLATION REPORT

Sl. No.	Vehicle Registration No.	Vehicle Type (Ambulance/Tow Away Crane / Route Patrol)	Total No. of Times Geofence Violated during the month	Total duration (time) spent out of Geofence during the month

Name and Signature of Project Director