



**Government of Puducherry
Transport Department**

**Standard Operating Procedure on
Enlistment of Vehicle Location Tracking (VLT)
Devices (AIS-140 Compliant) Manufacturers with
Emergency system, in the U.T. of Puducherry**

Reference No:24/TD/EDP/VLT/SOP/2022

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Document Title: SOP on Enlistment of Vehicle Location Tracking Device (AIS 140) Compliant Manufacturers in the U.T. of Puducherry

Name of Organization: Transport Department, Puducherry

Abstract: This document provides the detailed Standard Operating Procedure for enlisting VLT manufacturers and their Retro Fitment Centres(RFCs) for the implementation of AIS-140 standard based Vehicle Tracking and Monitoring System for all Public Transport Vehicles, Vehicles requiring /having National Permit, Commercial Vehicles & Public Utility Vehicles such as Ambulances, Garbage Vehicles, Disaster Management Vehicles etc. registered in the U.T. of Puducherry. The AIS-140 certified VLT Device model from manufacturers will be enlisted based on the selection procedures specified in this document.

1	Ref. No.	24/TD/EDP/VLT/SOP/2022
2	Name of the Department	Transport Department, Government of Puducherry, Puducherry 605004.
3	Non Refundable Application Cost for each model of OEM AIS 140 VLT device	Rs. 15000/- (Rupees Fifteen thousand only) in favour of DDO Transport Department, Puducherry.
4	Call for Applications	Soft copy can be downloaded from the website of Transport Department Puducherry. www.https://transport.py.gov.in
5	Submission of application along with 2 VLTs with AIS-140 standard certificates by Manufacturers	Transport Commissioner, Transport Department, 100 Feet Road, Mudaliarpet, Puducherry 605004

Registration of RFC

1	Ref. No.	24/TD/EDP/VLT/SOP/2022
2	Name of the Department	Transport Department, Government of Puducherry, Puducherry 605004.
3	Non Refundable Application Cost for each model of OEM AIS 140 VLT device	Rs. 5000/- (Rupees Five thousand only) in favour of DDO Transport Department, Puducherry.
4	Call for Applications	Soft copy can be downloaded from the website of Transport Department Puducherry. www.https://transport.py.gov.in

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Abbreviations/Acronyms:

ARAI	Automotive Research Association of India
CIRT	Central Institute of Road Transport
ICAT	International Centre for Automotive Technology
VRDE	Vehicle Research and Development Establishment
CFMTTI	Central Farm Machinery Training and Testing Institute
IIP	Indian Institute of Petroleum
GARC	Global Automotive Research Centre
NIC	National Informatics Centre
GSM	Global System for Mobile Communication
ISO	International Organization for Standardization
RTA/R&LA	Regional Transport Authority/Registering & Licensing Authority
SIM	Subscriber Identity Module
TD	Transport Department, Government of Puducherry
VLT	Vehicle Location Tracking Unit
GNSS	Global Navigation Satellite System
IRNSS	Indian Regional Navigation Satellite System
MORTH	Ministry of Road Transport and Highways
AIS	Automotive Industry Standard
eSIM	Embedded SIM
RFC	Retro fitment Centre
GAGAN	GPS-aided GEO augmented navigation
OEM	Original Equipment Manufacturer
MC	Monitoring Centre

Glossary of Terms

The definitions of various terms that have been used in this document are as follows:
"Manufacturer" means a registered firm/company manufacturing AIS-140 (as per the latest amendment) certified Vehicle Location Tracking units in India.

"Retro Fitment Centre" means a firm/company who is authorised to sell, install, support and service AIS-140 certified Vehicle Location Tracking Unit of Manufacturer.

1. Background

1.1 About Puducherry



Puducherry consists of four unconnected regions: Puducherry, Karaikal, Yanam on the Bay of Bengal and Mahé on the Arabian Sea. Puducherry (Pondicherry) and Karaikal are by far the larger ones, and are both enclaves of Tamil Nadu. Mahé and Yanam are enclaves of Kerala and Andhra Pradesh respectively. The territory has a total area of 492 km²: Puducherry (city) 293 sq.km (113 sq mi), Karaikal 160 sq.km (62 sq mi), Mahé 9 sq.km (3.5 sq mi) and Yanam 30 sq.km (12 sq mi). It has 12.47 Lakhs inhabitants (2011).

1.2 About Transport Department

The Transport Department is rendering day to day services to the general public/motor vehicle owners by way of various statutory services in the Union Territory of Puducherry as per the provisions of the Motor Vehicles Act, 1988 and rules made there under. These cover issue of Licence, Registration Certificates and Fitness Certificate (F.C), collection of Tax, and issue of permits including special permits and temporary permits in accordance with the statutory provisions. The Registering Authority is enabled to collect the fees as prescribed for issue of applications, amendment of documents, issue of certificates, licences, tests, endorsements, badges, permits, countersignature permits, authorization, supply of statistics or copies of documents or order and for any other purpose or matter involving the rendering of any service by the officers or authorities under the said Act and rules.

The Main Office, Sub office and the unit offices of the Transport Department is situated at Puducherry and the Departmental Branch offices are functioning at Karaikal region enclaved by the Tamil Nadu U.T. of Puducherry, at Mahe region enclaved by the Kerala U.T. of Puducherry and at Yanam region enclaved by the Andhra Pradesh U.T. of Puducherry.

1.3 About Regulatory Compliance requirement for VLT devices with Emergency Buttons

Transport Department, Puducherry, under the Ministry of Transport, Government of Puducherry is the authority for the enforcement of the Motor Vehicles Act and Rules in the U.T. of Puducherry.

Reference:

- 1) MoRTH, Central Government, Notifications dated: 28.11.2016, 18.04.2018, 25.10.2018 and 2.11.2018
- 2) MoRTH Central Government Letter dated 31.10.2018
- 3) MoRTH GSR 1081 dated 2nd November 2018 for National Permit Vehicles
- 4) AIS-140 Standard including amendment 1(December'17) & Amendment 2 (December'18) and
- 5) Any other amendments issued from time to time.

In pursuance to the series of notifications and orders issued by the Ministry of Road, Transport & Highways ('MoRTH'), Government of India as referred above where in all Public Service Vehicle as defined under section 2(35) of the Motor Vehicle Act, 1988 ('MV Act') and vehicles requiring/having National Permit, etc shall mandatorily be equipped with the Vehicle Location Tracking device ('VLTD') along with one or more emergency button in compliance with the standard of AIS-140 in order to ensure passenger public safety & road safety. Further all vehicles carrying oxygen, irrespective of the type of permit carrying oxygen (oxygen tankers and Argon and Nitrogen tankers converted to carry Liquid Medical Oxygen) shall also be fitted with Vehicle Location Tracking Device as per AIS 140. TD has decided to enlist manufacturers whose devices meet the specifications of AIS- 140 standard and the specific requirements of the U.T. of Puducherry. The AIS 140 approved VLTD manufacturers will be selected through an enlisting process, as defined in this document and TD will enlist the selected manufacturers to sell/install their devices in U.T.of Puducherry.

2. About AIS-140 standard based Vehicle Tracking & Monitoring System

Transport Department Puducherry envisages to track the public service vehicles & national permit vehicles in Puducherry. Vehicle Tracking & Monitoring System is a technology used by many countries, companies and individuals to track vehicles using Global/Indian Regional Navigation Satellite System (GNSS/IRNSS). Apart from enforcement of public road transport

rules, the system can also give other valuable services to the Transport Department, Government of Puducherry and the general public. The objective of the project is to introduce a tracking system for continuous monitoring of public transport & commercial vehicles for better road safety, passenger safety and better support for enforcement services.

Vehicles which are required to be fitted with AIS 140 VLT devices along with Panic button under Rule 125H of CMVR 1989 are categorized into:

- Public Service Vehicles defined under Section 2(35) of Motor Vehicle Act.
- National Permit Vehicles defined under Rule 90 of Central Motor Vehicles Rules 1989 defined in MoRTH notification no G.S.R(1080) E dated 02-11-2018.
- All Goods vehicles carrying oxygen, irrespective of the type of permit (oxygen tankers and Argon and Nitrogen tankers converted to carry Liquid Medical Oxygen) shall also be fitted with Vehicle Location Tracking Device as per AIS 140 .

Components of AIS-140 based Tracking System

The tracking system is a combination of hardware, software and communication technologies. The major components of tracking system are

- **Vehicle Location Tracking Unit(VLT):** VLT is a hardware unit equipped with GNSS/IRNSS logger, a GPRS/3G/4G based communication system, power supply and back up mechanism. The entire system is packed into a rigid enclosure with proper indications and power input.
- **Vehicle Location Tracking Software:** A software system receives the data from VLT, passes it and logs it. This data is further processed for generating automated alerts and messages. The software resides in server(s).
- **Communication facility:** VLT sends the geo-location information to the server in a predefined interval. The most common communication method is using GPRS/3G/4G, made possible through the existing mobile networks using eSIM.
- **Monitoring System:** A map system is integrated to the software for real time

plotting of the vehicles on a map. Monitoring centres can view this map displayed on a web browser

3. Enlisting of VLTD manufacturer and their devices

As per Section 136 (A) 'Electronic Monitoring and enforcement of road safety' Motor Vehicle Act 1988 read with rule 125H of Central Motor Vehicles Rules 1989, the Transport Commissioner Puducherry, in exercise of the powers conferred under Rule 130 of The Puducherry Motor Vehicle Rules, 1989 and the provisions contained in Chapter V of the Central Motor Vehicles Rules 1989, intends to enlist Vehicle Location Tracking units (VLTs) manufacturer's VLT model devices, which can be used in the public transport vehicles, for enabling tracking and monitoring of the vehicles. **The objective of VLTD enlisting is to ensure passenger safety, road safety and to standardise the VLTD data protocol and data format specification to meet the U.T. of Puducherry specific requirements and to support the customers to avail good quality VLT devices and after sales services.** Accordingly, the pre-qualification requirements for the manufacturer and the specifications for vehicle tracking unit firmware details are listed in this document. Enlisting is for the VLT device models, and as such, multiple VLT device models from the same manufacturer will require separate applications for enlisting. The TD will publish the list of enlisted VLTD models of various manufacturers and the vehicle owners will be advised to procure only the enlisted VLT device models from enlisted original equipment manufacturers and/or their RFCs.

MoRTH, Govt. of India vide letter no. RT-1601/17/2020-T has issued Standard Operating Procedure for Vehicle Location Tracking (VLT), Registration and activation in VAHAN, the same shall be implemented in the U.T. of Puducherry.

With an intent for effective implementation of Rule 125H of Central Motor Vehicle Rules 1989, being a matter of passenger and road safety, it is decided to enforce the operational procedure, pre-requisites, and other details for compliance as per AIS 140 Standard for Vehicle Location Tracking Registration and activation in VAHAN/Puducherry Monitoring Centre.

1. Any AIS 140 VLT device Manufacturer whose devices were certified for compliance of AIS- 140 standards by any testing agency such as ARAI, CIRT, ICAT, CFMTTI, IIP, VRDE, GARC, notified under referred to in rule 126 of the Central Motor Vehicles Rules, 1989 is free to apply for enlistment in the U.T. of Puducherry, subject to terms & conditions for effective implementation of the rules and monitoring of the VLT devices.
2. The manufacturers fulfilling the criteria in this document can apply for enlisting of their VLT device models.
3. The manufacturers shall submit a separate application for each and every model of VLT device.
4. The evaluation of application for enlisting would be carried out based on the pre-qualification criteria and technical evaluation done at TD and Puducherry Monitoring Centre.
5. Only enlisted VLT device models are to be fitted in vehicles registered in UT of Puducherry in which the fitment of VLT device is mandatory as per notifications issued from time to time.
6. No VLT device manufacturer shall sell this model in the UT of Puducherry once their authorisation/ certification/COP is suspended or cancelled or not renewed for any reason by the competent authority.
7. Manufacturers must submit an undertaking to TD that in case their authorisation/certification/COP is suspended or cancelled or withdrawn for any reason, or authorized RFC/dealer withdrawn their services, the manufacturer shall continue to support the devices which are already fitted in the vehicles.
8. Enlisted AIS-140 VLT device manufacturers are required to setup/operate their own or authorized Retro fitment and Service Centres within 30 days of enlistment with in a radial distance of 60 kms in the regions of Puducherry, Karaikal, Mahe and Yanam where they intended to sell their devices. This setup/operation of such centres is to ensure hassle free

service to vehicle owners. The VLTD manufacturers are directly responsible for the service of the devices sold/fitted by them and hence the manufacturers must submit a declaration and details of authorized RFCs.

9. The enlisted AIS-140 VLT device OEMs can operate additional retro fitment centre(s)/mobile retro fitment centre(s) to provide onsite VLT device fitment/repair services.
10. A dedicated Call/Service-centre or a 24/7 toll free number must be established by enlisted AIS 140 VLT device manufacturers within 30 days, for customer support to address the queries and any other issues of the stake holders. The toll free number should be widely publicized through press and social media.
11. TD has its own discretion to inspect & verify facilities provided by OEM of VLTD at any site/sites of RFC Centres.
12. The manufacturer should facilitate eSIM subscription in VLT devices along with a subscription of two years for new vehicles and one year for vehicles older than 8 years from service providers on behalf of the vehicle owners and must take necessary steps to ensure the continuity of the service once the eSIM validity period is expired. The prior alerts should be sent to permit holders before expiry of the validity.
13. Manufacturers should have sufficient infrastructure like computers, internet services, official phone numbers, and technicians etc. to provide assistance to end users at the fitment/call/service centres.
14. Manufacturers must ensure to follow Standard Operating Procedures(SOP) issued by MoRTH Govt. Of India and Transport Commissioner, Puducherry from time to time.
15. TD can delist any enlisted manufacturer at any time if it is found violating any of the provisions of the CMVR- 1989 or AIS- 140 Standards or any directions issued by the TD or any other competent authority
16. TD reserves the right to modify the terms and conditions, governing the certification and

approvals at any point of time.

17. Unless the enlistment of any VLT model is cancelled by TD, the certification of VLT model shall remain valid as long as such model continues to comply with the terms and conditions and the standards of AIS-140 standard or for 1 year whichever is less. Before the expiry period the manufacturers have to renew the certification in accordance with the regulations/Notifications/guidelines issued by MoRTH Govt . Of India and Transport Department.
18. TD reserves the right to modify the VLT device specifications or add additional features to existing specifications. The release of the VLT device specifications will be in a version-controlled fashion.
19. Every VLT models and service of manufacturers selected through enlisting process can be reviewed by TD and subsequent actions will be taken against those who violate any of the regulations listed out in this document.
20. TD may initiate the enlisting process, as and when required. Enlisting shall be a continuous process and only AIS 140 VLTD manufacturers shall be allowed.
21. Interested manufacturers for the respective VLT models which comply with the TD requirements may download the enlisting document from the website <https://transport.py.gov.in> and submit the same duly filled in and supplemented with all relevant documents to TD for further processing.

3.1. VLT Device registration and Activation in case of New Vehicles

In case of vehicle sold with pre-fitted VLT device, either the vehicle manufacturer himself or through its authorized agency will ensure enlistment of respective VLT device model in the U.T. of Puducherry on payment of requisite fee and submission of application along with documents prescribed.

3.2. VLT Device registration and activation in case of Old Vehicles(Retro fitment) registered before 1st January 2019

In case of retro fitment in vehicles, the notification no.: G.O.Ms. No.19/TD/Section/2020. Dated 22.12.2020 and its amendment from time to time shall be applicable.

4. Scope of the Enlistment

Transport Department, Puducherry will track all Public service vehicles defined under section 2(35) of MV Act 1988 and National Permit Goods Vehicles in phased manner. These vehicles should be tagged with VLT devices. The owners of these vehicles registered should purchase the VLT devices from enlisted AIS 140 VLTD manufacturers or their RFC only.

Enlisted VLTD Manufacturers/RFC, will be given controlled access to the Vahan Portal/Puducherry Monitoring Centre for tagging (connecting) and feeding the details of the VLT devices fitted in the vehicles to the backend application in real time.

Manufacturers should train the RFCs for installing the VLT devices in vehicles and support the customers whenever required. Manufacturer shall provide warranty (at least for two years) and AMC for their products. Enlisted manufacturers and their RFC have to supply and support certified VLT models across the U.T. of Puducherry. Any complaint registered by the owners of vehicles through any means should be attended within 48 hours of complaint raised. For redressal of complaints a suitable escalation matrix shall be defined and monthly reporting to TD shall be ensured with web interface and mobile app, must also have a support ticketing system to enable customers to report problem or raise support requests, which should be serviced by the respective manufacturer and their RFC and monthly MIS reporting to TD shall be ensured

- In addition to above, shall ensure regular updation in Vahan through Puducherry Monitoring Centre for enlisting, activation, health check and alert updates of VLT devices. TD has set up Monitoring Centre in the U.T. of Puducherry in the II Floor of the Transport Department.

- Puducherry Monitoring Centre will be used for activation, registration, updation, health checks and/or alert updations as required by TD.
- Puducherry Monitoring Centre will provide interface where the TD will be able to create Routes with route/Point fencing and receive alerts and reports in case the vehicle deviates from its routes or in case of non-serving of their respective routes. The VLTD manufacturer must ensure alerts on geo fence, route violations and reports should be created for the vehicles in violation to the allowed stops and stoppage timings.
- VLT device manufacturer must ensure all required type of alerts by TD on VLT devices installed.
- Enlisted manufacturers should train the RFC for installing the VLT devices in vehicles and support the customers whenever required. In compliance to the order, enlisted manufacturer must ensure proper fitment of the VLT device in the vehicle.

5. Pre-Qualification Criteria for VLT Manufacturer and RFC

TD shall carry out the evaluation process of VLTs. Manufacturers have to meet the following pre-qualification criteria for registration.

Pre-Qualification Criteria for Manufacturer

S.No.	Criteria	Required Documents
1	The Manufacturer should be a registered company in India under the Companies Act, 1956/2013/MSME/Firm with certified AIS 140 product and valid TAC & COP	Certification of incorporation/ UAN in case of MSME
2	The Manufacturer should not be blacklisted by any Central/ U.T. of Puducherry agencies in India.	Self Declaration by the manufacturer signed by the authorized signatory

3	Only OEMs will be allowed to participate in enlistment as VLTD manufacturer.	Self Declaration by the VLT manufacturer signed by the authorized signatory
4	The VLT model which Manufacturer intends to submit for enlistment must be certified according to AIS-140 standard by CMVR test agency. Device must support IRNSS,GAGAN	Copy of relevant Certificate(s) Specific Certificate for IRNSS Support.
5	Quality certification valid ISO 9001:2015 certificate	Certificate Copy
6	The VLT device should have feature to customize integration with Manufacturer's Backend /Puducherry Monitoring Centre, as per TD requirement	Self-declaration by the manufacturer signed by the authorized signatory.
7	Enlisted AIS 140 VLT device manufacturers are required to setup/operate their own or authorized Retro fitment & Service Centres within 30 days of enlistment in the regions of Puducherry, Karaikal, Mahe and Yanam with in a radial distance of 60 kms where they intended to sell their devices	Self-declaration by the manufacturer signed by the authorized signatory specifying the details of office to be opened by Manufacturer or through their authorized RFC/Dealer
8	3 year balance sheet,Income tax return, PAN and GST registration number of manufacturer is required	Copy of relevant Certificate(s)certified by appointed statutory auditor
9	Type of approval from test agencies notified under Rule 126 of CMVR 1989 such as ARAI /CIRT/ICAT /VRDE/ CFMTTI /IIP/GARC etc	Copy of relevant Certificate(s)
10	Manufacturer must possess valid COP from testing agency such as ARAI/CIRT/ ICAT/ VRDE/CFMTTI/IIP/GARC), as per AIS-140	Copy of valid COP(s)
11	The manufacturer shall submit an affidavit for privacy of the data/information stored related to VLTD/Vehicle/vehicle owner	Affidavit on Stamp paper by the manufacturer signed by the authorized signatory

Pre-Qualification Criteria for RFC

S. No	Criteria	Required Documents
1	RFC shall have valid GST registration	Copy of GST Certificate
2	The RFC shall have an Office-in the region where they intend to do business in UT of Puducherry and must have enough space for visitors waiting space and vehicle parking	Registry/Lease deed Details of space shall be submitted on letterhead with rough sketch/map.
3	RFC shall provide details of manufacturer, Make and Model of VLT device	Certification of Authorization from VLTD manufacturer.
4	The RFC shall have a technical person and support staff for fitment of VLTD and to generate fitment certificate.	Appointment letter and contact detail of person
5	The RFC shall have computer, printer, internet connection, contact number	Details shall be provided on letterhead by RFC

The Manufacturer and RFC must submit all the certified and authenticated documentary proof for meeting the pre-qualification criteria. Such documents include AIS-140 certification for submitted model, company registration certificates and other credentials. Any entity (manufacturer) which has been punished for any offence or any representative of that entity is convicted for any offence or against whom any criminal cases is/are pending before competent court, shall not be eligible to submit the proposal. **The manufacturer shall have to submit affidavit to this effect.**

In addition to the standard AIS 140 specified alerts, Transport Department Puducherry(TD) recommends below features.

- a) Hooter
- b) Alert in case of geo- fencing violation
- c) The provision of emergency button shall be as per the notification issued by MoRTH or Government of Puducherry from time to time.
- d) The emergency buttons should be fitted in location easily accessible to the person (driver/passenger) intended to use it.

6. Puducherry Monitoring Centre

U.T. of Puducherry Monitoring Centre has been set up as per the code of practice guidelines of AIS140. The following provisions have been made in the U.T. of Puducherry Monitoring Centre

- 1) Registration and activation of the device(s) fitted, date of fitment & activation on the vehicle, including the details of vehicle registration number, engine number, chassis number, vehicle make and model, device make and model, and telecom service provider's name.
- 2) Re-registration/re-activation of the device(s) fitted on the vehicle in case of any change in device or telecom service provider, etc.
- 3) Regular health check of the device(s) fitted on the vehicle, as per the parameters and frequency defined in Sub-section 3.1.4 of AIS 140 document
- 4) Administration/configuration of devices for any changes in the parameters as decided by the U.T. of Puducherry from time to time.
- 5) Notification of alerts in case of press of an Panic Button fitted in the vehicle, as per the protocol defined in Section 4 of AIS 140 document and Standard operating procedure defined by U.T. of Puducherry.
- 6) Notification of alerts in case of defined deviations by vehicle such as over-speeding, deviation from defined route/geographic area, time of operation, etc.
- 7) Location tracking of the vehicle including real-time as well as history tracking for up to last 90 days.
- 8) Notification to the permit-holder through SMS in case any device(s) stops functioning/sending data to the Backend Control Centre.
- 9) Reports of the vehicles with devices not working/sending data beyond defined number of days (1 day, 3 days, 7 days, 30 days or configurable by TD).

- 10) Ensure that the security and privacy of the data is maintained in accordance with applicable laws/guidelines of various competent authorities.

7. General Conditions

Manufacturers are advised to study the document carefully. Submission of application will be deemed to have been done after careful study of all instructions, eligibility norms, terms and required specifications in this document with full understanding of its implications. Applications not complying with all the given clauses in the document are liable to be rejected. Failure to furnish all information specified in this document or submission of application not substantially responsive to the document in all respects will be liable for rejection.

- (i) The document for enlistment will be available on TD official website (<https://transport.py.gov.in>) and can be downloaded and used for submission of application forms. Application fee for enlistment shall be paid to TD along with the submission of application.
- (ii) It is mandatory for the applicant to submit all required documents or any other desired by TD, otherwise his application will not be accepted
- (iii) Un-signed and un-sealed application shall not be accepted.
- (iv) All pages of the application and documents being submitted must be signed and sequentially numbered by the manufacturer.
- (v) Ambiguous applications will be out-rightly rejected.
- (vi) Applications not submitted as per the format will be rejected straightaway.
- (vii) No deviations from the specifications will be accepted.
- (viii) The manufacturers will bear all costs associated with the preparation and submission of

their applications. TD will, in no case, be responsible or liable for those costs, regardless of the outcome of the enlistment process. In case of incomplete applications where TD requires the applicants to submit any missing/incomplete information/documents, the receipt of such clarification/documents by TD shall be deemed to be the date of submission of the Application.

(viii) TD may, at its own discretion, can add or delete any clause of this document.

8. Enlisting fee for VLTD Manufacturer and RFC

The application shall be submitted along with enlisting fee of Rs. 15000/- (Rupees Fifteen Thousand only) and Rs.5000/- (Rupees Five Thousand only) for VLTD manufacturer and RFC respectively. It can be submitted through demand draft in favour of "DDO, Transport Department, Puducherry " payable at Puducherry. The enlisting fees paid to TD will not be refundable. Any application not accompanied by the aforesaid payment shall be considered as non-responsive and will be rejected.

9. Performance Bank Guarantee Fee

- i. A performance bank guarantee of Rs 5,00,000/- (Rupees five lakh only) shall be submitted by eligible successful VLTD manufacturer intending to be enlisted, within 15 days. The performance guarantee shall be in the form of bank guarantee issued from any of the nationalized banks and shall remain valid for three years from date of issuance of enlistment letter along with credentials.

Forfeiture of Performance Bank Guarantee:

Performance Bank Guarantee amount in full or part may be forfeited, including interest, if any, in the following cases:-

(i) When any of the below circular/notifications breached by the manufacturer

- (1) AIS-140 Standard including amendment 1 (December'17) & Amendment 2 (December'18) and any other amendments from time to time.

- (2) When manufacturer fails to comply with any other circular/notifications/orders/guidelines issued by MoRTH/Central Government/U.T. of Puducherry Government /TD from time to time.
- (ii) When the manufacturer fails to comply with any applicable terms & conditions of this document
- (iii) When Manufacturer fails to comply with Standard Operating Procedure issued by MoRTH Govt. Of India .
- (iv) When manufacturer fails to provide integration with Vahan database on real time basis and to the Monitoring Centre application of the U.T. of Puducherry as per requirement.
- (v) When the manufacturer or RFC is involved in malpractices.

The above conditions if fulfilled individually or collectively, the Performance Bank Guarantee submitted by the applicant shall stand forfeited to the U.T. of Puducherry with no further recourse to any opportunity, once the notice with regard to the above terms is issued and despite opportunity, the said default is not rectified with in a time provided in the notice.

No interest shall be payable on the Performance Bank Guarantee.

10. Submission of Application for Enlistment

- a. The manufacturer can apply for enlisting of one or more models of VLT devices.
- b. The manufacturer is required to submit statement of compliance of the devices with the specifications as set out in this document.
- c. The Manufacturer is required to submit his application in the prescribed format given in this document. The manufacturer is also required to submit two VLT devices, eSIM with 2 year data plan validity and all other necessary documentation needed for interfacing and testing. The department may call registered VLT devices for inspection any time.

d. All communications and proceedings shall be in writing and in English language only.

11. Details of Documents to be submitted

The manufacturers are required to submit the following documents.

- a) Documents required as per all clauses, and other details submitted.
- b) DD towards enlisting cost.
- c) Manufacturer enlisting form.
- d) Type approval certificate.
- e) Authorization for RFC.
- f) All affidavits, self-declaration and relevant documents mentioned in this document shall be submitted along with application.
- g) Compliance report in terms with specifications for VLT devices and emergency button for AIS 140 Standards. Both hardcopy and softcopy (in pdf format) of the above documents are required to be submitted. The documents along with registration form need to be submitted in a sealed envelope clearly bearing the following:
"Application for enlisting of AIS-140 VLTD Manufacturer", Transport Department – Puducherry". Name and address/email of manufacturer with contact number. The application should reach :
Transport Commissioner, Transport Department, 100 Feet Road, Mudaliarpeta, Puducherry 605004

The RFCs are required to submit the following::

- i. All required documents for enlistment shall be submitted along with registration application.
- ii. Demand Draft in favour of "DDO, Transport Department, Puducherry " payable at Puducherry

12. Evaluation of Applications

- a) The application found complete in all respect shall be considered for processing and testing of VLT devices for compliance with specifications.
- b) TD reserves the right to verify all information and documents submitted by the applicant. Applicant may be asked to submit relevant documents, if any clarification required.
- c) Decision of Transport Department regarding enlisting/ rejection of the VLT devices under this process will be final and no correspondence in this regard will be entertained by TD.
- d) Selected manufacturer models will be published on Transport Department website after submission of PBG and all relevant documents by the shortlisted VLT manufacturers.
- e) Transport Department may conduct manufacturing site inspections to validate manufacturing of VLT devices.
- f) Transport Department may conduct site inspections and validate the facilities of RFCs authorized by manufacturers as RFC for distributing and fixing the VLT device to customers.
- g) In case Transport Department delist any RFC due to any dissatisfaction or RFC withdrawal, then the corresponding manufacturer shall arrange alternate RFC in the same region.

A. Operational Evaluation

Compliance against the operational specifications below needs to be submitted by the applicant. The same should be subjected to demonstration by the Applicant and/or testing by TD or their authorised agency for validation, as mentioned below:-

Sl. No.	Specification	Validation Process	Confirmation (Yes/No)
1	Communication Protocol as per AIS140 standards in line with Ministry of Road Transport &Highways (MoRTH) directives and notifications.	Device functionalities to be demonstrated by the applicant at the time of submission	
2	Demonstration VLTD device on test server configuration of the TD Puducherry Monitoring Centre(All key functionality as per AIS-140)	Acknowledgement of test command given to device and display of Tracking message to the Puducherry Monitoring Centre	
3	Fitment of the VLT device with Panic Button System, in a test passenger vehicle	Demonstration and connection, in the test vehicle	
4	Demonstration of live tracking and alert messages as per AIS-140, when the Panic button is pressed	Demonstration of the live tracking & alert message at TD Monitoring Centre test server and emergency response server (2 messages at two different servers)	
5	The Primary source of power for the device should be from vehicle's battery. When the device is disconnected from vehicle battery it should start operating on internal battery	A demonstration by Applicant together with supporting document as under:AIS-140Certification.	
6	Alert on tampering and vehicle battery removal.	A demonstration by applicant together with supporting document as under:AIS-140 Certification	
7	Device should meet all the features prescribed as per AIS-140 Standards	Report by applicant	

8	Device shall be capable for operating in L and/or S band and include support for NAVIC/IRNSS (Indian Regional Navigation Satellite System)	Certification Copy should be attached by applicant	
9	Device should meet all the features prescribed as per AIS-140 i.e. <ul style="list-style-type: none"> • Emergency Alert Emergency button wire disconnect/wire-cut Vehicle Battery Disconnect/ Main power removal VLT device opened Over speed • Harsh Breaking/Acceleration Rash Turning Impact GEO Fencing entry/ exit • Vehicle battery reconnect/Low 	A demonstration by the Applicant	
10	Over the Air (OTA) firmware upgrade	Documentation and Demonstration from the Applicant	
11	Dynamic Location Accuracy Test as per AIS-140	A demonstration by the Applicant/Testing at Puducherry Monitoring Centre	
12	Location Accuracy Test as per AIS-140	A demonstration by the Applicant/Testing at Puducherry Monitoring Centre	
13	Over Speed Alerts as per MoRTH Notification	A demonstration by the Applicant/Testing at Puducherry Monitoring Centre	

Legend:

Yes: Feature is available in the Vehicle Location Tracking Device model submitted

. No: Feature is not available in the Vehicle Location Tracking Device model submitted.

- After successful demonstration/ evaluation intimation will be sent to successful AIS-140 VLTD manufacturers

- A performance guarantee shall be submitted by the successful AIS-140 VLTD manufacturer intending to be enlisted, within 15 days.
- Subsequent to which successful AIS-140 VLTD manufacturer name will be published in enlisted VLT manufacturer list and required credentials of the VAHAN will be issued to the manufacturer.

B. Final Enlistment of AIS 140 VLTD and its Manufacturer:

The final selection of AIS 140 VLTD and its manufacturer will be done on the basis of fulfilling pre-qualification criteria as well as and operational evaluations done by the TD.

C. Blacklisting:

If any information or document provided by the manufacturer is found to be false or misleading during the evaluation process, such application would be liable for rejection and if the VLT device has been enlisted, its enlistment would be liable to be cancelled. Further, the manufacturer may be considered for blacklisting.

13. Guidelines for implementation

1. Guidelines to VLT Manufacturers and RFC

- Standard Operating Procedure issued by MoRTH ,Govt of India vide letter no RT-16011/7/2020-T dated 22-02-2021 for Vehicle Location Tracking (VLT) registration and activation in VAHAN shall be followed
- In case of any problem in updating in Vahan 4.0, it will be VLT device manufacturer's responsibility to resolve the same.
- Any official of Transport Department not below the rank of Asst. Motor Vehicle Inspector or any other person authorized in this behalf by State Government may

verify the registration/activation/functional status of VLT device in the Vahan 4.0 / Puducherry Monitoring Centre application (both in web & mobile App) at all the reasonable times.

- iv. Publish VLT device details in the Vahan 4.0 and any other system used for registration of vehicles and/or issuance of permits
- v. Publish alerts and health check as per AIS-140 specifications or as specified by U.T. of Puducherry, received from VLT device in the Vahan 4.0 and any other U.T. of Puducherry system used for registration of vehicles and/or issuance of permits.
- vi. The data from VLT device shall send data only to the Puducherry Monitoring Centre and or any other agency such as ERSS as specified by TD from time to time.
- vii. U.T. of Puducherry Monitoring Centre application/backend data will be hosted on servers physically located/cloud servers at the NIC cloud server and no data or its copies should be hosted outside India.
- viii. VLT device Manufacturer/RFC should ensure alerts to Puducherry Monitoring Centre application/backend must be in strict compliance to the clause 8 – code of practice (for implementation of VLT device, emergency button(s) and CCC) of the AIS 140.
- ix. Each manufacturer must provide to Puducherry Monitoring Centre, a secure mechanism and SMS command set of their device to update, query and configure the device parameters, as defined in AIS 140, using the U.T. of Puducherry Monitoring Centre application / backend application.
 - a) Regarding RFC for installation and maintenance
 - Enlisted OEM should arrange his RFC,as defined in document, in the U.T. of Puducherry

- Enlisted OEM should have a supervisory control over his RFC operations and should ensure quality service to customers

RFC should have the following facilities

- An office in the region
- Trained technicians to fix the VLT device in vehicles
- A minimum of one person with computer & internet knowledge for tagging device with TD application and printer for printing the installation certificate
- A contact telephone number should be provided to customer for service support.

b) Quality of service (QOS) -

The VLT manufacturer will provide directly or through RFC the following QOS as per standards mentioned below-:

- Up time of the device and tracking upto 97% calculated in the month.
 - i. If any complaint is raised against the installed VLT device, then the concerned manufacturer/registered agency/ franchisee/RFC should respond within 8 hours.
 - ii. For complaint classified as high, resolve within 24 hrs of reporting the complaint.
 - iii. For complaint classified as **medium**, resolve within 48 hrs of reporting the complaint.
 - iv. For complaint classified as **low**, resolve within 72 hrs of reporting the complaint.
 - v. If more time is required, then a standby VLT of same model should be

installed temporarily and replaced once the original VLTs issue gets solved. The complaint and clarifications should be logged into the Website/Mobile App integrated with TD/ Common layer application/backend.

vi. The department can anytime direct to submit the above i to v reports. In case of gross irregularity i.e. if manufacturer/RFC unable to resolve minimum 40% of complaints in time a notice of cancellation will be issued within the time frame fixed by TD to the concerned VLTD manufacturer/RFC.

- **Classification of High, Medium & Low Complaints**

High - Any physical damage or hardware issue which completely stops or effects the normal working of VLT/ Error in normal & emergency data sending/ Missing or unwanted generation of critical alerts / Issues related to Emergency buttons etc.

Medium - any condition which makes the device partially working like wrong update frequency, missing or unwanted generation of Non critical alerts, issues related to hooter/buzzer etc.

Low - Any condition which limits certain features of the device without effecting the normal working of the VLT like issues related to full packet, health packets etc.

Note: AIS 140 VLT device not functional /not sending data to Puducherry Monitoring Centre continuously for a period of 6 hours PAN India is liable for penal action as per law.

- **Complaint Register**

If the VLT device is found to have any complaints, then it should be registered in the complaint register module of the application to avoid false alerts. All the complaint registered should be rectified within the timeline specified in the above service time

- **Subscription Renewal**

All enlisted AIS-140 VLTD manufacturers should ensure that they / their RFCs

provide a subscription renewal certificate to vehicle owners at the time of renewal of the subscription. This certificate should be produced by vehicle owner either printed or electronic format to MVI at the time of inspection for grant or renewal of Certificate of Fitness (CF)

- **Training to RFC**

All VLT device manufacturers should have master trainers who are well trained and have thorough knowledge in backend application used at RFC. These master trainers should give training to franchises/RFC technicians for fitment and tagging of VLT device.

c) Regarding fitment of VLT device in a vehicle

- **Position of VLT and Panic Buttons**

Physical mounting of VLT device in vehicle should be as per AIS140 standards section 5.3. and any other directions issued from MoRTH and TD from time to time

- **Wiring of VLT and Panic buttons**

VLT devices and panic buttons should be properly wired in the vehicle. The wires to panic buttons and hooter/ buzzer should be provided with proper shielding or outer covering. No wires should be exposed or seen hanging. Wires should be properly coupled and should be fire proof. All safety precautions should be taken in fitment of VLT devices and panic buttons.

- **Hooter / buzzer**

Hooter/buzzer for emergency condition should be loud enough to be audible to passengers and nearby people outside the vehicle. It should be placed in a convenient position inaccessible by passengers.

- **Notice to Passengers & Public**

Proper indication to passengers and public should be given in the vehicle. Stickers indicating the fitment of Vehicle Tracking Device (**Fitted with AIS140 Vehicle**

Tracking System) - may be placed at front and back side of the vehicle. Information regarding the panic button should be provided to passengers.

Messages indicating the use of Panic button eg: **Press in case of Emergency Only, Misuse will result in penalty**, should be placed above each panic button.

- **Puducherry ERSS**

As per the mandate of AIS140, ERSS of Puducherry is operational, The device should send the emergency alert packet to the server mentioned by ERSS team. The data format should be as per the ERSS specifications. The vendor should ensure that all the deployed devices meet this mandate.

d) **White listing of IP and SMS mobile number**

TD Puducherry Monitoring Centre will share the IP / Domain to which data should be send. Manufacturers should ensure that the device will send data to the allowed IPs only.

Backend will publish the SMS gateway short code or mobile number from which the activation key and other configuration parameters may be send. Vendor should ensure in the firmware that the device will not respond to any SMS from any unauthorized mobile number.

e) **Customer Support**

Vendor should set up a call centre or a 24/7 toll free number for customer support within 30 days of enlistment. Any queries regarding the VLT, service or complaints should be properly addressed.

Annexure - A. Application Form for Enlisting of OEM & their VLT device

**Application Form for enlisting of OEM & their VLT Device Format for VLT Application Form
(on the official letter head of manufacturer)**

Date :

To,
The Transport Commissioner,
100- Feet Road,
Mudaliarpet,
Puducherry 605004.
E-mail ID: tc.pon@nic.in

Sub: Enlisting of AIS-140 VLTD OEM for the Public Service Vehicles in the U.T.of Puducherry,

Sir,

We have fully understood the requirements and the process of " Enlisting of OEM and their Vehicle Location Tracking (VLT) device with emergency button for vehicles, in the U.T. of Puducherry" and are submitting our enlisting application for the following VLT device(s) being manufactured by us with the required details, other information as per the registration process and the compliance report for VLT specification and protocols

OEM name and address	
Address	
VLT device model details	
Address of VLT production center	
Contact Person details (If different from undersigned)	

We hereby submit the following details relating to our application:

1. Our application is unconditional and all information provided in the application is true and correct.

2. We hereby declare that the VLT device(s) being submitted for registration complies with the specifications as set out in the enlisting process document and we shall make available any additional information as TD may find necessary as required for clarification.
3. We acknowledge the right of Transport Department to reject our application without assigning any reason and accept the right of TD to cancel the enlistment process at any time without incurring any liability to the registered Manufacturers.
4. We confirm that we are not blacklisted by the Government of Puducherry or Central Government/Department/Agency in India from participating in bids during the last three financial years i.e. 2019-20, 2020-21 and 2021-22.
5. We agree to keep the quality of the registered VLT models and support the customers whenever required.
6. We confirm that we will train all our RFCs towards fitment of the certified VLT models produced by us.
7. We confirm that we will share all details of the RFCs i.e. Name, Address, email, Helpline no, technicians etc. with TD as and when appointed.
8. We confirm that we will maintain privacy of all data related to VLT device/owner/vehicle.
9. We ensure that the VLT devices supplied by us are in compliance with AIS-140 standards and any other rules/regulation/guidelines notified/issue by the Government of India or the Government of Puducherry in this regard.

Sincerely,

(Signature, name and designation of the authorized signatory) (Contact no. including, phone no., fax, email and contact address)

Annexure - B. List of Submissions/documents

List of Submissions for Manufacturer

1. Details of the VLTD Manufacturer

- a. Name of the Company
- b. Place of Incorporation
- c. Date of Incorporation
- d. Address of Head Office/ branch offices, if any
- e. Details of VLT devices manufacturing facilities (also mention whether owned or contracted its capacity, third party etc)
- f. Affidavits, Self Declaration, Compliance, Certificates & required documents as mentioned in terms & conditions and guidelines of this document.
- g. Certificates of agencies, manufacturing facility (like ISO, CE etc)
- h. Brief description of the Company including details of its main lines of business.
- i. Details of production facilities (area, machinery, manpower, production capacity).
- j. Website details /URL
- k. Particulars of the authorised signatory of the Company including name designation, address, phone no, mobile no, fax and e-mail

2. Documents in support of compliance with the criteria mentioned in this document by manufacturer.

- a) Certificate of Incorporation issued by the competent authority with copy of registration documents.
- b) Address of manufacturing unit.
- c) Demand Draft towards the Application fee.

- d) Demand Draft towards Performance Bank Guarantee (at the time of enlistment)
- e) TD Compliance reports.
- f) Two sample VLT devices with related documents (with device brochures; Do's and Don'ts; user manuals; device protocol(s)/API documents explaining all the messages, fields and their values; other certifications for VLT devices standard's compliance and eSIMs and their details)
- g) Any other document required by the TD other than mentioned in this document.

Annexure - C. Terms and Conditions Governing Enlistment

Terms and Conditions Governing Enlisting

- 1. Commercial arrangement of VLTs between Manufacturers and Vehicle Owners** - Any commercial or other arrangements/ agreements between the enlisted manufacturer and the vehicle owners (customers) and the price of the certified VLT device and all other terms and conditions including those related to warranty, AMC, nature of service etc shall be as mutually agreed between them. TD has no role, responsibility and liability in relation to the same. TD may direct the manufacturers to share the MRP of their enlisted devices and their MRP for publishing on the website of the Department.
- 2. Response Time** - If any complaint is raised against the installed VLT device, then the concerned enlisted manufacturer/ RFC should resolve the complaint as per guidelines for implementation mentioned in the document.
- 3. Monitoring and Audit** - Once the enlisted manufacturer/ RFC is authorised/ approved, TD shall have the right to monitor/audit the certified VLT devices installed in the vehicles and manufacturing/RFC/office facility used by the enlisted manufacturer and the service and support provided with a view to ascertain their continued compliance with the terms and conditions governing the registration.
- 4. Cancellation of enlistment** - Suspension or Delisting of VLTD Manufacturer/ Model
 1. If the transport department is satisfied after giving the enlisted VLTD manufacturer an opportunity being heard that.
 - a) is a habitual defaulter in resolving the complaints registered by the owners of the motor vehicles fitted with VLT Devices by him / his

authorized RFC.

- b) has supplied / fixed or causes or permits any RFC or other person to fix a VLT Device, model of which is either not approved by the test agency notified under Rule 126 of CMV Rules 1989 or enlisted by the Transport Department, UT of Puducherry.
- c) is an offender with respect to unethical trade or business practises
- d) the declarations or statements made by him are found false.
- e) he was enlisted by fraud or misrepresentation.
- f) he has supplied / fixed or causes or permits any RFC on any other person to fix a VLT device whose authorisation / certification / COP is either suspended or cancelled or not rewarded for any reason.
- g) he has fail to appoint any other person / entity as RFC when the existing RFC is closed its business or not responsive to the complaints / service requests of the owners of the motor vehicles.
- h) he has failed to maintain sufficient infrastructure at his RFC to provide assistance to the vehicle owners.
- i) he has failed to furnish the data related to VLT Device fitted by him, as requested by the Transport Department.
- j) he has failed to comply any standards prescribed or rules / orders / guidelines notified issued by Govt. of India or Govt. of Puducherry, it may, for reasons to be recorded in writing, make an order.

- (i) delisting the manufacturers of VLTD or its RFC for a specified period from enlistment of all or any model of VLT device enlisted by the TD; or
 - (ii) Delist the manufacturers or RFC as the case may be permanently.
- 5. If any fault is found or any complaint received from end user customers, then TD shall take actions against the enlisted manufacturer and their RFC and have the right to suspend or cancel the enlistment/enlisting issued to that particular VLT model.
- 6. **Liability** – Enlisted AIS-140 VLTD manufacturer and their RFC shall be liable and responsible for performance of the VLT devices supplied to the vehicle owners.
- 7. **Jurisdiction** - Any issues related to enlistment of VLT or licensing of agencies are governed by the laws established in India and competent to deal with disputes, if any, arising out, the courts in Puducherry shall have exclusive jurisdiction to determine any proceeding in relation to this enlistment
- 8. **Dispute** - In case of any dispute related to technical (operational testing), the decision of Transport Department shall be final and binding.
- 9. **Use of Trademark/ Logo of Transport Department** - Manufacturer shall not use the Transport Department logo or any other trademark, symbol, or icon on or in connection with the enlisted VLTD Devices or any of the manufacturers VLT devices including those on its packaging, manuals, promotional and/or advertising materials, or for any other purpose without an express written permission from Transport Department.
- 10. **Notice** Any notice or other communication to be given by a party to the other under, or in connection with the matters contemplated by or under the enlistment shall be in writing and shall be delivered by hand/ registered post/ courier at the notified address of the party concerned.

Annexure - D. Bank Guarantee Format for Performance Security

Bank Guarantee Format for Performance Security Beneficiary: Transport Commissioner, Transport Department, Puducherry

Date: *[Insert date of issue of BG].....*
PERFORMANCE BANK GUARANTEE No.: ... *[Insert guarantee number]* ...
PERFORMANCE BANK GUARANTEE Amount: ... *[Insert guarantee amount]* ...
Manufacturer: ... *[Insert manufacturer Name and Address]/*
Guarantor: *[Insert name and address of the issuing Bank]....*

1. The Manufacturer named above has entered into above referred contract with the beneficiary, for the supply of VLT and / or Services as defined in the said VLT manufacturer enlistment. According to the conditions of the VLT manufacturer enlistment, a performance security is required to be furnished by the manufacturer to the beneficiary for due performance of the contract.
2. At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of Rs _____/- (Rupees in words), upon receipt by us of the Beneficiary's demand stating that the manufacturer is in breach of its obligation(s) specified in the enlisting document, without the beneficiary needing to prove or to show grounds for your demand or the sum specified therein.
3. We do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the beneficiary / Government. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs _____/- (Rupees in words)
4. We undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by manufacturer in any suit or proceeding pending before any Court or Tribunal relating thereto liability under this present being absolute and unequivocal.
5. The payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the manufacturer shall have no claim against us for making such payment.
6. We further agree that the Guarantee here in contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract including

Guarantee/ Warrantee period and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

7. We further agree with Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and condition of the said Contract or to extend time of performance by the said Manufacturer from time to time or to postpone any time or from time to time powers exercisable by the Government against the said manufacturer and to for bear or enforce any of the terms and condition relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or only extension being granted to the said manufacturer or for any forbearance, act or omission on the part of the Government or any indulgence by the Government to the said manufacturer or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

8. Notwithstanding anything contained herein above our liability under the Guarantee is restricted to Rs.and shall remain in force until

9. This Guarantee will not be discharge due to be change in the constitution of the Bank or the manufacturer.

10. We lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Government in writing.

Dated.....

For.....

(Indicate the name of the Bank)

Signature.....

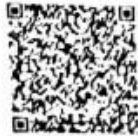
Name of the Officer

Designation of the officer.....

Code no.....

Name of the Bank and Branch.....

Annexure - E. Sample format for certificate



FITMENT CERTIFICATE/DEPARTMENT COPY

To,
The Regional Transport Authority,
PB02

Fitment Certificate No: 64666au
Fitment Date: 17/04/2019
Next Calibration Date : 16/05/2020

This is to certify that the Electronics VTS device/ VTS fitted with approved GRL Vehicle Location Tracker (VLT) as per the details given below. It is checked, sealed and is functioning in all manners, unless the device is tampered, having not proper GSM/GPS signals or the seal is broken by unauthorized technician or individual.

Vehicle Details :-

Vehicle No	: XXXXXXXX	Registration Date	: YYYYYY		
Chassis No	: XXXXXXXX	Vehicle(Make)	: YYYYYY	Date of mfg, Year	: AAAAA
Engine No	: XXXXXXXX	Vehicle(Model)	: YYYYYY	Last Fitness Date	: AAAAAAA

Dealer Details :-

Dealer Name & Trade No.	: XXXXXXXXXXXX 111111111	Dealer Address	:BBBBBBBBB
Tech. Name	:BBBBBBBBB	Tech. Info	: XYZ

VLT Details :-

VLT Serial No	: 86520503513	VLT Type	: Electronic	VLT Model	: A/S140 Sample
Fitment Certificate No	: 17CTZ9A104198652050351375	Seal No	:	Testing Agency	: ICAT
Fitment Date	: DDMMYY	TAC No	: TAC1	Test Report No	: 67549
Invoice No	: NIL	Invoice Date	: XXXXX	Test Report date	: 01/01/1970
Serial No	: 00000011	Cop Date	: XXXXXX	Manufactured	: GRL
		UniqueID	: ABC789		

Fitment Images:-



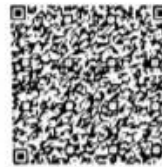
RC



Vehicle



Device Installation



Certificate Details

RTO Sign & Seal

PRODUCT SATISFACTION REPORT

I, XYZ, certify that my vehicle, PBXX1234 has been fitted with **Electronic** VLT bearing serial number and I'm satisfied with the working performance of VLT. I have verified that all the sealing points of the VLT has been verified by me.

Date	: XXXXX	Name of the Customer	: XXXXX
Time	: XXXXX	Driving License No/Passport No	: XXXXXX
Place	: XXXX	Mobile Number	: XXXXX

-----End of Document-----