

**Commissionerate of Transport and Road Safety
Government of Tamil Nadu
Anna Salai, Guindy, Chennai - 600032**



EOI Reference No:8067/S3/VLTD/2020

Dated:03.09.2025

**Request for EOI from Manufacturers of Vehicle Location Tracking
Devices (VLTD) for fitment to Public Transport Vehicles in
Tamil Nadu**

Date of Release of EOI Document	04.09.2025
Last Date for Submission of EOI	22.10.2025 before 3.00 PM
Date of Opening of EOI	23.10.2025 at 3.30 PM

IMPORTANT NOTICE

This EOI procedure is governed by the Tamil Nadu Transparency in Tenders Act, 1998 the Tamil Nadu Transparency in Tender Rules, 2000 and the AIS-140 Standard, as amended from time to time. In case of any conflict between the terms and conditions in the EOI document and the Tamil Nadu Transparency in Tenders Act, 1998 and The Tamil Nadu Transparency in Tender Rules, 2000 Act and Rules shall prevail.

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1	PREAMBLE
1.1	<p>The Commissionerate of Transport and Road Safety, Government of Tamil Nadu operates under the aegis of the following framework:</p> <ul style="list-style-type: none"> • The Motor Vehicles Act, 1988/2019. • Central and Tamil Nadu Motor Vehicles Rules, 1989 and amendments thereof. • Tamil Nadu Motor Vehicle Rules and Taxation Act, 1974 and amendments thereof. <p>1.2 The Transport Department is responsible for the registration of vehicles, issuing of learners/driving licences, ensuring fitness of vehicles and related works. Road safety also falls under the ambit of the Department. The Department’s functions are monitored and controlled by the Commissionerate of Transport and Road Safety, Guindy, Chennai. The State has 91 Regional Transport Offices in 38 districts. The Department provides several transport related services to citizens. The Department has adopted a multi-pronged approach to road safety stressing on the 4Es of road safety, viz., Education, Enforcement, Engineering (Roads and Vehicles) and Emergency Care.</p> <p>1.3 The key services of registration of vehicles and issue of driving licenses are offered by the Department through web application https://parivahan.gov.in/parivahan of Ministry of Road Transport & Highways (MoRTH), Government of India. The Ministry has directed standardization activities to be initiated on Intelligent Transportation Systems (ITS) - Vehicle Location Tracking, Camera Surveillance System and Emergency Request Button conforming to the Automotive Industry Standard AIS-140 titled, “Intelligent Transportation Systems (ITS) - Requirements for Public Transport Vehicle Operation” being implemented all over India for all public transportation namely - buses, taxis, etc.</p> <p>1.4 The AIS 140 is a set of safety and emergency standards which includes features like real-time Vehicle Location Tracking (VLT) and a Panic Button. For public transport vehicles, especially after the <i>Nirbhaya</i> incident, the AIS 140 ensures swift emergency response mechanism to enhance passenger</p>

safety. This mandatory standard requires real-time tracking, emergency buttons, and other features to enable prompt responses to incidents and efficient traffic management.

1.5 The key aspects of AIS 140 and its importance for public transport are

- Real-time Tracking:

AIS 140 mandates the use of GPS tracking devices that transmit the vehicle's location in real-time. This allows authorities to monitor the movement of public transport vehicles and respond quickly to emergencies.

- Emergency Buttons:

Public transport vehicles are required to have one or more emergency buttons (panic buttons) that passengers or drivers can use to alert authorities in case of an incident.

- Efficient Traffic Management:

By tracking vehicle locations and potentially identifying traffic patterns, AIS 140 contributes to better traffic management, route optimization, and reduced congestion.

- Enhanced Safety:

The primary goal of AIS 140 is to enhance passenger safety. Real-time tracking and emergency response mechanisms allow for quicker intervention in accidents, theft, or other emergencies.

- Accountability and Transparency:

The tracking data can be used by regulatory bodies and law enforcement agencies to monitor compliance, investigate incidents, and improve overall accountability within the public transportation system.

- Compliance and Enforcement:

AIS 140 compliance is often a prerequisite for vehicle registration and permits. Authorities can use the tracking data to enforce regulations

and ensure that public transport vehicles adhere to safety standards.

1.6 The VLT system is a combination of hardware, software and communication technologies. The major components of tracking system are as follows:

- Vehicle Location Tracking Device (VLTD) and Panic Buttons:

VLTD is a hardware unit equipped with GNSS (IRNSS) logger, a 2G/3G/4G/5G based communication system, power supply and back up mechanism. The entire system is packed into a rigid enclosure with proper indications and power input. The VLTD will have panic buttons connected which on activation will raise the emergency alert to Emergency Response Support System.

- Vehicle Tracking Backend:

A software system receives the data from VLTD, process it and logs it. This data is further processed for generating automated alerts and messages. The software resides in server(s).

- Communication facility:

VLTD sends the geo-location information to the server in a predefined interval in this case the most common communication method is using 2G/3G/4G, made possible through the existing mobile networks using 2 eSIMs.

- Command & Control Centre:

A GIS 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.

1.7 The AIS on ITS, has been provisioned for VLT device level approval - including construction and target vehicle level approval. The Device level approval is needed to enable retro-fitting of ITS systems on in-use vehicles. The Command and Control Centre (CCC) infrastructure in the Department will track and handle the alerts. The VLT devices would transmit data to the CCC using 2G/3G/4G wireless connectivity (with SMS fall back) as per the protocol. The data from the devices would travel over the wireless telecom service provider network and finally get delivered at the CCC. The details

about Device to CCC Communication Mechanism are mentioned in Appendix-C.

- 1.8 The Commissionerate of Transport and Road Safety, Government of Tamil Nadu, hereinafter, called as the “Transport Department” or “Authority” proposes to empanel eligible manufacturers of Vehicle Location Tracking Devices(VLTD) through Expression of Interest (EOI).
- 1.9 The VLTD manufacturers are required to have Service and Support Centres in each of the 12 zones of the Transport Department and Retro-fitment centres in every district in Tamil Nadu at the time submission of EOI. Upon empanelment, the manufacturers should have at least one Retrofitting Centre (RFC) in each of the 91 RTO jurisdictions in the State.
- 1.10 This Expression of Interest (EOI) is being issued to invite applications from qualified manufacturers of VLT devices who can supply, install, configure and maintain the tracking devices in the public transport vehicles. The EOI submission is to be made online on the e-Procurement portal of the Tamil Nadu state, <https://tntenders.gov.in>.
- 1.11 The Request for EOI notification has been published fixing the date of opening of EOI as 23.10.2025.

2.

SCOPE OF THE PROJECT

- 2.1 This EOI pertains to the following 4 categories of public transport vehicles. All public service and transport category of vehicles as defined under section 125H, 90 and 129 of CMVR 1989, as notified vide notification No. 1095(E), 1081(E), 617(E) shall be covered under this project, including the following vehicles.
- a) Buses
- School Buses
 - Stage Carriages
 - All India Tourist Permit Vehicles
 - Private Service Vehicles
- b) All types of taxis (All India / State Permit)
- c) Maxi Cabs

- d) All goods carriers including Water Tankers, Petroleum Tankers, etc. except Not Covered by Permit (NCP) vehicles.

The Government of Tamil Nadu may exclude or include any other type and category of vehicles in accordance with extent rules. The covered vehicles should be tagged with VLT devices for certificate of fitness application. The owners of the vehicles will purchase the VLT devices from VLTD manufacturers registered or empanelled with Transport Commissionerate in Tamil Nadu.

2.2 Roles of the stakeholders are as follows:

2.2.1 Manufacturer of Vehicle Location Tracking Device (VLTD):

- a) Any manufacturer of vehicle location tracking device (VLTD), having valid AIS-140 type approval certificate from accredited agencies as per Rule 126 of CMVR 1989 and a valid conformity of production (COP) shall be eligible to sell and operate their devices in the State, subject to registration of their AIS-140 VLT device and fitment centre as per procedure prescribed in this document. The eligibility criteria for the manufacturer and the technical and operational specifications for VLTD and backend application details listed in this document are indicative in nature and are liable to change as per established procedure.
- b) The registered VLTD manufacturer would be required to connect and integrate their VLT device with the State Backend Application at the CCC.
- c) The VLT device shall transmit Position - Velocity - Time (PVT) data information to Primary IP and Emergency request information to Secondary (Emergency) IP of State Backend Application, provided by C-DAC at user configurable frequency (minimum 5 seconds) via GSM/Cellular.
- d) Apart from mandatory requirements of the AIS-140 standard, VLTD manufacturers should provide value added services through their backend system or mobile apps to the vehicle owners, subject to the prior approval from the Department. The mobile apps should provide interface in English and Tamil Languages.
- e) VLTD manufacturer would be required to follow the process for registration as defined on the portal of the State Backend Application.

For any additional assistance required for verification, integration and compliance of their device / e-sim with the State Backend Application, Vahan, Permit application, ERSS, or any other system/application of the state, the VLTD manufacturer should contact State Transport Authority (Transport Department) or the Help Desk of Command and Control Centre.

- f) VLTD manufacturers are required to setup Retro Fitment Centres (RFC) in all RTO office regions of Tamil Nadu. RFC centres shall be equipped with all required equipment and tools for the proper fitment of VLTD in the vehicles and shall employ trained manpower. The registered manufacturer should ensure proper fitment of the VLT device in the covered vehicles at RFC.
- g) The manufacturer should provide minimum warranty of two years covering AMC for the products sold by them. Manufacturers /Registered Fitment Centres shall supply and support only Government approved and certified VLTD models across the State.

2.2.2 State Transport Department :

- a) The Transport Department, Government of Tamil Nadu, through the Transport Commissionerate shall implement the project. The Department will give VLTD manufacturers (and its Retro-fitment Centres) controlled access to the State backend application at CCC for tagging (connecting) and on boarding details of the VLTs in the backend application in real time.
- b) The Transport Department will provide login credentials and monitoring interface to various other stakeholders such as State Emergency Response Team, Regional Transport Offices, Police Department, Ministry of Road Transport and Highways and its designated agencies, and any other agency specified by the State government as per requirement.
- c) The registration of VLTD manufacturer is subject to verification of original documents and successful outcome of the compliance evaluation and testing of VLT device.
- d) For redressal of complaints by vehicle owners regarding installed VLTD, the VLTD manufacturer's web interface / mobile app of backend

application must support ticketing system and should be connected to the State Backend Application, so that vehicle owners can report problem or raise support requests, which should be addressed by the respective VLTD manufacturer/ registered RFC centre in a time bound manner. The manufacturers should submit monthly MIS report to the Transport Commissioner through the Portal / CCC.

2.2.3 C-DAC :

- a) The C-DAC shall fulfil roles and responsibilities as agreed upon with the Government of Tamil Nadu.
- b) The Back end Application at the Command and Control Centre shall ensure performance of fitted VLTDs through regular health check and process alerts generated by VLT devices based on the SOPs defined by the Transport Department.

2.3 VLTD System integration work flow in Command and Control Centre (CCC)

In the Command and Control Centre (CCC) set up at the State Transport Department headquarters as per the code of practice guidelines of AIS140, the following provisions have been made.

- a) Registration and activation of the VLT device(s) fitted, date of fitment & its 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.
- b) Re-registration/re-activation of the device(s) fitted on the vehicle in case of any change in device or telecom service provider, etc.
- c) The VLT device shall send status of health parameters at configurable interval as per the parameters and frequency defined in Sub-section 3.1.4 of AIS 140 document (provided in https://morth.nic.in/sites/default/files/Finalized_Draft_AIS_140_regarding_Intelligent_Transportation_Systems_.pdf and as amended from time to time).
- d) Administration/configuration of devices for any changes in the parameters as decided by the Government of Tamil Nadu from time to time.

- e) 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 (provided in Appendix-C) and Standard Operating Procedure defined by Government of Tamil Nadu.
- f) Notification of alerts in case of defined deviations by the vehicle such as over-speeding, deviation from defined route/geographic area, time of operation, etc.
- g) Location tracking of the vehicle in real-time as well as history tracking for up to last 180 days in C-DAC back-end system.

2.4 Technical Terms and Conditions for VLTD Manufacturers:

2.4.1 The following are the terms and conditions for the registered VLTD manufacturers.

- a) Each VLTD manufacturer shall configure the details of their respective Internet Protocol address (IP address) and Short Message Service Gateway (SMS gateway) number of their respective emergency response system, where VLT devices will send the data to the backend application at the CCC.
- b) The details of each VLT device (VLT device manufacturer code, device serial number, IMEI number, ICCID number and other details as notified by the Union Government/State Government) shall be uploaded on the Vahan Portal directly or through backend application by the VLTD manufacturer using its secure authenticated access. In case of any problem in updating Vahan Portal, it will be VLTD manufacturer's responsibility to resolve the same.
- c) The VLTD manufacturer must ensure proper fitment of the VLT device in the public service vehicle. The VLTD manufacturer should ensure that the VLT device installed in the vehicle is in working condition and is regularly sending required data to the State backend application through cellular network connectivity. The VLTD manufacturer must have a support ticketing system to enable customers to report issues with the device or raise support requests, which should be addressed/ serviced by the respective manufacturer.

- d) Authentication of vehicle shall be done through an OTP sent on the vehicle owner's registered mobile number from the backend application. An installation certificate along with warranty certificate must be issued to the vehicle owner (Vehicle owner's copy) and to the Commissionerate of Transport and Road Safety (Department copy). After activation of the device on the backend application, the data will be made available on VAHAN VLT maker module, which will ensure fitness certificate of the vehicles and for compliance of the functional requirements at RTO's end.
- e) Whitelisting of IP and SMS mobile number - Backend system will publish the IP/domain to which data should be sending. The VLTD Manufacturer should ensure that the VLT device sends data to the allowed IPs only. Backend system may publish the SMS gateway short code or mobile number from which the activation key and other configuration parameters may be sent. The VLTD Manufacturer should ensure in the firmware that the device will not respond to any SMS from any unauthorised mobile number.
- f) VLTD Manufacturer must ensure that Code of Practice for implementation of Vehicle Tracking (VLTD) Device, Emergency Button(s) and Command and Control Centres as per the clause-8 of the AIS 140 are strictly adhered to.

2.4.2 Technical Evaluation of deployed VLTDs

Periodical performance evaluation of all VLTD manufacturers and their devices shall be conducted by the Department under the following categories

- a) AIS 140 compliance
- b) Data parameter evaluation
- c) Device performance and live data
- d) Random check in vehicles for fitment & functionality of panic buttons & VLTD
- e) ERSS Integration

2.4.3 Service Level Evaluation of VLTD Manufacturer

- a) Number of service & support centres
- b) Performance of Retrofitting Centre / service & support centres (Based on complaints received)
- c) Evaluation of complaint resolution mechanism provided by VLTD manufacturer
 - Complaints Received
 - Complaints Resolved/Pending
- d) Performance Parameters / indicators
 - The manufacturers should maintain high availability > 95% (or as may be decided by Transport Department) of their device in working status at any point of time.
 - If the Manufacturer fails to meet the minimum performance conditions, the account of the manufacturer in the application shall be suspended till all the performance parameters are met.

2.4.4 Malpractices

If the VLTD manufacturer or its RFC centre is found to be involved in any malpractice such as data spoofing, IMEI faking, fitting of spurious or damaged devices, fraud in M2M SIM recharging, GST or other tax evasions, cheating vehicle owners, etc., the account of the manufacturer, RFC, or both shall be temporarily suspended, followed by an enquiry conducted by the Transport Department or other law enforcement agencies. Based on the outcome of the enquiry, the suspension of the account may be revoked, or further action may be taken, including termination, blacklisting, and legal proceedings.

2.4.5 Exit Plan

Two Exit options are available for VLTD Manufacturers to terminate sales in the state Any manufacture wishing to terminate their operations in Tamil Nadu, may adopt either of the two options given below:

- Option 1

The VLTD manufacturer should agree to provide the services to the entire devices sold in Tamil Nadu till the end of life of the respective devices. The performance bank guarantee shall be retained by the Department until devices are operational / fitted in vehicles.

- Option 2

The VLTD manufacturer in consultation with STA can arrange any other VLTD manufacturer, who is already empanelled in Tamil Nadu, to take over all the devices fitted by the manufacturer on their mutually agreed terms. The proposal for takeover should be submitted by both the parties to the Department and get approval from the Department before proceeding further. The manufacturer should ensure that the takeover process have very minimal overhead on vehicle owners.

2.4.6 Any manufacturer failing to meet the agreed terms and conditions shall be liable for account suspension, termination, legal actions, and blacklisting by the Transport Department.

2.4.7 The Appellate Authority for any complaints by RFC centres shall be the State Transport Authority (STA).

2.4.8 The Transport and Road Safety Commissioner shall be the final authority for any decisions made regarding complaints related to this project.

2.5 Terms and conditions pertaining to RFC for installation and maintenance

2.5.1 Manufacturers of VLTD should arrange RFC in all RTO office regions of the Tamil Nadu.

2.5.2 Manufacturers should have a supervisory control over RFC's operations and should ensure quality service to vehicle owners.

2.5.3 Transport Department shall communicate with Retro-fitment Centres through VLTD Manufacturers only.

2.5.4 RFC should have the following facilities:

- a) An office in the RTO region
- b) Manufacturer certified and trained technicians to fit the VLT device in vehicles
- c) A minimum of one person with minimum ITI qualification (Electrician/Motor Mechanic) and for tagging device with the application.
- d) A minimum of one computer with internet connectivity & printer for printing the installation certificate.
- e) A contact telephone/mobile number should be given to customer to call for support.

2.5.5 Quality of service (QOS)

- a) If any complaint is raised in Customer Care Centre of C-DAC against the installed VLT device, then the concerned manufacturer should respond within 72 hours.
- b) If more time is required, then a standby VLT should be installed temporarily and replaced once the original VLTs issue gets solved.
- c) The complaint and resolution/clarifications should be logged into the Web application/Mobile app.
- d) The Department may at anytime ask for the complaint reports. In case of gross irregularity, suitable penalty will be imposed.

2.5.6 Performance conditions

- a) The RFC should maintain minimum 90% (or as may be decided by Transport Department) of the device installed by them in working status at any point of time.

- b) The RFC should not have more than 10 (or as may be decided by Transport Department) pending complaints at any point of time.
- c) If any RFC fails to meet the minimum performance conditions, the account of the RFCs in the backend application at CCC shall be suspended till all the performance parameters are met.
- d) Any RFC failing to meet the agreed conditions shall be liable for legal actions and blacklisting by Transport Department.

2.5.7 Complaints 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.

2.6 Other Conditions

2.6.1 Subscription Renewal:

All VLTD manufacturers should ensure that 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 to Transport Department, Tamil Nadu at the time of inspection for Fitness Certificate (FC).

2.6.2 Training to RFCs & Service & Support Centres:

All manufacturers should have master trainers who are well trained and thorough in backend/Web Portal/Mobile application. These master trainers should give training to RFCs /RFC technicians for fitment and tagging of VLT device

2.6.3 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 (provided in Clause 3) as well as and operational evaluations by the Transport Department.

2.6.4 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.

2.6.5 Exit plan for RFC to terminate service in the State:

- a) The termination of operations should be intimated to Transport Department, Tamil Nadu and would be considered as mentioned above.
- b) The manufacturer should ensure that the migration process have no overhead on vehicle owners.

2.6.6 Price charged for supply, fitment and on boarding of VLTD to individual vehicle owners:

The VLTD manufacturers allow to determine the price of fitment for VLTD devices as per market conditions. However, if a need arises to put a cap on the price, the Government may do so after an initial period of three months based on the market conditions.

3. QUALIFICATION CRITERIA		
Clause	Qualification Criteria	Supporting Documents/Remarks
3.1	The Applicant Manufacturer should be a registered company in India under the Companies Act 1956/2013 or a Partnership firm registered under section 59 of the Partnership Act, 1932 or Limited Liability Partnership firm registered under the Limited Liability Partnership Act, 2018 or Proprietorship/Proprietary firm.	For Companies: Certification of incorporation. For Partnership: Partnership registration deed or LLP registration document. For Proprietorship: GST Registration document.
3.2	The VLT Device model which Manufacturer intends to submit for registration must be certified according to AIS-140 standard by CMVR 126 MoRTH approved Testing Agencies.	Copy of valid Type Approval Certificate for each VLTD&its test reports. The date of issue of certificate should be on or before the date of EOI application submission.
3.3	The VLT Device model which Manufacturer intends to submit for registration must submit Conformity of Production (CoP) from MoRTH approved Testing Agency.	Copy of valid Conformity of Production (CoP) evidencing the production of VLT devices that exactly match the requirements in the Type Approval Certificate.
3.4	The VLTD Manufacturer should possess ISO 9001:2015 Quality certification.	Copy of valid ISO 9001:2015 Quality certification.
3.5	The VLTD Manufacturer should have their own / authorised service and support centres in each of the 12 Zones of Transport Department, Tamil Nadu at the time of application.	Details of own / authorised service and support centres as per Annexure-IV for each of the 12 Zones. In case of authorisation, additional details of authorisations for the service & support centres has to be submitted. (Verification of the facility shall be done by the

		competent authority).
3.6	The VLTD Manufacturer should have one Retro-fitment Centres (RFC) in each of the 38 districts of Tamil Nadu at the time of application. Post empanelment, the empanelled manufacturer should setup RFCs in all RTO offices in Tamil Nadu, within 30 days from the date of empanelment.	Details of current RFCs along with address, contact person, approvals etc. in each of the 38 districts of Tamil Nadu as per Annexure-V. (Verification of the facility shall be done by the competent authority).
3.7	Manufacturers are requested to submit the M2M certificate of their e-sim provided as proof of validation and compliance	Copy of relevant Approval Certificate(s) for M2M service from DoT.
3.8	The VLT device model name and model number / part number as specified in the AIS 140 certificate should be clearly and permanently inscribed on the VLT device.	Photograph displaying model name and model number / part number as specified in the AIS 140 certificate on the VLT device.
3.9	The VLTD Manufacturer should not have been blacklisted by any Central/ State Government agencies.	Self-declaration by the manufacturer signed by the authorized signatory.
4.	LANGUAGE OF THE EOI DOCUMENTS	
4.1	The documents submitted by the Manufacturer as well as all correspondence and documents relating to the EOI shall be in English language only. If the supporting documents are in a language other than English/Tamil, the notarized translated English version of the documents should also be enclosed. EOIs received without such translation copy will be rejected.	

5.	CLARIFICATION ON THE EOI DOCUMENT
5.1	Any discrepancies, omissions, ambiguities or conflicts in the EOI document or any doubts as to their meaning and any request for clarification may be sent in writing to “Commissioner of Transport and Road Safety, Guindy, Chennai-600032” or through an e-mail to tc.tn@nic.in as per Annexure-X.
5.2	The Transport Commissioner will review the same and where information sought is not clearly indicated or specified in the EOI document, will issue a clarifying bulletin and will also upload such clarification on https://tntenders.gov.in . The Transport Commissioner will neither make nor be responsible for any oral instructions. The email/ letter requesting for clarifications should reach Transport Commissioner before 48 hours of the last date for EOI submission.
6.	AMENDMENT OF EOI DOCUMENT
6.1	At any time after the issue of the EOI documents and before the last date of submission, the Transport Department may make any changes, modifications or amendments to the EOI document and shall upload corrigendum on the website https://tntenders.gov.in for the information of those who have downloaded the EOI document from the website.
6.2	In case any bidder asks for a clarification to the EOI document before 48 hours of the last date of submission of the EOI, the Transport Department shall ensure that a reply is sent and such clarification is uploaded to the designated website https://tntenders.gov.in for the information of those who have downloaded the tender document from the website, without identifying the source of the query.
7.	AUTHORISED SIGNATORY OF THE MANUFACTURER
7.1	The EOI documents should be signed by the person, who is authorised for the same by his/her organisation. Authorisation from the appropriate authority to sign the EOI document must be submitted along with EOI. EOIs received without such authorisation shall be rejected.
7.2	Letter of Authorisation / Power of Attorney is required only when the signing person does not hold the power to sign the document as per Articles of Association. The Power of Attorney should be on a Non-Judicial Stamp

<p>Paper of value of not less than ₹ 100/- in case of Public Sector Undertakings / Public / Private Limited Companies. In case, the signing person being the Managing Director / CEO and is delegated the power to sign all the documents, separate Power of Attorney is not required and only Extract of the Minutes of the Board Resolution to this effect has to be uploaded.</p>	
8.	SUBMISSION OF EOI DOCUMENTS
8.1	The eligible VLTD manufacturers shall participate in EOI only in online mode through the e-Procurement website https://tntenders.gov.in/nicgep/app in the prescribed format.
8.2	VLTD manufacturers are allowed to upload their documents until the EOI closing date and time. The e-Procurement website will not allow any Manufacturer to attempt uploading after the last date and closing time as per the Portal's server clock. The submission of EOIs physically is not permitted.
8.3	All the EOI documents in support of eligibility criteria (as mentioned in Clause 3) are to be scanned and uploaded along with the supporting documents in the designated website.
8.4	To participate in the request for EOI, the VLTD manufacturer should have a valid Class 3 Digital Signature Certificate (DSC), obtained from the certifying authorities enlisted by Controller of Certifying Authorities (CCA).
8.5	Every page of the terms and conditions of the EOI document should be signed and uploaded, in token of having accepted the EOI conditions. Failing which their EOI will be rejected summarily.
8.6	No Manufacturer shall submit more than one EOI.
8.7	The agencies shall be responsible for all of the costs associated with the preparation of their EOIs and their participation in the EOI Evaluation Process. The Department will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the EOI Evaluation Process.
8.8	The Department shall not be liable for any omission, mistake or error in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to the submission of EOI documents or the evaluation process, including any error or mistake therein or in any

information or data given by the Department.	
9.	VALIDITY
9.1	The documents submitted in the EOI shall have validity for the acceptance by the Transport Department for a minimum period of 90 days from the last date of submission of the EOI. No request for less duration for validity will be entertained under any circumstances.
10.	EMPANELMENT OF VLT DEVICE MANUFACTURERS
10.1	The Manufacturers can apply for their VLTD models for registration based on the criteria specified in this document.
10.2	All VLT device Manufacturers must ensure that their respective VLT device has been certified as per the AIS-140, by the approved testing agency like ARAI, CIRT, ICAT, CFMTTI, IIP, VRDE, or GARC, referred to in rule 126 of the Central Motor Vehicles Rules, 1989.
10.3	All models of devices of every manufacturer should be certified as per CMVR 125H & MoRTH guidelines. It should also meet the requirements of the state transport department.
10.4	If manufacturer wants more than one VLTD model to be registered, separate application has to be submitted for each VLTD model. (No separate performance bank guarantee required for additional models).
10.5	The evaluation of application for registration would be carried out based on the evaluation criteria mentioned in this document.
10.6	Only registered VLT models would be allowed to be used by vehicles registered in Tamil Nadu.
10.7	The VLTD manufacturer should have Retro-fitment Centres (RFCs) at the 91 RTO jurisdictions and must be directly responsible for the sale and fitment of VLTDs to vehicle owners or permit holders. To facilitate ease of starting business in the state, the Transport Department requires one RFC in each of the 38 districts of Tamil Nadu at the time of application. The enlisted manufacturers must establish all remaining RFC centres (one in each RTO region of Tamil Nadu) within 30 days after the empanelled list is published. Therefore, manufacturers must submit the details of RFCs in each district

- along with the application form, and also provide an affidavit confirming that the remaining RFC centres (one in each RTO region) will be established within 30 days of being empanelled.
- 10.8 All VLT device manufacturers should have service and support centre in all the 12 Zones of Transport Department, in Tamil Nadu, for providing 24x7 support to vehicle owners and the public. Upon empanelment, the manufacturer should have one mobile service and support centre in each of the 12 zones within 30 days after the empanelled list is published. The service and support centres should provide VLTD related services and call centre support with Tamil language support.
- 10.9 Each zonal service and support centre should be approved by the STA of the corresponding zone.
- 10.10 VLTD manufacturers cannot sell their models for the public service vehicles in Tamil Nadu once their authorization/certification issued by the testing agency is suspended, cancelled or not renewed for any reason.
- 10.11 Manufacturers must give an undertaking to Transport Department Tamil Nadu that in case their registration/certification is suspended, cancelled or withdrawn for any reason, they will continue to support the devices already sold for the public service vehicles.
- 10.12 VLTD Manufacturers must give an undertaking to Transport Department that the Manufacturer is not blacklisted by any Central/ State agencies in India.
- 10.13 The service and support centres should respond to the department immediately on behalf of the manufacturer in case of any queries from the department.
- 10.14 The Department officials may conduct inspections of the manufacturing facility, service & support centres, RFCs and offices of VLTD manufacturers, if required, to ensure proper quality of support and services to the VLT devices customers.
- 10.15 Any empanelled manufacturers failing to meet the performance requirements notified by the Department, shall be suspended from operating until all the performance parameters are met and all complaints are resolved.

- 10.16 Manufacturers must submit the details of its own / authorised service and support centres along with the application form. The details should include the address of the service & support centre, GST and registration details, contact person details, Call centre number, details of the facilities provided. Manufactures must obtain all the required approvals for their own / authorised service & support centre (Local body) which are required to operate in the state. Department may ask these approvals for verification.
- 10.17 The manufacturer should facilitate 2 eSIM subscription in VLT devices along with a subscription of two years for vehicles and one year for vehicles 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
- 10.18 Only DoT, Government of India approved M2M service providers are allowed to participate.
- 10.19 VLTD manufacturers should to provide value added services through their backend system and mobile apps to the vehicle owners subject to the prior approval from the transport department. The mobile apps should provide interfaces in Tamil Language also.
- 10.20 A performance guarantee of Rs.25,00,000/- (Rupees Twenty Five lakhs only) shall be submitted by the VLTD manufacturer intending to be registered, along with the application. Each service and support centre should submit a one-time bank guarantee of Rs. 5,00,000 (Rupees Five Lakhs only) to the Department. The bank guarantee should be submitted for each zonal service and support centre.
- 10.21 The Transport Department of Tamil Nadu may revoke the approval of the registered manufacturer at any time if it is found to be violating any provisions of the 125H, 126 of CMVR 1989, any directions issued by the Transport Department of Tamil Nadu, any other applicable laws, or engaging in any malpractice by the manufacturer or its associates.
- 10.22 Transport Department, Tamil Nadu reserves the right to change the terms and conditions governing the registration and approval of VLTD at any point of time.
- 10.23 Unless the Registration of any VLTD model is cancelled by Transport Department, Tamil Nadu, the certification of VLTD model shall remain valid

	<p>as long as such model continues to comply with the terms and conditions of AIS-140 standard. Before the expiry period, manufacturers have to renew the certification along with late fees (if applicable) as prescribed by Transport Department.</p> <p>10.24 All models of devices of every manufacturer shall be tested for compliance of AIS140 standard, state requirements and performance, randomly at any point of time. If found not satisfactory, adequate action shall be taken against the manufacturer including suspension of registration or blacklisting</p> <p>10.25 The approval for fitment of VLTD in vehicles will be provided in a controlled manner to the empanelled VLTD manufacturers based on their performance. This is implemented to maintain the quality of the system and to ensure the service to the public.</p> <p>10.26 The Transport Department reserves the right to modify the VLT device specification or add additional features to existing specification. The release of the VLTD specifications will be in a version-controlled, Phased manner.</p> <p>10.27 Every VLT model and service of manufacturers selected through registration/empanelment process will be reviewed monthly by RTO and by the STA every 3 months and subsequently actions will be taken against those who violate any of the regulations listed out in this document.</p> <p>10.28 The Transport Department may initiate the registration process of VLTD manufacturers & models, as and when required. Registration shall be in a phased manner and only AIS 140 VLTD manufacturers shall be allowed.</p> <p>10.29 Interested Manufacturers for the VLTD models who comply with the requirements of the Transport Department may download the EOI registration document from the website and submit the same duly filled in and supported by all relevant documents addressed to the Commissioner, Department of Transport and Road Safety, Chennai, Tamil Nadu for further processing.</p>
11.	REGISTRATION FEE FOR VLTD MODELS
11.1	<p>The Manufacturers of Vehicle Location Tracking Devices (VLTD), having valid AIS-140 Type Approval Certificate (TAC) from accredited agencies as per Rule 126 of CMVR 1989 and a valid Conformity of Production (COP) may register their VLT models may submit an application along with registration</p>

	<p>fee of Rs. 25,000/- (Rupees twenty five thousand only) through online Account Name: “TRANSPORT COMMISSIONER” Account Number: 35352307680, IFSC Code: SBIN0000956, Bank Name : SBI, Branch: Guindy for their first VLTD model. For additional VLT models submitted for registration, the manufacturer shall submit an additional fee of Rs.10,000/- (Rupees ten thousand only) for each additional VLTD model before the last date and time of receiving of EOI.</p> <p>11.2 The registration fee is not refundable. Any application not accompanied by the registration fee payment will not be processed and the VLTD model will not be tested.</p> <p>11.3 Exemption from payment of Registration Fee is not allowed.</p> <p>11.4 The VLTD manufacturers have to upload the scanned copy of UTR (Unique Transaction Reference) Number of NEFT/IMPS/UPI transfer as proof of payment of registration fees for their VLTD Models with their EOI Application in the e-procurement portal.</p> <p>11.5 Non-submission/Non-receipt of registration fees within the stipulated last date and time will entail outright rejection of applications.</p>
12.	PERFORMANCE GUARANTEE
12.1	<p>Performance Guarantee:</p> <p>12.1.1 An irrevocable performance guarantee of Rs.25,00,000/- (Rupees Twenty Five lakhs only) shall be submitted by the VLTD manufacturer intending to be registered, as per the format given in Annexure - XI along with the application. The performance guarantee shall be in the form of a bank guarantee issued by any Indian nationalized / scheduled / state approved banks and shall remain valid for two years from the date of submission of EOI. If the manufacturer is not selected in the evaluation process, the performance bank guarantee shall be returned to the manufacturer.</p> <p>12.1.2 In addition, an irrevocable performance guarantee of Rs 5,00,000/- (Rupees Five lakhs only) for each Service and Support Centre in every zone must be submitted by either the Service & Support Centre or the VLTD manufacturer, using the format specified in Annexure -XII. This Guarantee will remain valid for a period of five years and must be renewed every five years thereafter.</p>

12.1.3 No interest shall be payable on the Performance Bank Guarantee.

12.2 Forfeiture of Performance Security:

12.2.1 Performance Security amount in full or part may be forfeited, including interest, if any, in the following cases:

- a) When any circular or direction of MoRTH / Transport Department, Tamil Nadu is breached by the VLTD manufacturer.
- b) If any violation of terms and conditions prescribed by Morth/Transport Department, Tamil Nadu
- c) When the manufacturer fails to comply with any applicable law.
- d) When the manufacturer fails to implement the project satisfactorily.
- e) When the manufacturer is involved in malpractices.
- f) If the manufacturer breaches any provision of code of integrity.

12.3 Notice of 14 days will be given to the Manufacturers/ Service & Support Centres to take corrective actions at their own cost to remedy the breach, before forfeiture of the Performance Bank Guarantee deposited.

13.	OPENING AND EVALUATION OF EOI APPLICATIONS
13.1	The EOIs received up to 3.00 PM on 22.10.2025 will be taken up for evaluation process by the Department.
13.2	The EOI Applications will be evaluated by the Committee of Department of Transport and Road Safety in terms of the qualification criteria. The Committee reserves the right to disqualify any of the EOI, in case the Committee is not satisfied with the documents furnished, including the past performances.
13.3	Any adverse/not satisfactory remarks on the performance of previous works will entail disqualification of the EOI.
13.4	The Department reserves the right not to proceed with the Evaluation Process at any time without notice or liability and to reject any or all EOI

Applications without assigning any reason.

- 13.5 The Department shall verify the credentials/ supporting documents, etc. submitted by the Manufacturer with the concerned departments/ agencies/ other state agencies and in case if any discrepancy is found, their EOI Application will be rejected.
- 13.6 The EOI proposals which are declared as qualified by the Committee will be informed.
- 13.7 Evaluation of Applications:
- 13.7.1 An application found complete in all respects shall be considered for processing and testing of VLT devices for compliance with specifications.
- 13.7.2 The Transport Department reserves the right to verify all statements, information and documents submitted by the Applicant. The Applicant may be asked to submit additional or supporting documents, if any clarification is required.
- 13.7.3 During the application evaluation process, if any information or document submitted by the manufacturer is found to be false or contains misleading information, such application would be liable for rejection and if that VLT device manufacturer has been registered, their registration would be cancelled. Further, blacklisting of the VLTD Manufacturer may be considered.
- 13.7.4 The decision of Transport Department regarding registration under this process will be final and no correspondence in this regard will be entertained.
- 13.7.5 For registration of VLTD manufacturers, the Transport Department will follow evaluation criteria mentioned in this document. Final selection will be based on evaluation and fulfilment of all conditions mentioned in this document.
- 13.7.6 Selected VLTD manufacturers' models will be published on website of the Transport Department.
- 13.7.7 The Transport Department may conduct site inspection and validate the facilities of registered VLTD manufacturer, State Level Service & Support Centres / call centre / Regional Service centres/ RFCs identified by manufacturers for distributing, fitting and servicing the VLT devices to customer vehicles.

14.	AGREEMENT
14.1	<p>The successfully empanelled agencies should execute an agreement as may be drawn up to suit the conditions on a non-judicial stamp paper of value, as prescribed in law and shall pay for all stamps and legal expenses incidental thereto. In the event of failure to execute the agreement, within the time prescribed, the SD amount remitted by the Manufacturer will be forfeited besides cancellation of the Tender.</p>
14.2	<p>If the agreement is not executed as per the agreed terms and conditions, Department of Transport and Road Safety will hold full authority to cancel the EOI or take any such action that will be deemed fit to the occasion at the risk and cost of the empanelled manufacturer. Such cancellation will entail forfeiture of Performance Guarantee.</p>
14.3	<p>In the event of non-performance of the contractual provisions and if the empanelled manufacturer has not fulfilled the contractual obligation with Department of Transport and Road Safety in any manner during the currency of the agreement or also found on later date, Department of Transport and Road Safety reserves the right to disqualify such Manufacturer to participate in future bids or blacklist the Manufacturer up to a maximum period of 3 years.</p>
15.	VLTD FITMENT WORK FLOW
15.1	<p>In case of retro-fitment in vehicles, the VLT device manufacturers or their RFCs shall install the VLT devices in public service vehicles and register the devices along with Unique Identification number and other details on VAHAN and the State Monitoring Center in real-time</p>
15.2	<p>The State shall enforce fitment/functional status of device at the time of registration/ permit issuance/renewal/fitness check of the vehicle in VAHAN or the respective state vehicle registration/ permit system and the State Monitoring Center.</p>
15.3	<p>After the type approval, NIC shall provide credentials for all the VLT Device manufacturer for uploading the Type approval data on VAHAN</p>
15.4	<p>VLT device manufacturers or their RFCs using its secured authenticated access will upload the following details of VLTD on VAHAN</p>

- VLTD Make & Model\
 - Unique Identification Number of VLTD
 - IMEI number
 - ICCID number
- 15.5 VLTD make and model will be validated against the type approved VLTD makes and models uploaded on VAHAN by the test agencies.
- 15.6 The VLT device manufacturers or their RFCs will ensure that the VLTD has an active cellular plan with minimum two years validity for any public service vehicle less than 8 years old and one-year validity for any public service vehicle older than 8 years
- 15.7 The VLT device manufacturers or their RFCs shall install the VLT devices in public service vehicles and register the devices along with details of vehicle on the corresponding State Monitoring Center in real-time
- 15.8 The VLT device manufacturers or their RFCs will enter the following details of the VLTD on State monitoring center-
- Model Code
 - M2M Service Provider details
 - Sim Details (Mobile Numbers, International Mobile Subscriber Identity(IMSII))
 - Vehicle Details (Vehicle Type, Make, Model)
 - Permit Holder Details (Name of Permit holder, number of Permit holder)
- 15.9 The CCC will establish connectivity with the VLTD and confirm that data is being received from the VLTD as per communication protocol as per AIS-140.
- 15.10 The CCC will check the Sim Validity (12 months) with M2M/Telecom service provider. If any fault is found in SIM, the same should be rectified by the Manufacturer within 72 hours.
- 15.11 The VLTD will send the status of health parameters at configurable interval as per the parameters specified in AIS-140 to the CCC.
- 15.12 The Device responds to activation command as per AIS-140 and the VLT device manufacturers updates the OTP sent to Permit holder at the time of installation/activation of VLTD.

- 15.13 The CCC will check the Panic Button functionality as per AIS-140 before activation of the VLT device
- 15.14 The CCC will upload activation details/health status of the VLTD in VAHAN/ State Registration Software.
- 15.15 Once activation details are received in VAHAN from State AIS-140 backend/Common layer, the VLTD fitment certificate from VAHAN can be downloaded by the VLT device manufacturers or their RFCs and registration/Fitness of Vehicle can be processed.
- 15.16 The specified public service vehicle owners have to ensure that the VLT devices installed in their vehicles, are in working condition and regularly send required data to the corresponding Monitoring Centre through cellular connectivity
- Note: The Backend should be tested by the testing agency referred to in rule 126 of the Central Motor Vehicles Rules, 1989 to check the compliance as per AIS-140.
- 15.17 Fitment of VLT device and Emergency Buttons in Vehicle

Position of VLT and Panic Buttons Physical mounting of VLT device and emergency buttons in vehicle should be as per section 5.3 of AIS 140 (provided in Appendix-C).

Position of panic buttons in different types of vehicles



Fig: Panic buttons positions in four seater vehicle



Fig: Position of panic buttons in six/seven seater vehicle

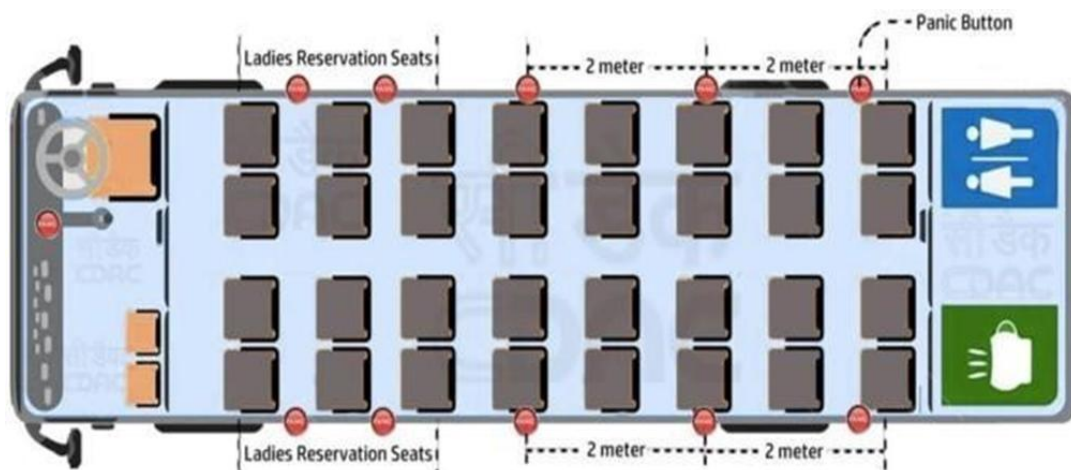


Fig: Position of panic buttons in bus

(a) Wiring of VLT and Panic buttons

VLT devices and panic buttons should be properly wired in the vehicle. Wires to panic buttons and hooter 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.

(b) 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

(c) Hooter	
<p>Hooter for emergency condition and over speed alert 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.</p> <p>Messages indicating the use of Panic button e.g.: Press in case of Emergency Only, Misuse will result in penalty, should be placed above each panic button.</p>	
16.	PENALTY
16.1	Failure to comply with the stipulated timeline for VLTD Installation will attract penalty for every incident as per the Service Level Agreement (SLA) presented in Annexure-IX.
16.2	Delays beyond that period will result in cancellation of the empanelment.
17.	TERMINATION OF EMPANELMENT
17.1	Department of Transport and Road Safety reserves the right to terminate the empanelment of successful agencies at any time during the validity period, on account of non-fulfilment of contractual obligations or for any of the reasons.
18.	DISPUTE RESOLUTION BOARD
18.1	A Dispute Resolution Board (DRB) shall be formed in order to resolve any dispute in the EOI, not exceeding a claim amount of Rs.10,00,000/- including interpretation, if any, on the clauses of the EOI or the agreement to be executed, that may arise during the currency of the contract. The members of the DRB shall be nominated by the Transport Department. If any party is not satisfied with the decision of the DRB, the issue shall be referred for Arbitration.

19.	ARBITRATION
19.1	<p>The dispute not dissolved by DRB of any claim below Rs.10,00,000/- shall be referred to Arbitration. In accordance with the Arbitration and Conciliation Act, 1996. A sole Arbitrator shall be appointed by filing necessary Application before the Hon'ble High Court of Madras. Both the Seat and Venue of the Arbitration proceeding is in Chennai. If the dispute between the parties are more than a claim amount of Rs.10,00,000/-, the concerned party shall approach the competent Civil Court in the city of Chennai.</p>
19.2	<p>The venue of the Arbitration shall be at the office of the Commissioner of Transport and Road Safety. The decision of the Arbitrator shall be final and binding on both the parties to the Arbitration.</p>
19.3	<p>The Arbitrator may with the mutual consent of the parties, extend the time for making the award. The award to be passed by the Arbitrator is enforceable in the Court at Chennai city only.</p>
20.	JURISDICTION OF THE COURT
20.1	<p>Any dispute where the claim is above Rs.10,00,000/- and all other disputes not covered under clause 19.1 shall be adjudicated before a competent Civil Court within the jurisdiction of Chennai, Tamil Nadu.</p> <p>We agree to the above terms and conditions.</p> <p>SIGNATURE OF THE MANUFACTURER:</p> <p>DATE:</p> <p>NAME IN BLOCK LETTERS:</p> <p>DESIGNATION:</p> <p>ADDRESS:</p>

ANNEXURE - I

COVERING APPLICATION FORM FOR REGISTRATION OF VEHICLE LOCATION TRACKING DEVICE (VLTD) FOR VEHICLES REGISTERED IN TAMIL NADU

Format for VLT Application Form

(On the official letter head of manufacturer)

Date: _____

To,

Commissioner of Transport and Road Safety, Guindy,
Chennai-32, Tamil Nadu.

Sub: Registration of VLTD for the Public Service Vehicles in Tamil Nadu Sir,

We have read carefully and fully understood the requirements of the process "Registration of Vehicle Location Tracking device (VLTD) for Vehicles registered in Tamil Nadu" and are submitting our registration application for the following VLT device(s) being manufactured by us together with the required details, other information as per the registration process and the compliance report for VLT specification and protocols.

VLT device model number(s) to be registered	
AIS140 certifying agency	
TAC & CoP Number & Date	
Manufactured at _____ (address of VLT production facility)	
Contact Person details (If different from undersigned) Name, Designation, Address, Mobile number, email id	
Details of all RFCs	
Details of Service & Support Centre and Call Centre	

In relation to our application, Transport Department, may also note the following:

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 registration process document and we shall make available any additional information as Transport Department 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 Transport Department to cancel the registration process at any time without incurring any liability to the registered Manufacturers.
4. We confirm that we are not blacklisted by any state government or central government/department/ agency in India from participating in bids.
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 the Service & Support Centres/RFCs for fitment & service of the certified VLT models of our products.

We enclose the following documents:

- 1) EOI conditions duly signed on each page and enclosed in token of accepting the Tender conditions
- 2) Scan copy of Bank Transfer for Rs. _____ (Rupees _____ only), vide UTR no. _____ towards Registration processing fees.
- 3) Scan copy of PBG no.dated for ₹..... towards Performance Guarantee for VLTD(s).
- 4) Scan copy of PBG no.dated for ₹..... towards Performance Guarantee for Service & Support Centre(s).
- 5) Authorization letter from the Manufacturer for the person to sign the EOI document.
- 6) Details of the VLTD Manufacturer (as per Annexure-III)
- 7) Copy of valid Type Approval Certificate for each VLTD & its test reports.
- 8) Copy of valid Conformity of Production (CoP) evidencing the production of VLT devices that exactly match the requirements in the Type Approval

Certificate.

- 9) Copy of valid ISO 9001:2015 Quality certification
- 10) Details of service and support centre as per Annexure-IV for each of the 12 Zones of Transport Department, Tamil Nadu.
- 11) Details of current RFC along with address, contact person, approvals etc. in all the 38 districts of Tamil Nadu.
- 12) Copy of relevant Approval Certificate(s) for M2M service from DoT
- 13) Photograph displaying model name and model number / part number as specified in the AIS 140 certificate on the VLT device
- 14) Declaration for not having blacklisted either by Department or by any other Govt. agencies (as per Annexure-VI)
- 15) Declaration for not having tampered the Tender documents downloaded from the website <https://tntenders.gov.in> (Annexure-VII)
- 16) Copy of certificate of incorporation/registration, Memorandum and Articles of Association, in case of Private / Public Limited Companies
- 17) Copy of LLP registration or registered partnership deed, in case of Partnership Firm
- 18) Copy of PAN Card issued by Income Tax Department
- 19) Copy of GST Registration certificate
- 20) Copy of Latest I.T return
- 21) Copies of Empanelment with Department
- 22) Notarized translated English version of the documents in a language other than English/Tamil, if any

* Original DD should reach the office of “The Commissioner of Transport and Road Safety, Guindy, Chennai - 600 032” before the due date and time of submission of EOI

Sincerely,

(Signature, name and designation of the authorised signatory)

(Contact no. including, phone no., fax, email and contact address)

LIST OF DOCUMENTS FOR SUBMISSION BY MANUFACTURER

List of Submissions

1. Details of the Manufacturer
 - (a) Name of the Company
 - (b) Place of Incorporation
 - (c) Date of Incorporation
 - (d) Address of Head Office/branch offices, if any
 - (e) Certificates of agencies, manufacturing facility
 - (f) Brief description of the Company including details of its mainlines of business.
 - (g) Details of production facilities (area, machinery, manpower, production capacity).
 - (h) Website details/URL
 - (i) 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 of the Manufacturer and VLTD with regard to criteria mentioned in this document.
 - (a) Certificate of Incorporation issued by the competent authority with copy of registration documents.
 - (b) AIS-140TAC, COP and other relevant certificates.
 - (c) Online payment/draft towards the Application fee.
 - (d) Statement of Compliance reports.
 - (e) Performance bank guarantee of Rs.25Lakhs
 - (f) Performance bank guarantee of RS 5 Lakhs for each level service & support centre (If service & support centre is already operational, then details of bank guarantee submitted by service & support centre)
 - (g) Details of RFC centres, service & support centres/call centre
 - (h) All affidavits & Self-Declarations as per this document

Two sample VLT devices with related documents (with device brochures; Do's and Don'ts; user manuals; documents explaining all the messages, fields and their values; other certifications for VLT devices standards compliance and eSIMs and their details)

ANNEXURE - III**DETAILS OF THE MANUFACTURER**

(FILL IN CAPITAL LETTERS)

S.No.	Particulars	Description/Details
A	Name of Manufacturer	
B	Contact Details	
	Registered Office Address	
	Telephone No.	
	Fax	
	Email	
	Website	
C	Incorporation Details	
	Incorporation Number	
	Date of Incorporation	
	Authority	
D	Name of Authorized Signatory	
	Position	
	Telephone	
	Fax	
	Mobile	
	Email	
E	Number & Address of Offices in 38 Districts	
	1) In Chennai	
	2) Other districts	

ANNEXURE-IV

LIST OF SERVICE AND SUPPORT CENTRES IN EACH ZONE

Sl. No.	Zone Office	Address of Service & Support Centre	Contact person(s), Telephone/ Mobile nos. and Email
I.	Chennai North		
II.	Chennai South		
III.	Villupuram		
IV.	Vellore		
V.	Salem		
VI.	Thanjavur		
VII.	Tiruchirapalli		
VIII.	Erode		
IX.	Coimbatore		
X.	Madurai		
XI.	Virudhunagar		
XII.	Tirunelveli		

ANNEXURE-V

LIST OF RETRO-FITMENT CENTRES IN EACH DISTRICT

S.No.	Name of District	Address and Contact Person's Name and Mobile No.
1.	1)	
2.	2)	
3.	3)	
4.	4)	
5.	5)	
6.	6)	
7.	7)	
8.	8)	
9.	9)	
10.	10)	
11.	11)	
12.	12)	
13.	13)	
14.	14)	
15.	15)	
16.	16)	
17.	17)	
18.	18)	
19.	19)	
20.	20)	
21.	21)	
22.	22)	
23.	23)	

S.No.	Name of District	Address and Contact Person's Name and Mobile No.
24.	24)	
25.	25)	
26.	26)	
27.	27)	
28.	28)	
29.	29)	
30.	30)	
31.	31)	
32.	32)	
33.	33)	
34.	34)	
35.	35)	
36.	36)	
37.	37)	
38.	38)	

ANNEXURE - VI

DECLARATION FOR NOT HAVING BLACKLISTED

Date: _____

We declare that M/s _____ / the firm / company or its proprietor / partners / shareholders have not been blacklisted as on the date of EOI submission by The Commissioner of Transport and Road Safety Department, or by any other Government Agencies in India.

**SIGNATURE OF THE MANUFACTURER
(with seal)**

DECLARATION FOR NOT HAVING TAMPERED TENDER DOCUMENT

Date: _____

- a) I/We _____ having our office at _____
_____do declare that I/We have carefully read all the conditions of EOI floated vide EOI ref.no. _____ for the Empanelment of manufacturers for VLT Devices as per the EOI conditions.
- b) I/We have downloaded the EOI document from the website <https://tntenders.gov.in> and I / We have not tampered / modified the EOI document in any manner. In case, if the same is found to be tampered / modified, I/ We understand that my/our EOI will be summarily rejected and full processing fees will be forfeited and I /We am/are liable to be banned from doing business with Department or prosecuted.

**SIGNATURE OF THE
MANUFACTURER
(with seal)**

CHECKLIST OF DOCUMENTS

Documents to be uploaded:

S.No.	Checklist	Uploaded (Yes/No)
1.	A covering letter on the letterhead addressed to The Commissioner of Transport and Road Safety Department (as per Annexure-I)	
2.	EOI conditions duly signed in each page and enclosed in token of accepting the Tender conditions	
3.	Authorization letter from the Manufacturer for the person to sign the EOI document	
4.	Scan copy of Bank Transfer for RS. _____ (Rupees _____ only), vide UTR no. _____ towards Registration Processing Fee.	
5.	Scan copy of PBG no.dated for ₹..... towards Performance Guarantee for VLTD(s).	
6.	Scan copy of PBG no.dated for ₹..... towards Performance Guarantee for Service & Support Centres.	
7.	Details of the VLT manufacturer (as per Annexure-III)	
8.	Copy of valid Type Approval Certificate for each VLTD & its test reports	
9.	Copy of valid Conformity of Production (CoP) evidencing the production of VLT devices that exactly match the requirements in the Type Approval Certificate	
10.	Copy of valid ISO 9001:2015 Quality certification	

S.No.	Checklist	Uploaded (Yes/No)
11.	Details of service and support centre as per Annexure-IV for each of the 12 Zones of Transport Department, Tamil Nadu	
12.	Details of current RFCs along with address, contact person, approvals etc. in all the 38 districts of Tamil Nadu.	
13.	Copy of relevant Approval Certificate(s) for M2M service from DoT	
14.	Photograph displaying model name and model number / part number as specified in the AIS 140 certificate on the VLT device	
15.	Declaration for not having blacklisted either by The Commissioner of Transport and Road Safety Department or by any other govt. agencies (as per Annexure-VI).	
16.	Declaration for not having tampered the Tender documents downloaded from the website https://tntenders.gov.in (as per Annexure-VII).	
17.	Copy of certificate of incorporation/registration, Memorandum and Articles of Association, in case of Private / Public Limited Companies	
18.	Copy of LLP registration or registered partnership deed, in case of Partnership Firm	
19.	Copy of PAN Card issued by Income Tax Department	
20.	Copy of GST Registration certificate	
21.	Copy of Latest I.T return	
22.	Copies of Empanelment with Department	
23.	Notarized translated English version of the documents in a language other than English/Tamil, if any	

SERVICE LEVEL AGREEMENT (SLA)

The Minimum service level to be adhere to by the Successfully Empanelled Manufacturers, and computation of penalty for non-performance in the event of non-adherence to such MSL shall be as follows:

S. No.	Service Parameter	Performance Level	Penalty	Breach Level (Beyond Performance Level)
Project Commencement				
1	Setting of RFCs in 91 RTO jurisdictions	Within 30 days from date of Letter of Empanelment	Rs. 50,000/-per 15 days per Fitment Centre delayed	Empanelment order may be withdrawn if RFCs are not set up within 60 days and BPG may be forfeited.
2	Furniture, manpower, internet, tools etc. at all the fitment centres to be ready and Commencement of the operations	Within 45 days from the date of Letter of Empanelment	Rs. 50,000/-per 15 days per Fitment Centre delayed	Empanelment order may be withdrawn if equipment is not ready within 60 days and BPG may be forfeited.
Operational				
3	Fitment on the day of appointment.	All the vehicles arriving on the date of appointment shall be affixed with VLTD, as applicable.	Rs. 3,000/-per vehicle in case of vehicle is not affixed with VLT, as applicable, on the appointment date for each default.	In case of more than 500 vehicles not being affixed on appointment date in a given calendar month across all the Fitment Centres, Transport Department reserves right to terminate the contract for non- compliance.

S. No.	Service Parameter	Performance Level	Penalty	Breach Level (Beyond Performance Level)
4	Computer System(s), Network, CCTV, Mobile / tablet / handheld device for mobile app and all related infrastructure for smooth functioning of fitment centre.	Fully Functional	Rs. 500 per day per Fitment Centre.	
5	Warranty issues reported with VLT Devices.		Free replacement to citizen + 100% of Rate per unit of the respective VLT Devices set as per commercial Bid, as penalty for such warranty issues reported	In case warranty claims exceeds 1% of total vehicles affixed with VLT Device at any point of time, and the same is accepted by the Empanelled Manufacturers or is verified by the RTO at any point of time throughout the contract and warranty period, the applicable penalty shall be deducted from the PBG (as applicable)
6	Ensure that Fitment Centres at any proposed / new RTO in the state of Tamil Nadu that may be opened during the tenure of contract	Within 15 days of notice by Transport Department for a new office if declared so by the Authority to facilitate process of VLT Device fixation	Penalty of Rs. 10,000 per month delay per location beyond 15 days from the date of intimation	Transport Department reserves right to terminate the contract beyond 30 days of non-compliance.

* The penalty shall be calculated monthly, during project commencement stages, and quarterly, during the operational stages. Notice for payment of penalty shall be intimated by Transport Department to the Empanelled Manufacturers. Transport may ask the Empanelled Manufacturers to pay

the penalty or deduct the same from the Performance Bank Guarantee.

In case of dispute regarding the imposition of penalty, the Empanelled Manufacturers shall refer the matter to Transport Commissioner, Tamil Nadu State for resolution thereof within four days of receipt of such notice. In case, the Empanelled Manufacturers fails to refer the matter as above within the specified time limits, it shall be presumed that the Empanelled Manufacturers agrees to the penalty as demanded.

In the event of deduction of penalty from the Performance Bank Guarantee, the Successful Manufacturer shall promptly recoup the Performance Guarantee by the amount so deducted within 7 working days from the date of intimation from the Transport Department or the date of invocation of the Performance Guarantee whichever is later. All the above-mentioned penalties will be exclusive to each other. The decision of Transport Commissioner in this matter shall be final and binding on both the parties.

The successful bidders shall adhere to the time schedule indicated in EOI notification for completion of the Project. He shall manufacture and keep necessary stock, personalize and affix VLT Devices within specified period from the date of signing of agreement. In case of delay in execution of the project, a penalty calculated as per SLA mentioned above shall be levied. The maximum penalty shall be capped to Rs. 50 lakhs. Once the maximum is reached, it shall be construed as material breach of contract and the DoT may consider termination of the contract and forfeiture of PBG.

CLARIFICATION ON EOI DOCUMENT

VLTD MANUFACTURER'S REQUEST FOR CLARIFICATION			
Name and Address of the Manufacturer submitting request		Name and Position of Person submitting request	Contact Details of the Manufacturer / Authorized Representative
			Tel:
			Fax:
			Email:
S. No.	Reference(s) (Section, Page)	Content of EOI requiring Clarification	Points of clarification required
1			
2			
3			

PERFORMANCE BANK GUARANTEE BY VLTD MANUFACTURER

On Rs.200 Non-Judicial Stamp Paper

This irrevocable guarantee is made on this _____ day of _____ 2025 by _____ (Name of Bank) and amongst other places, its branch office at _____ , _____ (Branch Address) PINCODE- _____ (hereinafter called "the Bank". Which expression shall unless repugnant to the context or meaning thereof shall include its successors and assigns).

Bank Guarantee No: _____ Dated: _____

Amount of Bank Guarantee: Rs.25,00,000/- (Rupees Twenty Five lakhs only)

Expiry Date: _____ (valid for two years)

To:

Commissioner for Transport & Road Safety,
Guindy
Chennai-600032

WHEREAS M/s _____ Pin code- _____ (hereinafter called "the VLTD Manufacturer") has undertaken, in pursuance of EOI Reference No. 8067/S3/VLTD/2020 dated 03.09.2025 for fitment of Vehicle Location Tracking Devices (VLTD) to Public Transport Vehicles in Tamil Nadu (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the VLTD Manufacturer shall furnish you with a Bank Guarantee by a scheduled commercial bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the

_____ (VLTD Manufacturer) such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of _____ (VLTD Manufacturer), up to a total of Rs.25,00,000/- (Rupees Twenty Five lakhs only), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of Rs.25,00,000/- (Rupees Twenty Five lakhs only), as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the VLTD Manufacturer before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and _____ (VLTD Manufacturer) shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This irrevocable guarantee shall be valid for two years from the date of submission of EOI by VLTD manufacturers.

NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN

1. Our liability under the BG shall not exceed Rs.25,00,000/-.
2. This BG shall be valid up to _____/2027.
3. We are liable to honour the BG only if we receive from you a written demand on or before the validity date i.e. _____/2027.
4. The Bank's liability on the BG will be discharged after the expiry of the validity date.

5. We undertake to make the payment on receipt of your notice of claim together with original BG on us addressed to _____(Bank name), issuing branch _____ (branch address) with claim intimation also to be sent through original BG on us addressed to mail to _____

6. This guarantee will be returned to us as soon as the purpose for which it is issued is fulfilled.

7. The BG Confirmation Letter No. _____ is an integral Part of the BG No. _____ Dated _____/2025.

Signature and seal of the Guarantor _____

Name of Bank _____

Address _____

Date _____

PERFORMANCE BANK GUARANTEE BY SERVICE AND SUPPORT CENTRE

On Rs.200 Non-Judicial Stamp Paper

This irrevocable guarantee is made on this _____ day of _____ 2025 by _____ (Name of Bank) and amongst other places, its branch office at _____, _____ (Branch Address) PINCODE- _____ (hereinafter called "the Bank". Which expression shall unless repugnant to the context or meaning thereof shall include its successors and assigns).

Bank Guarantee No: _____ Dated: _____

Amount of Bank Guarantee: Rs.5,00,000/- (Rupees Five lakhs only)

Expiry Date: _____ (valid for five years)

To:

Commissioner for Transport & Road Safety,
Guindy
Chennai-600032

WHEREAS M/s _____ Pin code- _____ (hereinafter called "Service and Support Centre") has undertaken, in pursuance of EOI Reference No. 8067/S3/VLTD/2020 dated 03.09.2025 for fitment of Vehicle Location Tracking Devices (VLTD) to Public Transport Vehicles in Tamil Nadu (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Service and Support Centre shall furnish you with a Bank Guarantee by an Indian Nationalised / scheduled / State approved bank for sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the _____
(Service and Support Centre) such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of _____ (Service and Support Centre), up to a total of Rs.5,00,000/- (Rupees Five lakhs only), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of Rs.5,00,000/- (Rupees Five lakhs only), as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Service and Support Centre before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and _____ (Service and Support Centre) shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This irrevocable guarantee shall be valid for five years from the date of submission of EOI by the Service and Support Centre.

NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN

1. Our liability under the BG shall not exceed Rs.5,00,000/-.
2. This BG shall be valid up to _____/2030.
3. We are liable to honour the BG only if we receive from you a written demand on or before the validity date i.e. _____/2030.
4. The Bank's liability on the BG will be discharged after the expiry of the validity date.

5. We undertake to make the payment on receipt of your notice of claim together with original BG on us addressed to _____ (Bank name), issuing branch _____ (branch address) with claim intimation also to be sent through mail to _____

6. This guarantee will be returned to us as soon as the purpose for which it is issued is fulfilled.

7. The BG Confirmation Letter No. _____ is an integral Part of the BG No. _____ Dated _____/2025.

Signature and seal of the Guarantor _____

Name of Bank _____

Address _____

Date _____

**REGULATORY COMPLIANCE REQUIREMENT FOR VLT DEVICES WITH
EMERGENCY BUTTONS**

The following guidelines/notifications may be referred to in respect to the requirement for VLT devices with Emergency Buttons:

1. MoRTH, Central Government Notifications dated:
 - a. 28.11.2016 (Mandatory VTL Device and Emergency Button in Public Service Vehicles),
 - b. 18.04.2018(Date Extension),
 - c. Approach for Installation of VLTD and Emergency Alert SO number 5453 dated 25.10.2018
 - d. National Permit Vehicle to be equipped with AIS140 VLTD dated 12.07.2018
 - e. G.S.R. 617(E). dated 3rd August 2022 regarding vehicle of categories N2 and N3 carrying dangerous or hazardous goods
2. AIS 140 Standard including Amendment-1 (December, 2017) & Amendment-2 (December, 2018)
3. Scheme for Implementation of “Development, Customization, Deployment and Management of State-wise vehicle tracking platform for Safety & Enforcement as per AIS 140 Specifications, in States / UTs under Nirbhaya Framework dated 15 January 2020.
4. In view of above, Government of Tamil Nadu as decided to implement an online system for tracking the movement of vehicles as per the requirements of Government of Tamil Nadu as ordered vide G.O. No.(D).No.292 Home (Transport-V) Department, dated.11.03.2025

About "AIS-140 standard based Vehicle Tracking & Monitoring System"

Department of Transport Tamil Nadu envisages to track the public transport vehicles in Tamil Nadu to continuous by monitor public transport vehicles for better passenger safety, road safety and better support for enforcement services.

The Ministry of Road Transport and Highways wide Notification GSR 1081(E), dated: 02.11.2018. Mandated the Vehicle Location Tracking System and Emergency Buttons (AIS 140 Specifications) to be implemented in the States/UTs.

Wide Letter R.No8067/VLTD/2020 Dated: 24.02.2021 and 14.12.2024, a proposal sent to Government with a request to issue orders to implement Command and Control Central for Vehicle Location Tracking System in the State through C-DAC.

Wide G.O,(D).No.292 Home (Transport-V) Department, dated.11.03.2025 has accorded approval to execute the said project by C-DAC. Accordingly a Government MoU, C-DAC the implementation of the scheme in the state of Tamil Nadu for a period of 2 years And the MoU has been signed on 02.04.2025.

TERMS AND CONDITIONS FOR REGISTRATION

1. Commercial arrangement of VLTs between Manufacturers and registered RFC/ Franchisees and Vehicle Owners - Any commercial or other arrangements/ agreements between the Manufacturer/ registered RFC/ service & support centre and the vehicle owners (customers) shall be as mutually agreed between them. 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 by and between the Manufacturer/ registered RFC and the vehicle owners. TRANSPORT DEPARTMENT, TAMIL NADU shall have no role, responsibility and liability in relation to the same.
2. **Response Time** - If any complaint is raised against the installed VLT device, then the concerned manufacturer/registered RFC/ service & support centre should resolve the complaint as per guidelines for implementation mentioned in the document.
3. **Monitoring and Audit**-Once the manufacturer/registered RFC/service & support centre is authorised/ approved, TRANSPORT DEPARTMENT, TAMIL NADU shall have the right to monitor/audit the certified VLT devices installed in the Vehicles 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 Registration** - If any fault is found or any complaint received from end user customers, then TRANSPORT DEPARTMENT, TAMIL NADU shall take actions against the manufacturer/ registered RFC/ service & support centre and have the right to suspend or cancel the registration/registration issued to that particular VLT model.
5. **Liability**- Manufacturer/ registered RFC/ service & support centre shall be liable and responsible for performance of the VLT devices supplied to the Vehicle owners.

6. **Jurisdiction** - Any issues related to registration 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 court in Chennai alone have jurisdiction to lay any matter relating to this registration.

7. **Dispute** - In case of any dispute related to technical (operational testing), the decision of TRANSPORT DEPARTMENT, TAMIL NADU shall be final and binding.

8. **Use of Trademark/ Logo of TRANSPORT DEPARTMENT, TAMIL NADU**- Manufacturer shall not use the TRANSPORT DEPARTMENT, TAMIL NADU logo or any other trademark, symbol, or icon on or in connection with the registered VLT Device 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, TAMIL NADU.

9. **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 registration shall be in writing and shall be delivered by hand/ registered post/ courier at the notified address of the party concerned.

DATASHEETFORVLTDMANUFACTURER

1.	Enlisting Ref. No.	
2.	Testing Fee	
3.	Call for Applications	Soft copy can be downloaded from the website of Commissionerate of Transport and Road Safety,
4.	Submission of application with AIS-140 standard certificates and test reports by VLT Manufacturers. Only AIS-140 - IRNSS certified VLT models will be considered.	Testing will be started as soon as the pre-qualification criterion is met and the applicant is ready with the product as per the requirements specified in the document.
5.	Address for submitting the documents	
6.	Email for communication and submission of soft copy	
7.	Enlisting Validity	The enlisted model(s) will be valid for a period of 1year, provided a valid COP is maintained for the model and proper after sales service & support is provided by the manufacturers and RFCs to the vehicle owners. Performance of the installed devices shall also be considered for renewal of the validity, Otherwise the enlistment will stand cancelled. After 1 year the model has to be re-submitted for validity Renewal & COP validation.

GENERAL CONDITIONS FOR APPLICATION SUBMISSION

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 requirement 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) Application for registration will be hosted in Transport Department, Tamil Nadu official website (Department website: <https://tnsta.gov.in/>) and can be downloaded and used for submission of application forms. Application fee shall be paid to Transport Department, Tamil Nadu along with the submission of application.
- (ii) Un-signed, un-sealed or incomplete application shall not be accepted.
- (iii) All pages of the application and documents being submitted must be signed and sequentially numbered by the Manufacturer.
- (iv) Ambiguous applications will be out-rightly rejected.
- (v) Applications not submitted as per the format will be rejected straight away.
- (vi) No deviations from the specifications will be accepted.
- (vii) The Manufacturers will bear all costs associated with the preparation and submission of their applications. Transport Department, Tamil Nadu will, in no case, be responsible or liable for those costs, regardless of the outcome of the registration process. The evaluation of Application for Registration would be carried out on a “first come first-serve basis” reckoned based on the order of receipt of the duly completed Applications in all respect. In case of incomplete Applications where Transport Department, Tamil Nadu

requires the applicants to submit any missing/ incomplete information/documents, the receipt of such clarification/ documents by Transport Department, Tamil Nadu shall be deemed to be the date of submission of the application. Transport Department, Tamil Nadu may, at its own discretion, can cancel the registration; extend the date for submission of applications or any clause of this document.

COMPLIANCE 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 evaluation by Transport Department, Tamil Nadu as mentioned below: -

Sl.No.	Specification	Validation Process	Confirmation (Yes/No)
1.	Device integration with State Backend application and State ERSS with all functionalities prescribed in AIS140 and MoRTH Guidelines	Device functionalities to be demonstrated by the Applicant at the time of submission	
2.	Demonstration of VLT device on test server configuration	Acknowledgement of test command given to device and display of Tracking message to backend system	
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 Alert Messages as per AIS-140, when the Panic button is pressed.	Demonstration of the alert message at back end system 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-140 Certification.	
6.	Alert on tampering and vehicle battery removal.	Demonstration by Applicant together with supporting document as under: AIS-140 Certification.	
7.	Device should meet all the features prescribed as per AIS- 140	Demonstration by Applicant	
8.	Location Accuracy Test as per AIS140 parameters	Demonstration by Applicant	
9.	Dynamic Location Accuracy Test as per AIS-140	Demonstration by Applicant	
10.	Data Frequencies indifferent modes	Demonstration by Applicant	
11.	Tilt Alert	Demonstration by Applicant	
12.	Panic Button fitment & functionalities	Demonstration by Applicant	
13.	SMS	Demonstration by Applicant	
14.	Geo fence	Demonstration by Applicant	
15.	Other parameters as per AIS140	Demonstration by Applicant	

16.	Over The Air(OTA) commands upgrade	Demonstration by Applicant	
17.	VLT devices model has to be tested for the functionality and compatibility with VLTD backend platform and ERSS of Tamil Nadu as per the evaluation criteria mentioned in this document	Demonstration by Applicant	
18.	<p>Approach and documentation for</p> <ul style="list-style-type: none"> • Support of VLTD devices and Up time • Technical approach/documentation to meet key AIS-140 parameters and MoRTH guidelines • Approach for device management / configurations • Service Support, Application & value adds; and Mechanism to meet Tamil Nadu Transport department's requirements 	Detailed documentation to be submitted by Applicant	
19.	Manufacture should meet all the conditions, technical and operational requirements mentioned in this document (Section 6.1, 6.2,6.3 & 6.4)	Demonstrations, Document verification& evaluation, Site visit	