HIMACHAL PRADESH STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED

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Corrigendum-I
(Tender No. HPSEDC/HRTC-VLTD/2K26-10314)

HPSEDC published e-tender for Selection of System Integrator for the Supply and Installation of AIS-140 Compliant Vehicle Location Tracking Devices for HRTC Buses, bearing tender No: HPSEDC/HRTC-VLTD/2K26-10314.

Based on the queries received from the bidders, the following changes/ modifications/ clarifications/ specifications in the tender Section(s)/ Clause(s) are incorporated in the tender document by issuing of Corrigendum.

The detailed response to the received Prebid queries is attached as **Annexure A.**

Last date for bid submission is extended till 20/04/2026 till 2:30 PM and same will be opened on 21/04/2026 at 2:30 PM.

Data Controller, HPSEDC

ANNEXURE-A

S.No	Page No	Section of the RFP	Point of Clarification required as per RFP	Clarification/ Revised Specification may be read as
1	9 & 45	2.1 Eligibility Criteria (S.No. 2)	2. (i) Tender Document Fee in favour of Managing Director, H.P. State Electronics Development Corporation, I.T. Bhawan, Mehli, Shimla-13. (ii) Earnest Money Deposit (EMD) in the shape of Demand Draft/ RTGS valid for 180 days in favour of Managing Director, H.P. State Electronics Development Corporation, I.T. Bhawan, Mehli, Shimla-13. Required details to be accompanying the bid document- (i) Demand Draft (DD) of Rs. 5,000/- (Rupees FiveThousand only) (ii) Earnest Money of Rs.6,00,000/- (Rupees Six Lakh only) Deposit (EMD) DD / EMD may be submitted through RTGS in HPSEDC A/c:(State bank of India, Khalini, Shimla-2 Account no. 55069383586 IFSC Code-SBIN 0051132) Receipt/Copy of the demand draft/RTGS should be uploaded.	**Clarification:** EMD is to be submitted in the form of DD/RTGS.
2	3&4; 31	SECTION-I INVITATION FOR E-BIDS & LIST OF IMPORTANT GENERAL CONDITIONS & 4.2.1 Comprehensive Warranty:	Note: The Press e-Tender Notice published in followingdaily Newspapers forinviting eTenders for Selection of System Integrator for the Supply and Installation of AIS-140 Complaint Vehicle Location Tracking Devices for HRTC Busesduring warranty period and post warranty period. In case there is any decrease/ increase in prices, HPSEDC may asked the bidders to submit revised quotes. The rates finalised in this tender will also be considered for General Rate Contract for these items and will be valid for one year. Thetender notice will be published in at least two daily news papers for wider publicity. 2) The rates, as discovered through this RFP, shall also be considered for Rate Contract, valid for one year. The terms and conditions of the Rate Contract shall be same as per this tender document. The Supplier shall provide Comprehensive OEM warranty (including labour and spares) for 36 calendar months.	**Clarification:** The units supplied will be maintained for three years.
3			We kindly request clarification on the requirement for procuring 4G devices. As 2G devices are still operational and stable across most parts of India and offer widespread network coverage. Further, The AIS-140 framework does not require high-speed data transmission. All essential data (location, panic alerts, speed, etc.) are efficiently handled by 2G. In this regard, 2G AIS-140 devices are a cost-effective, reliable, and compliant solution. We therefore request that 2G devices may also be considered.	**Clarification:** It is clarified that the requirement is as informed by the department. Hence, no change.

4	40	Section: Vehicle Location Tracking Device Specifications Digital Inputs	One dedicated to Ignition Input Four other Active High Digital inputs One Rising edge detector with active low input forEmergency button	**Revised clause:** Device should support Six (6) digital inputs, which can be utilized as follows: 1. Digital Input 1 o Used for Ignition ON/OFF status detection 2. Digital Input 2 o Used for Air Conditioning (AC) ON/OFF status reporting 3. Digital Input 3 o Used for Panic Button input (Emergency alert generation) 4. Digital Inputs 4, 5, and 6 These inputs can be configured for: o Door Open/Close status monitoring (up to 3 doors)
5	40	Section: Vehicle Location Tracking Device Specifications Analog	One Frequency Input for RPM reading / Optional with digitalinput 4 Four 12bit ADC channels read up to 28000 mV	**Revised clause:** The device should support two (2) analog inputs, which can be utilized as follows: 1. Analog Input 1 o Used for Engine Temperature Monitoring 2. Analog Input 2 o Used for Engine Idling Detection / Monitoring
6	40	Section: Vehicle Location Tracking Device Specifications CAN BUS Port	One CAN BUS (J1939 protocol) port	**Revised clause:** The device should be equipped with an OBD port. OBD Port is required to get CAN Data. Key CAN Parameters □ Fuel Consumption Data □ Gear Position Detection □ Engine RPM □ Error Codes (28+ fault/error codes) □ Urea (AdBlue) or Diesel Exhaust Fluid (DEF) Level Monitoring □ Odometer Distance Reading □ Vehicle Speed □ Coolant Temperature □ Headlight Status □ Air Filter Status □ Oil / Coolant Condition Monitoring

7	40	Section: Vehicle Location Tracking Device Specifications OBD Support	Yes	**Revised clause:** The device should be equipped with an OBD port. OBD Port is required to get CAN Data. Key CAN Parameters □ Fuel Consumption Data □ Gear Position Detection □ Engine RPM □ Error Codes (28+ fault/error codes) □ Urea (AdBlue) or Diesel Exhaust Fluid (DEF) Level Monitoring □ Odometer Distance Reading □ Vehicle Speed □ Coolant Temperature □ Headlight Status □ Air Filter Status □ Oil / Coolant Condition Monitoring
8	41	Section: Vehicle Location Tracking Device Specifications Hardware Reset Switch	Yes	**Clarification:** Hardware reset functionality is NOT required, as the device supports remote diagnostics.
9	41	Section: Vehicle Location Tracking Device Specifications Dimensions	Length: 100 mm Width: 92 mm Height: 33 mm	**Clarification:** The device shall be compact, automotive-grade, tamper-resistant, and installed in a concealed location as per AIS-140 guidelines. The device size should be in the range of: Approx. 80–120 mm (length) Approx. 50–100 mm (width) Approx. 20–40 mm (height)

10	41	Section: Vehicle Location Tracking Device Specifications Device Enclosure (Device Model Number and device ID engraved in the enclosure)	Image of a Device Enclosure which engraved with Model Number and device ID	**Clarification:** The AIS-140 compliant Vehicle Location Tracking Device (VLTD) shall have permanently engraved or tamper-proof labeling indicating the Device Unique ID, IMEI number, ICCID number, and Make/Model of the device. These identifiers shall remain clearly visible after installation for inspection and integration with VAHAN/state backend systems.
11	9	Pre- Qualification Eligibility Criteria for OEM	The annual turnover (in terms of sales of hardware of similar nature as that of items listed in the RFP in India) of the OEM whose equipment are sought to be supplied, should be Rs 20 Crores for the last 3 years, i.e., for year 2022-23, 2023-24 and 2024-25.	**Clarification:** The relevant exemptions related to MSMEs are already included in the published bid.
12		Additional queries	Kindly confirm the location within the buses where the GPS system will be installed. Additionally, please specify the number of buses that will be made available for installation per day, along with the total time allotted for installation, as the installation timeline will be directly dependent on the availability of buses.	**Clarification:** As per list attached at Annexure I
13		Additional queries	Kindly clarify who will procure and bear the cost of the SIM cards required for the GPS system. We request that the SIM cards be procured by the user department, as it is not feasible for the bidder to undertake such large-scale procurement in their name for another party. Moreover, after the 3-year warranty period, ownership transfers to the user department, and transferring ownership from one party to another can be operationally challenging.	**Clarification:** The cost of SIM cards would be borne by the system integrator/bidder.
14		Additional queries	Kindly confirm whether this is a one-time procurement or if it will be converted into a regular rate contract.	**Clarification:** It is clarified that this would initially be an procurement as per quantity specified in the bid document and subsequently it would be converted into an rate contract valid for one year from the date of award.

15		Additional queries	We request you to kindly revise the requirement for toll-free assistance from 24x7 to 16x7.	**Clarification:** Toll free assistance is kept 24x7 as the buses in which the devices are going to be placed can be opeartional at any point of the day.
16		Additional queries	It is not specified how many locations require software deployment. Additionally, kindly clarify who will provide the server infrastructure for hosting the software.	**Clarification:** The proposed Vehicle Location Tracking and Fleet Management Software shall provide depot-level operational control and head-office level monitoring with configurable dashboards, route scheduling, crew assignment, geo-fencing alerts, real-time vehicle tracking, API-based integration capability, role-based access control, and comprehensive MIS reporting as required by HRTC from time to time. The hosting of the software would be done at State Data Centre.
17		Additional queries	Kindly provide details of the seating capacity of the buses for which the AIS-140 compliant Vehicle Location Tracking Devices are to be installed.	**Clarification:** It is clarified that the seating capacity of a vehicle generally does NOT determine whether an AIS-140 compliant Vehicle Location Tracking Device (VLTD) must be installed. The requirement is based mainly on the vehicle category (public service / passenger transport / certain commercial vehicles) under the Motor Vehicles rules.
18		Additional queries	Kindly confirm the number of panic buttons required per bus and the total quantity of panic buttons required.	**Clarification:** Panic buttons shall be provided for the driver and in the passenger seating area at intervals not exceeding 2 meters on both sides of the bus, ensuring accessibility to all passengers, in accordance with AIS-140
19		Additional queries	Kindly provide the district-wise location details of the buses where installation is to be carried out.	**Clarification:** As per list attached at Annexure I
20		Additional queries	Kindly confirm whether the installation of the devices will be carried out at HRTC depots/workshops or if it needs to be done on-site at different bus locations.	**Clarifications:** As per list attached at Annexure I

21		Additional queries	UART RS232 -Do we need to provide the fuel sensor along with the VLTD Devices or just needto calibrate the device with the fuel sensors provided and installed by your company.	**Clarification:** UART RS232 (Fuel Sensor Integration): The device should be compatible for integration with fuel sensors, wherever required.
22		Additional queries	2)Dimensions - As per the different PCB size of all the manufacturers there is difference in the Dimensions of the device you asked for.	**Clarification:** Device Dimensions: Device dimensions may vary depending on the OEM design and PCB configuration.
23		Additional queries	LED`s - As a manufacturer we have only seen three LEDs in the device: Red, Green, and Blue.	**Clarification:** LEDs As per the tender requirements, all four LEDs must be provided, each indicating specific parameters as defined.
24		Additional queries	GeoFencing - Do you provide the Latitude and Logitude of the locations for which we have to do the Geofencing and for Route configuration and Route management.	**Clarification:** Geo-Fencing The department will share the required locations for geo-fencing. However, the supplier is responsible for capturing accurate latitude and longitude coordinates and implementing geofencing, route configuration, and route management accordingly.
25		Additional queries	IMPORTANT - Government approved Companies who have there devices approved to sell inHimachal Pradesh backhand CDAC are only eligible to do the bidding this is most important pointfor the fitness of the buses.	**Newly added clause:** Eligibility Criteria: Only AIS-140 certified devices and those approved by Himachal Pradesh backend CDAC are eligible to participate in the bidding process, as per the tender requirements.