

Supply & Maintenance of AVL (GPS) System for Ambulances (on Opex model)

Standard Terms and Conditions

Department of Supply Chain Management

State: Karnataka

Address for Communication and Venue of bid opening:

GVK Emergency Management and Research Institute S.T.D.C Housing Board Colony,
Basaveshwaranagar Entrance, Opp. To Govt. Unani Medical College, G.M.S.
Compound, Magadi Road, Bangalore-560 079.

NON TRANSFERABLE

This document contains contain General Terms and conditions, including desired and Mandatory features, qualification criterion, Commercial terms and conditions that are followed by GVKEMRI for supply of GPS/AVLT devices. However, the terms and conditions are not binding on GVKEMRI and liable for change without any notice.

Ref: Tender notification No: GVK-EMRI/KAR/TENDER/22/16-17

SECTION – 1
INVITATION FOR TENDER



BRIEF NOTE ON THE AVL/ REQUIREMENT

For and on behalf of Health and Family Welfare Department, Karnataka, GVK Emergency Management and Research Institute, Karnataka (GVK EMRI KARNATAKA Karnataka), floats this Tender for fixing the rate contract for GPS devices. The contract for the requirement pertaining to GVK EMRI KARNATAKA Karnataka will be entered into by GVK EMRI KARNATAKA Karnataka directly. per the Terms & Conditions of the Tender.

This tender is called for, for fixing the unit rate for providing GPS facility for a period of (Note: please mention the period of contract) years on rate contract basis. The tentative quantity for the rate contract period is expected to be around (Note: Please mention number of Units) units. The bidder will not have any right on the increase and decrease of the actual quantity and should execute the contract at the rates and terms and conditions irrespective of the actual quantity.

GVK Emergency Management and Research Institute, a pioneer in Emergency Management Services in India is a not - for - profit professional organization operating in the Public Private Partnership (PPP) mode. We operate over 10000 ambulances across 15 states & 2 Union Territories in India under 1-0-8 scheme.

[Tender Reference: GVK-EMRI/KAR/TENDER/22/16-17](#)

General brief about GVKEMRI 1-0-8(respective operations) operations:

GVKEMRI operates 1-0-8 ambulances through a call centre at head office in every state (currently 19 call centers are in operation in 17 states& 2 Union Territories). Victim in Emergency dials toll free 108 number and upon receipt of call, the call center employee dispatches the nearest available ambulance to the scene/location of emergency. The Emergency Medical Technician (EMT) provides pre hospital care to the victim at the scene followed by shifting of the emergency victim to nearest hospital. The ambulance is equipped with a variety of medical equipment, medical consumables and disposables to ensure the victim is stabilized (pre hospital care) by the time the ambulance reaches the hospital for further treatment. Once the patient is handed over to the hospital, the ambulance returns to its pre designated base location and is ready for attending next emergency.

Objectives of AVL/:

1. To track ambulance vehicle on real time basis to ensure visibility so as to Reduce reach time (nearest ambulance getting assigned and reaching scene through “shortest possible route”)
2. Proper Fleet maintenance (Schedule service alerts, Speed alerts etc)

Definition:

GPS tracking device with GPS and GSM/GPRS Modem which transmits the Latitude Longitude along with vehicle Identity and few other parameters at a designated frequency. This would have ports which capture the vehicle Parameters like Ignition (engine on/off status), GPS speed etc.

- a. Primary Manufacturer is defined as a person / Company having an own manufacturing unit that performs all the manufacturing and processing operations needed to produce AVL/ (GPS) in their appropriate forms, including processing,

- b. Loan License Manufacturers means Manufacturers engaged in manufacturing under 'Loan License' Loan License Manufacturers are not considered as Primary Manufacturers.
- c. Authorized Signatory means a Proprietor / Proprietaries, or a Managing partner or an whole-time employee, in executive cadre, in a Proprietorship Concern / Partnership Firm or a person who is working as Managing Director / Director Finance / Director Marketing / General Manager / Assistant General Manager / Manager / Company Secretary in the Bidder Company, who has authority to take decision on the spot with regard to all the aspects of the tender.
- d. **PURCHASER** for the purpose of placing the order, accepting / rejecting the goods, payments and sending samples, for testing includes GVK EMRI KARNATAKA while purchasing AVL (GPS)
- e. **BIDDER** means the Primary manufacturer / Importer/ distributors/dealers/traders participating in this tender.
- f. **CONTRACTOR** refers to the successful Bidder who has entered into an agreement with GVK EMRI KARNATAKA for the purpose of supplying **AVLT (GPS)** as mentioned in this tender.
- g. **Tender Inviting Authority for the purpose of this tender means GVK EMRI KARNATAKA, Bangalore.**

Bid Process:

- GVK EMRI KARNATAKA Karnataka calls for bids from all reputed Automatic Vehicle Location and Tracking (AVLT) systems solution-providers/Manufacturers/their Authorized dealers for supply, installation, Commissioning and maintenance of AVL devices in 1-0-8 ambulances across Karnataka.
- All the prospective vendors are request to kindly go through the "terms and conditions" of the "TENDER" document and submit their bids accordingly.
- The tender document is available in the website of GVK EMRI KARNATAKA (www.emri.in)
- Any non compliance of TENDER terms and conditions by the vendors shall automatically result in the forfeiture of EMD/PBG.
- Important dates and deadlines for the TENDER are as below:
- Request For Proposal (RFP) Schedule

1. RFP Reference No.	: GVK-EMRI/KAR/ TENDER/22/16-17. &21-10-2016
2. Date of Commencement of Download of RFP Document from eProcurement website	: From 21/10/2016 http://eproc.karnataka.gov.in
3. Date and Time of Pre-bid Meeting	: 04/11/2016 at 11:00 AM at the following venue:

		GVK Emergency Management & Research Institute S.T.D.C Housing Board Colony, Basaveshwaranagar Entrance, Opp. To Govt. Unani Medical College, G.M.S. Compound, Bangalore – 560079
4.	Last Date and Time for uploading Online Queries ¹ in eProcurement Portal	: 10/11/2016 up to 5:00 PM
5.	Last Date and Time for uploading of RFP Application in eProcurement portal	: 21/11/2016 up to 5:00 PM
6.	Date and Time of Online Opening of RFP Applications ²	: 22/11/2016
7.	Place of Opening of RFP Applications	: Online at e procurement portal
8.	Date and Time of Presentation by RFP Applicants	: Shall be Intimated
9.	Address for Communication	: GVK Emergency Management & Research Institute S.T.D.C Housing Board Colony, Basaveshwaranagar Entrance, Opp. To Govt. Unani Medical College, G.M.S. Compound, Bangalore – 560079 Bangalore – 560079 Phone: +91-80-23280161, Ext - 961 Fax: +91-80-23003951

Only Online Queries through e procurement portal will be accepted. Queries sent through letters, emails or any other mode will not be entertained.

1In the event of the specified date of opening of RFP being declared a holiday for the Employer, the RFP will be opened on the next working day at the same time.

- The bid documents are non-transferable.

Head, Supply Chain Management
For and on behalf of GVK Emergency Management and Research Institute

The RFP is open to all AVLT/GPS providers registered in India.



The Consultant will be selected under Least Cost Selection (LCS) procedures described in this RFP.

General terms & Conditions Eligibility criteria of the Vendor:

1. Eligibility Criteria

- a. Any Reputed Automatic Vehicle Location and Tracking (AVLT)/GPS systems solutions providers/Primary manufacturers /their authorized dealers are eligible to participate in the tender. Whoever participates in the tender will be solely responsible for the execution of the agreement entered into with GVK EMRI KARNATAKA
- b. The participating vendors must have cumulative average Annual Turnover of at least Rs 35 Lakhs for the years viz. 2014-15 and 2015-16 from activities related to GPS & AVLT mentioned in Annexure V.
- c. Only those vendors who can provide support in Karnataka, service network across Karnataka need to participate.
- d. Vendors/OEM manufactures should be operational since last 2 Years in AVLT business.
- e. **Proof to be uploaded in E procurement portal**
- f. Proof to be submitted at the time of preliminary bid evaluation on the presence of field service network or an undertaking needs to be given as per Annexure- attached.
- g. OEM's/Representatives of OEM's having installed at least 500+ devices up and running as on date within last one to two years of TENDER evaluation only need to participate. Purchase order copies released either on Manufacturer or their Authorized dealer to be submitted as proof.
- h. Experience in Govt projects /reputed organizations are preferable.
- i. Vendor who is already having services with GVK EMRI KARNATAKA will be given additional preference.
- j. Tender should not be submitted by the Firm which has been blacklisted by Tender Inviting Authority of GVK EMRI KARNATAKA due to quality failure or nonperformance of tender conditions should not participate in the tender during the currency of blacklisting.
- k. Tender should not be submitted for the product/Products for which the concern/ company has been blacklisted by GVK EMRI KARNATAKA during the currency of blacklisting.

2. Scope of delivery:

The delivery scope for the selected vendor would include the following:-

1. All supplied hardware to be installed on ambulances. Power outputs and location for fitting the device etc will be indicated by GVK EMRI KARNATAKA.
2. Server side configuration at GVK EMRI KARNATAKA.
3. Commissioning of the device and assisting GVK EMRI KARNATAKA team in getting the data from the ambulances onto the server
4. On field after sales support.
5. Data related to all features to be made available as per formats and as per time intervals given by GVKEMRI.

3. Service Terms:

1. The service provider should always keep 10% of buffer stocks ready to replace the faulty devices without loss of time.
2. Future software up gradation: Any up gradation in the software in the AVLTS supplied by the supplier/vendor must be provided free of cost during contract period.

4. Service Level Agreement/SLA:

1. After service support: All calls for support will have to be attended by the selected vendor within 6 hours of registering of the complaint by GVK EMRI KARNATAKA either through e-mail or fax.
2. Escalation Matrix: for attending the service related/any other issues needs to be provided by the vendor at the time of bid submission.
3. Resolution & Replacement of faulty devices: Reported issues would need to be resolved by the selected vendor ONSITE within 6 hours of registering of the complaint for 90% of locations and 12 hrs for balance 10% of remote locations. Resolution in this context means “replacement with a new device” or repair to the satisfaction of GVKEMRI, whichever is earlier.
4. Date and Timing of installation would be informed by GVKEMRI and vendor has to strictly adhere to the schedules as installation of devices in the ambulances has be done only when incidence of emergencies is relatively low (preferably during night time or early morning hours)
5. Evaluation Process:

a. Preliminary evaluation:

I' Please refer Preliminary evaluation process as per Annexure-

- II All vendors are requested to strictly submit the documents in sequence as per preliminary evaluation criteria.

b. Technical evaluation

- I. Please refer Technical evaluation process as per Annexure-
- II. GVK EMRI KARNATAKA Karnataka may at its sole discretion add/delete/revise any of features at any stage of tender evaluation due to internal reasons.
- III. All vendors who meet the preliminary criterion, and submit technical bids conforming to the technical evaluation criterion only will be shortlisted for commercial evaluation.
- IV. GVK EMRI KARNATAKA Karnataka shall consider the information furnished by vendor on technical requirements as sufficient and qualify the vendor for price bid opening. If, at any stage of pre-supply and post supply period, if it is found that any information furnished by the vendor is either false or hidden or fabricated, such vendor may be blacklisted by GVK EMRI KARNATAKA Karnataka and prohibited from participating in any of future tenders.
- V. In the process of Technical evaluation, the vendor need to install 10 devices in 10 ambulances and provide the web portal along with user ID and password. The device data should be pushed to respective server insisted by GVK EMRI. One device should be handed over to GVK EMRI for validation.

GVK EMRI will validate the devices for 10-15 days to qualify the vendors in process of technical evaluation. The technical evaluation includes technical specification, technical features and operational requirements as per Annexures . The vendors who will be qualified in technical evaluation are eligible for commercial evaluation

C. Commercial evaluation

- I. Please refer Commercial evaluation process as per Annexure-
- II. Commercial Bids of the vendors, who qualify in the Technical Bid Evaluation, will be opened in the presence of Vendors / representatives. L-2 and other qualified vendors will be contacted only if L-1 vendor fail in the delivery schedules, installation, maintenance and any other tender terms and conditions.
- III. Price bid will be opened for those bidders who have technically cleared the field testing. Price bid will be opened only after technical evaluation.

6. Pre bid meeting:

- I. Only two persons per company will be permitted for the pre bid meeting and *evaluation*.
- II. *All the vendors may* seek clarifications only from the procurement committee on any of the TENDER terms and conditions either before or at the time of pre-bid meeting.
- III. All clarifications have to be taken at the time of pre-bid meeting only. No enquiries/clarifications will be entertained at the time of TENDER opening.
- IV. All the minutes of the pre-bid will be documented and will become part of TENDER evaluation process. Decisions taken in the pre bid meeting shall supersede the relevant terms and conditions in the tender document.
- V. All the vendors are requested to restrict the queries only to their products and not get into discussions/ arguments with other vendors.

7. SUBMISSION OF BID- online through e procurement portal (<http://eproc.karnataka.gov.in>)

TENDER documents that do not provide complete information and documents sought for and that are submitted after the specified time will not be considered and will be summarily rejected. Vendors should quote their prices in the prescribed format given in this tender document.

8. TENDERS received in any other form will not be entertained and liable to be rejected.

9. Vendor should sign the “Declaration certificate” (as per Annexure-No.) in their company letter head stating that they have read and understood, all the Terms and Conditions stipulated for in the TENDER, and are willing to abide by these TENDER terms and conditions”, before submitting the TENDER document. TENDERS submitted without the Signed declaration certificate will be considered incomplete and will not be considered.

10. The Bid should be properly page numbered, signed on each and every page and should be complete in all aspects.

11. Place of inspection – All the evaluation and inspection will be done at the venue of TENDER opening i.e. GVK EMRI KARNATAKA Campus, Karnataka or at any other place that would be informed in advance to the vendors.

12. Responsibility for proper packaging:

- a. Where ever required the supplier shall be responsible for the items being sufficiently and properly packed, for transport by rail/road/sea/air/ or any combination of above, so as to ensure their being free from loss or damage on arrival at the destination.

- b. Marking of Packages, Packing: Each package delivered under the contract shall bear the following:-
- Name of the Supplier
 - PO Number
 - Consignee's name and address
 - Description and quantity of contents
 - Gross weight, Net weight,
 - Distinctive number or mark which is also to be shown, for the purpose of identification, on the suppliers packing list

13. Validity of Contract – will be not more than 12 months (1 Year) from the date of award of Tender. Extendable for further one year period at the same rates, terms and conditions based on performance review.

(a) The bids shall remain valid for 180 days from the last date for submission of bids prescribed by the purchaser. A bid valid for a shorter period shall be rejected by the purchaser as Non-Responsive.

(b) The method of selection is: **Least Cost Selection (LCS)**

14. Submission of bid documents: The bid documents should be submitted electronically through the e-procurement system (<https://eproc.karnataka.gov.in>). The bidders should use their user ID and Password to log into e-procurement system and use their digital signature certificates to sign and digitally encrypt their bids. Bid documents submitted through any other means like e-mail, paper documents etc. shall be summarily rejected.

SECTION-II
TERMS AND CONDITIONS

1. The Bidder shall upload the tender in the manner described here under: -
 - a. The bidder shall upload the bids only if he/she is agreeable to all the Terms and Conditions of this Tender, which include compliance to Description and Specifications of the Items mentioned therein.
 - b. The Bidder shall upload the bids through e-procurement system using his/her User ID and Digital Signature Certificate for submission of both Technical and Commercial Bids. Bidder shall upload each document in the relevant space earmarked in the e-procurement portal. Failure to do so may lead to the Bid being considered Non-Responsive.
 - c. AVL (GPS) requirement is listed with specific Code numbers and other details in **Annexure V**
 - d. **Conditional bids shall be rejected.** Irrespective of the terms and conditions the Bidder may have specified, only the terms and conditions specified in this tender shall be binding on the Bidder and the Tendering authority.
 - e. **Earnest Money Deposit**
 1. A bid will be evaluated only on confirmation of receipt of the payment (EMD) in the GOK's central pooling a/c held at ICICI Bank.
 2. EMD amount will have to be submitted by the bidder taking into account the following conditions:
 - a. EMD will be accepted only in the form of electronic cash at ICICI Bank.
 - b. EMD shall not be accepted in the form of Bank Guarantee.
 - c. The entire EMD amount for a particular tender has to be paid through a single transaction. Failure to do so shall result in automatic rejection of the bid.
 - d. Partial payment of EMD shall result in automatic rejection of the bid.
 - e. The EMD money received for all the tenders floated through the e-Procurement platform will be collected and maintained in a central pooling account at ICICI Bank until the tender process is completed.
 3. Refund of EMD.
 - a. The EMD money will be kept in the central pooling account until the tender is awarded to the successful bidder.
Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the bidders shall be refunded to the respective Bank A/cs of the bidder as registered in the e-Procurement system.

2. PRELIMINARY QUALIFICATION CRITERIA

A. Earnest Money Deposit/ Bid security

1. A bidder, submitting bids for any item/items listed in Annexure V shall pay an Earnest Money Deposit (EMD) amount of Rs.1, 00,000/- (Rs. One Lakh only) in the e-Procurement portal using any of the following payment modes:

1. Credit Card
2. Direct Debit
3. National Electronic Fund Transfer (NEFT)
4. Over the Counter (OTC)*

**OTC Designated Bank branches listed can be obtained through website <http://eproc.karnataka.gov.in> in contractors/bidders section where a bidder can make a payment.*

The bidder bid will be evaluated only on confirmation of receipt of the payment (EMD) in the GOK's central pooling a/c held at **ICICI Bank**.

B. Latest Sales Tax Clearance Certificate of the Commercial Tax Department for preceding 2 financial years and Tax cleared up to 31-03-2015,31.03.2016 i.e. for the years 2014-15,2015-16 and 2016-17 (As on July 31st 2016) issued by the authorities concerned as per **Annexure- I** or in a valid format.

C. Annual Turnover Statement for preceding three financial years 2014-15 and 2015-16i.e. year ending on 31-03-2015 and 31-03-2016 certified by Commercial Tax Officer / Chartered Accountant as per **Annexure-II**.

D. Copies of Balance Sheet, Profit and Loss Account & IT returns for preceding three financial years 2014-15 and 2015-16 i.e. year ending on 31-03-2015 and 31-03-2016 duly certified by a Chartered Accountant / Auditor.

E. Relevant manufacturing/trading licenses/VAT Registration/Service Tax Registration & PAN copy:
Primary manufacturers / distributors/dealers /traders can participate in the tender. Whoever participates in the tender will be solely responsible for the execution of the agreement entered into with GVK EMRI KARNATAKA.

F.Certificate of Incorporation in case of Private Limited / Public Limited .Registration with Commercial Tax department in case of Partnership / Proprietary firm Applicant should be an individual company(Consortiums or Joint Ventures are not allowed)

G. Non Conviction for any criminal or economic offences Declaration: Bidder should not have been convicted for any criminal or economic offences by any court of Law in India or abroad or blacklisted by State/central government departments/organization or any of GVK EMRI

H. Declaration Certificate: Duly signed by Authorized Signatory along with the seal as per Annexure –IV

I. Latest Purchase order copies: OEM's/Representatives of OEM's having installed at least **500+** devices up and running as on date within last one to Three years along with **Satisfactory Performance Certificate** / Letter from clients Annexure V.

Mandatory for the bidder to meet all the Technical qualification criteria mentioned above if the proposal does not meet one or more of the qualification criteria mentioned above the bid will be treated as non-responsive and further evaluation will not be carried out for the bid.

The bids that meet the qualification criteria will be further evaluated based on the following points system:

Sl.	Evaluation Criteria	Points
1.	Latest Sales Tax Clearance Certificate	10
2.	Annual Turnover Statement	10
3.	Copies of Balance Sheet, Profit and Loss Account & IT returns	10
4.	Relevant manufacturing/trading licenses/VAT Registration/Service Tax Registration & PAN Copy	10
5.	Certificate of Incorporation	10
6.	Non Conviction for any criminal or economic offences Declaration	5
7.	Declaration Certificate	5
8..	PO & Satisfactory Performance Certificate / Letter from clients	10
9.	Demonstration & Technical Presentation (Before The Department Evaluation Committee)&Performance of 10 Sample devices.	30
Total		100

General Conditions in respect of Technical Qualification Criteria:



1. In order to technically qualify a bidder should qualify against each of the technical qualification criteria. Failure to qualify in even one technical qualification criteria shall result in disqualification of the bid.
2. **The bidder should upload all the technical qualification documents compulsorily. Only those bidders who upload all the technical documents will be allowed for the demonstration & Technical Presentation. The minimum technical score required to pass is:90 points for financial bid opening.**
3. The Purchaser reserves the right to seek clarification and/or any additional information including documents during the evaluation provided they were existing prior to bid submission, i.e., of historical nature.
4. Only Documents / Certificates uploaded to e procurement portal shall be considered for the purpose of technical evaluation of a bid. In case a bidder fails to upload a document, that document shall not be considered for evaluation. However, without prejudice to the above, the tendering authority reserves the right to seek clarifications on uploaded documents by way of additional documents.
5. All Documents / certificates should be relevant to the manufacturing unit from where actually manufactured and supplied, failing which such documents shall not be considered.
6. The Documents uploaded should be clearly legible, failing which such documents may not be considered.
7. The documents uploaded in general documents should be named individually.
8. The originals of all the documents uploaded under Technical Bid should be produced for verification within 5 (FIVE) days after the opening of the Technical Bid.

3. B. FINANCIAL/COMMERCIAL BID SHALL CONTAIN THE DOCUMENTS LISTED HEREUNDER:

B.1 (i) PRICE SCHEDULE

- a) Price Schedule format shall be furnished in the e-procurement platform.

The rate quoted per unit for landed/basic price shall be inclusive of Installation, Excise duty, packing forwarding charges, freight, Insurance, customs duty and local sales tax/VAT etc.,

- b) The rate quoted in the e-procurement platform format should be for the unit. The Bidders are

strictly prohibited to change / alter specification or unit size given in the e-procurement platform format otherwise the rates offered will not be considered.

- c) The Bidders are required to furnish the break up details of **landed price as per the e-procurement platform format. The landed price which shall include all the above components shall be the criteria for evaluation of price bid / financial bid under e procurement of this tender.**

B.2 Both the Technical Bid & Commercial Bid for supply & Maintenances of AVL (GPS) shall have to be uploaded under appropriate headings.

- a) In the event of any discrepancy with respect to the rates quoted the Purchaser reserves the right to accept the lowest rate.

B.3 In an event of failure of L-1 vendor in fulfilling any of tender terms and conditions, first opportunity to supply will be given to L-2 vendor, subject to L-2 vendor accepting L-1 price. If L-2 vendor refuses, opportunity will be given to L-3 vendor and so on.

- a) In an event of failure of L-1 vendor in fulfilling any of tender terms and conditions and all the qualified vendors (L-2 onwards) refusing to match L-1 price, GVKEMRI may at its sole discretion either scrap the tender and float a fresh tender or negotiate with L-2 to arrive at mutually acceptable price, which would be considered as new L-1 price. This process will be continued as long as the procurement cost is within the budgets allocated.

4. General Conditions

- 1. The language of the Tender shall be English.** In case, the original documents are issued in vernacular, the translation certified by the authority signing the original / by a notary should be uploaded along with the original.
- 2.** The Tender Inviting authority, at his discretion, may extend the deadline for submission of Tenders, in which case, all rights and obligations of the Tendering authority and the tenders subjected to the previous deadline, will thereafter be subject to such extended deadline.
- 3.** The Tender Accepting authority reserves the right to cancel the tender at any point of time without Assigning any reasons.
- 4.** Technical Bids will be opened online on 22-11-2016 at 11.00 a.m.

**GVK Emergency Management & Research Institute
S.T.D.C Housing Board Colony, Basaveshwaranagar Entrance,
Opp. To Govt. Unani Medical College, G.M.S. Compound,
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Ph: 080-23280161, Fax: 080-23003951**

- 5. Commercial Bids** of only technically qualified companies, on the basis of the details furnished by the

bidder in Technical Bids under terms and conditions for Technical bid (Section II), will be opened.

6. The bidder shall bear all costs associated with the preparation and submission of his tender and the Tender inviting authority / Purchaser will in no case be responsible or liable for these costs, regardless of the conduct or out-come of the tendering process.
7. As the bid documents are digitally signed by the bidder while submitting through e-Procurement portal, it is understood that the bidder had signed all the documents including the tender documents within the meaning of digital signature under IT Act 2001.

8. PRESENTATION BY RFP APPLICANTS

- a) The bidder should provide a technical demonstration on the service offered and features requested by the purchaser before department evaluation committee. Date and time will be notified to the applicants.
- b) In the process of Technical evaluation, the vendor needs to install 10 devices in 10 ambulances and provide the web portal along with user ID and password. The device Data should be pushed to respective server insisted by GVK EMRI KARNATAKA. One device should be handed over to GVK EMRI KARNATAKA for validation.
- c) GVK EMRI KARNATAKA will validate the devices for 10-15 days to qualify the vendors in process of technical evaluation.

9. QUOTATIONS&NEGOTITATIONS

Tenders have been invited for the AVL T (GPS) services .The bidder should quote the rates for the same. The technical specification of the product should be as per details given in **Annexure V**.

- I. The quoted Rate for an item shall be inclusive of excise duty, packing & forwarding, transportation, insurance and any incidental charges and Sales Tax/VAT payable, if any, This price shall be the criteria for evaluation of price bid / financial bid as B.1 above. Tender for the supply of AVL T(GPS) services, with conditions like “at CURRENT MARKET RATE”, “SUBJECT TO AVAILABILITY”,
- II. The price offered in the TENDER should be inclusive of all costs and taxes for delivery and installation of AVL T s at all Ambulances’ locations in all districts.
- III. Costs and tax components should be shown separately in the TENDER.
- IV. The price quoted shall remain “FIRM” for the entire validity period and without any escalation whatsoever.

Negotiations:

- I. Negotiations will be held at the GVK EMRI KARNATAKA office Bangalore. The aim is to reach agreement on all points and sign a contract.

- II. Negotiations will include a discussion of the Technical Proposal, the proposed methodology (work plan), made by the firm to improve the Terms of Reference. The Client and Consultant will then work out final Terms of Reference, The agreed work plan and final Terms of Reference will then be incorporated in the “Description of Services” and form part of the contract. Special attention will be paid to getting the most the Consultant can offer within the available budget and to clearly defining the inputs required from the Client to ensure satisfactory implementation of the Assignment.
- III. GVKEMRI may at its sole discretion may negotiate with the L-1 vendor to further reduce the prices; in case it is felt that L-1 prices are more than prevalent market prices or any other reason in the interest of respective state Governments.
- IV. The negotiations will conclude with a review of the draft form of the contract. To complete negotiations the Client will initial the agreed contract. If negotiations fail, the Client will invite the firm who has quoted the second lowest price for negotiations. The process will be repeated till an agreed contract is concluded.
- V. The deliveries should be made as stipulated in the purchase order placed with successful Bidders.
- VI. No Bidder shall be allowed at any time on any ground whatsoever to claim revision of or modification in the rates quoted by him. Clerical error, typographical error, etc., committed by the Bidders in the tender forms shall not be considered after opening of the tenders.
- VII. Successful vendor responsible for, installation , commissioning and maintenance of AVL T devices.

10. Performance Bank Guarantee and Contract

a) The Bidder whose offer is accepted as L-I, L-II and L-III preferred tenders, on being informed, shall execute a Contract Agreement on Karnataka Government Stamp Paper (in duplicate) of the value of Rs. 100-00 (Rupees Hundred Only - cost to be borne by the bidder) as provided by Article 5 of the Schedule of Karnataka Stamp Act. A copy of the contract agreement will be given to the Bidder. The Specimen copy of agreement will be available in GVK EMRI KARNATAKA Karnataka office. In case L-I default in executing a Contract agreement within 15 days of acceptance of his tender his status as L-I is liable to stand cancelled and L-II tenderer will be invited to enter into the contract agreement consequently EMD / SD of the L-I awardee is liable to be forfeited to GVK EMRI KARNATAKA and the company may be blacklisted.

b) The Successful Bidder whose offer is accepted as lowest shall be required to pay submit Performance Bank Guarantee value equivalent to 5% of the total order value valid for a period of one year and to be extended based on GVK EMRI KARNATAKA requirement. PBG has to be submitted at the time of release of Purchase orders.

11. Price

- I. The price offered in the TENDER should be inclusive of all costs taxes for delivery and Installation of AVLTS at all Ambulances' locations in all districts.
- II. All costs and tax components should be shown separately in the TENDER. However, in case there is a change in Govt. levies e.g. taxes, etc, the consequential increase in cost will be considered for reimbursement subject to submission of adequate evidence for the same.
- III. The price quoted shall remain "FIRM" for the entire validity period and without any escalation whatsoever.
- IV. GVKEMRI may at its sole discretion may negotiate with the L-1 vendor to further reduce the prices; in case it is felt that L-1 prices are more than prevalent market prices or any other reason in the interest of respective state Governments.

Note: This clause is already cover at Page No. 10

12. Deployment procedure:

Successful vendor responsible for, installation, commissioning and maintenance of AVLTS/GPS devices.

13 . Quantity Allocation:

- I. In an event of L-1 vendor unable to meet delivery deadlines due to any reason, GVKEMRI at its sole discretion may negotiate with any/all of qualified vendors to match L-1 price and may split the order among all the qualified vendors at any specified ratio and accordingly release purchase orders depending on the time constraints.
- II. All vendors have to undergo Prototype evaluation process before release of purchase orders.
- III. Total approx quantity is 741 devices
- IV. All the quantity requirements shown here in are tentative and release of Purchase order by state is subject to receipt of confirmation and funds from respective state Government.
- V. If more than one vendor has quoted exactly the same price in their bids, and if it has become the Lowest Bid (L1), the decision of the GVK EMRI KARNATAKA is final to either allocate the schedule quantity between the L1 vendors or scrap the TENDER and go for re-TENDER.
- VI. During the period of the contract, if the price of any item is reduced due to any reason including any Law or Act of the Central/State Government, the vendor shall be statutorily bound to intimate the reduced rates immediately to GVK EMRI KARNATAKA and shall charge the reduced rates. GVK EMRI KARNATAKA is empowered to unilaterally effect such reduction as is necessary in rates, in case

the vendor fails to notify or fail to agree to such reduction of rates. In case of sole vendor for any schedule, GVK-EMRI can either compare the quotes by the sole vendor with market prices and may negotiate further or scrap the TENDER and go for re-TENDER.

VII. In addition to above, in the interest of respective State Governments, GVKEMRI at its sole discretion may request technically qualified vendors (other than L-1) to match L-1 price and distribute the quantity.

14. Ethics

Any attempt by a Vendor to obtain confidential information, enter into unlawful agreements with competitors or influence the committee or the Contracting Authority during the process of examining, clarifying, evaluating and comparing TENDERS shall make the TENDER submitted by those Vendors liable for rejection/disqualification.

15. TENDER EVALUATION

a. The tender evaluation of Technical and Commercial/ Financial bid (Cover – A & B) shall be done as per the provisions of Karnataka Transparency in Public Procurement Act 2000 in the order of preference as under:

- First Preference - L-I
- Second Preference - L-II
- Third Preference - L-III

b. The competent authority of GVK EMRI KARNATAKA will take a decision in consideration of the prevailing policy of the Government and the tender conditions, to award the status for each Tenderer with respect to each item as under: -

First Preference	Second Preference	Third Preference
L-I	L-II	L-III

c. GVK EMRI KARNATAKA shall call upon the successful bidder through an Intimation of Award of Contract, informing him of acceptance of his bid for the item/items and to execute the agreement and furnish the Security deposit within the stipulated period.

d. GVK EMRI KARNATAKA will issue the list of successful bidders after getting the agreements and the Security Deposit from the successful bidders.

e. If the L-I contractor fails to execute the purchase order, the purchaser shall opt for L-II and L-III and in the open market in the order of priority and the difference of cost if any will be

16. ORDERS AND DELIVERY SCHEDULES

- i. The Purchaser does not guarantee the quantity, which will be ordered. The quantity mentioned is only the tentative requirement and may increase or decrease as per the actual requirement. No claims shall lie against the GVK EMRI KARNATAKA, Bangalore in this regard. The rates quoted should not vary with the quantum of the order or the destination.
- ii. The Purchaser reserves the right to order for only such quantity as may be necessary and the Contractor is bound to supply the ordered quantity only. Quantities supplied in excess will not be paid.
- iii. Supplies are to be made as per the Purchase Order (PO), delivery schedule and timings given by the purchaser; consignment should be delivered to the GVK EMRI KARNATAKA Warehouse in item wise and batch wise.
- iv. The successful vendor has to supply, install and commission the AVLTs as per delivery schedules given
- v. Delivery& installation of devices: within 45 days from the date of PO release and acknowledgment
- vi. The packing shall be in accordance with the General Specifications and Individual Specifications shown against the item in **Annexure V**.

17 Trademarks:

a. Supplier shall not, without prior written consent of GVK EMRI KARNATAKA use the trademarks or service marks or sales marks of GVK EMRI KARNATAKA in any manner whatsoever, unless, and then only to the extent, such use is authorized by GVK EMRI KARNATAKA in writing and then only in accordance with GVK EMRI KARNATAKA's directions or specifications.

18 Intellectual Property, Proprietary Knowledge and Confidential information

excluding the information in the Public Domain:

a. Supplier acknowledges that in connection with this Agreement, GVK EMRI KARNATAKA may disclose to Supplier, or Supplier may otherwise obtain or develop knowledge of certain confidential and proprietary information of GVK EMRI KARNATAKA, including, but not limited to, trade secrets, intellectual property, future business plans and services, financial, sales, Supplier, customer, employee, investor, or other business information related to the business and activities of GVK EMRI KARNATAKA.

b. All such information is hereby designated by GVK EMRI KARNATAKA to be Confidential and Proprietary Information. Supplier acknowledges and agrees that Confidential and Proprietary Information shall not be

disclosed by Supplier or any of Supplier's employees, representatives, agents or contractor's without the express written permission of GVK EMRI KARNATAKA. Notwithstanding the foregoing, Supplier, during the term of this Agreement, and in order to carry out its obligations under this Agreement may disclose Confidential and Proprietary Information to its EMPLOYEES solely for the purpose of performing its obligations under this Agreement, and only on a "need to know" basis. Supplier agrees that all of its employees receiving any Confidential and Proprietary Information shall enter into a separate written confidentiality agreement with Supplier that ensures the employee will comply with the confidentiality provisions of this Agreement. A copy of each such confidentiality agreement shall be provided to GVK EMRI KARNATAKA.

c. All Confidential and Proprietary Information shall remain confidential until GVK EMRI KARNATAKA designates it as non-confidential or until the information becomes public through no fault of the Supplier.

d. Supplier shall not be liable for the disclosure of Confidential and Proprietary Information if made in response to a valid order of a court or authorized agency of government; provided that fifteen (15) days notice first be given to the GVK EMRI KARNATAKA so a protective order, if appropriate, may be sought by GVK EMRI KARNATAKA.

e. Supplier agrees that in the event Supplier or any of its employees, contractors, representatives, or agents breach the provisions of this Article, such breach or threatened breach would cause irreparable harm to GVK EMRI KARNATAKA, and in such instance, GVK EMRI KARNATAKA shall be entitled to injunctive and other equitable relief to prevent such breach or to remedy any actual breach.

19 Miscellaneous:

a. The parties to this Agreement are independent contractors. Nothing contained herein shall constitute this arrangement to be employment, a joint venture, a partnership, a franchise or an agency between the parties. Neither party has the authority to bind the other or to incur any obligation on its behalf.

b. No waiver by either party of any default shall be deemed as a waiver of prior or subsequent default of the same or other provisions of this Agreement.

c. If any term, clause or provision hereof is held invalid or unenforceable by a court of competent jurisdiction, such invalidity or unenforceability shall not affect the validity or operation of any other term, clause or provision, and such invalid or unenforceable term, clause or provision shall be deemed to be severed from the Agreement.

d. This Agreement constitutes the entire understanding of the parties, and revokes and supersedes all prior agreements between the parties, and is intended as a final expression of their agreement. It shall not be modified or amended except in writing signed by the parties hereto and specifically referring to this Agreement.

e. Vendors or employees of vendor cannot claim or construed as employees of GVK EMRI KARNATAKA.

20 Liability of GVKEMRI:

It is expressly understood and agreed by, between the SUPPLIER and the GVK EMRI KARNATAKA that the GVK EMRI KARNATAKA is entering into this Agreement solely on behalf of respective State Government. In particular, it is expressly understood and agreed that the though respective State Governments / Government

of India are not a party to this Agreement and have no liabilities, obligations or rights hereunder, any delay in the release of vendor payments, for the supplies made under this TENDER, solely depend on timely receipt of funds for the same



from the respective state governments. The SUPPLIER expressly agrees, acknowledges and understands that the GVK EMRI KARNATAKA is not responsible for any delays in the release of funds from respective state governments for what so ever reason it may be and shall not hold GVKEMRI responsible for delayed payments and GVKEMRI shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the contract. Accordingly, the SUPPLIER hereby, expressly waives, releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the GVKEMRI arising out of this Agreement and not to sue GVKEMRI for any reason, as to any manner, claim, cause of action or thing whatsoever arising of or under this Agreement

21 Compliance of the laws of the land:

Supplier shall comply with all state and local laws and regulations regarding the Product manufacture and production, shall obtain all necessary licensing for the operation of its business and the production and manufacture of the Product, and shall further comply with all quality control standards promulgated by GVK EMRI KARNATAKA from time to time

22 Documentation requirements:

Supplier has to send the following documents.

- a. Invoice in original along with one additional copy, both duly signed and stamped by supplier
- b. A copy of Purchase order raised by GVK EMRI KARNATAKA

23 Product Withdrawals:

a. If it is deemed necessary at any time by either GVK EMRI KARNATAKA or Supplier or any local, state ,or central governmental agency or other authority to recall or withdraw the Product produced by Supplier and being supplied to GVK EMRI KARNATAKA, either as a result of failure of the Product or Supplier to strictly comply with GVK EMRI KARNATAKA's quality standards or any governmental health rule or regulation, or shall fail to comply with any other governmental authority or agency having jurisdiction, supplier shall bear all costs and expenses incurred by it and/or in complying with the recall or withdrawal procedures, unless (and only then to the extent) such recall or withdrawal is solely the result of then negligence or misuse by GVK EMRI KARNATAKA.

b. If Supplier fails or refuses to promptly comply with the recall or withdrawal of the product upon request by the GVK EMRI KARNATAKA or any federal, state or local authority, GVK EMRI KARNATAKA shall take such action as it deems necessary to recall or withdraw the product from field(Ambulances in the field) and Supplier shall immediately reimburse for the costs and expenses incurred.

24 Re-Allocation/Cancellation of Tender:

In case of failure on the part of the successful vendor to supply, install and commission the AVLTS within the stipulated date mentioned in the purchase order, GVK-EMRI at its sole discretion may cancel the purchase order in full, or part, and re-allot the same to next lowest vendor who otherwise fulfills all conditions or may go for retendering Each Delivery Schedule of Requirement incorporate in the TENDER enquiry document will

be ordered from Lowest Responsive Vendor (L1). However, upon having evidence to prove that L-1 vendor cannot supply full quantity or any other reason in the interest of respective state Governments, GVK-EMRI at its own discretion may either go ahead and negotiate with L2 or other vendors on any of terms and conditions or may even scrap the TENDER for full or partial quantity and may like to go for retendering.

25 Penalties:

a. The penalty for late delivery & installation will be imposed at the rate of 0.5 per cent of the value of contract per week for maximum of 6 weeks after which no delivery will be accepted and the Performance Bank Guarantee will be forfeited.

b. Late delivery shall mean any day beyond “firm” delivery date.

c. Any violation of service support will automatically result in forfeiture of EMD/PBG.

26. Risk Resolution:

If the Supplier fails to deliver & install the items either in full or in part, within the prescribed delivery period, the GVK EMRI KARNATAKA shall be entitled at his option to take alternate action, at the risk & cost of the supplier for the unsupplied portion of the goods / items without canceling the contract in respect of the items not yet due for delivery, or to cancel the contract based on progress of work, including items not due for delivery, and,

if thought fit/necessary, to purchase the items at the risk and cost of the Supplier. The price differential in case of higher cost to Purchaser, if any, shall have to be borne by the defaulting supplier. Moreover, the defaulting supplier shall have no claim over the quantity, which they failed to supply.

27. Payment Terms:

- a) 30 days credit from date of submission of monthly original invoice against delivery, installation, inspection, commissioning, acceptance
- b) The vendor should submit the bills/invoices and order copy with satisfactory inspection report of the designated Technical Committee duly signed and accepted should be submitted at GVK EMRI KARNATAKA Office in original. Three copies of each document should be made and one copy handed over to the authority at delivery site.
- c) No claims shall lie against GVK EMRI KARNATAKA Bangalore in respect of Interest on Earnest Money Deposit or on security Deposit

28. FRAUD & CORRUPTION

The vendors, suppliers & contractors shall observe the highest standard of ethics during bidding and during performance of the contract. For the purpose of this provision, the following acts shall be considered as corrupt and / or fraudulent practices-

- a) "Corrupt Practices" means offering, giving, receiving, or soliciting directly or indirectly, of anything of value to influence the action of an official in the procurement process or in contract execution.
- b) "Fraudulent Practice" means misrepresentation or omission of facts in order to execution of contract.
- c) "Collusive practice" means a scheme or arrangement between two or more vendors, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive level.
- d) "Coercive Practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process or in execution of a contract.

During the process of evaluation of a bid or proposal of a award of a contract, if it is detected that a vendor directly or through agent has engaged in corrupt, fraudulent, collusive or coercive practice in competing for the contract in question, then a) the bid shall be rejected and b) declare the firm ineligible for a specific period or indefinitely to participate in a bidding process.

29. Jurisdiction:

All disputes arising out of or in connection with this TENDER shall be referred to law Courts within jurisdiction of respective state capitals only.

30. Ownership of Tenders:

All designs, drawings, specification sheets etc submitted remain property of GVK-EMRI.

31. FORCE MAJEURE:

The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

- For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Dispute Redressal Committee:

All disputes can be addressed by amicable settlement by committee constituted by SHO, GVK-EMRI Karnataka.

33. Power of Cancellation:

TENDER Committee of GVK EMRI KARNATAKA reserves the right to cancel the TENDER notification and reject all the TENDERS in part or full, at any time during the process of receipt, evaluation, and finalization of TENDERS and at any stage of supply of AVLTS, without assigning any reason what-so-ever.



34. Indemnity:

The Supplier shall at all times indemnify GVK EMRI KARNATAKA against all claims which may be made in respect of the items, for infringement of any right protected by Patent, Registration of design or Trade Mark and shall take all risk of accidents or damage which may occur or failure of the supply from whatever cause arising. The Supplier shall be entirely responsible for the sufficiency of all the means used by them for the fulfillment of the contract

35. TERMINATION OF CONTRACT UNDER SPECIAL CIRCUMSTANCES

The Purchaser may without prejudice to any other remedy for breach of Terms and Conditions of Tender, by written notice of one month, terminate the contract either in whole or part, stating reasons thereof.

GVK EMRI KARNATAKA may, at any time, terminate the contract for any reason by giving the Supplier notice of termination. Upon receipt of the notice of termination, the Supplier shall either immediately or upon the date specified in the notice of termination, cease all further work except for such as the Purchaser may specify in the notice of termination. In the event of termination of the Contract, the Purchaser shall only pay to the Supplier the Price for the parts executed by the Supplier as of the date of termination.

36. Governing Law:

The Contract entered into between the GVK EMRI Karnataka and the Supplier shall be governed by and interpreted in accordance with the Laws of India. The place of jurisdiction shall be the place where the Purchaser is located, unless otherwise specified.

37. Local Conditions:

It will be imperative on each vendor to fully acquaint himself of all local conditions (in each state) and factors that would have any effect on performance of the Contract. The purchaser shall not entertain any request for clarifications from the vendor regarding such local conditions nor shall accept any offer conditional to the local factors. No request for any change of price or extension of time schedule of delivery of goods shall be entertained after purchaser accepts the items and services

38. Authority for Signing Documents:

A person signing the TENDER Form or any document, forming part of the contract on behalf of the supplier, shall carry the authorization letter stating his / her authority to sign such documents from the respective organization. Any Agent who is participating on behalf of a manufacturer shall have the

valid authorization letter on behalf of the manufacturer to sell the goods in the area where the TENDER is meant for, without which the bid will not be considered as valid



39. Responsibility for Performance of Contract:

The Supplier shall be entirely responsible for the performance of the contract in all respects in accordance with the terms and conditions as specified in the Contract. The Supplier may sublet, subcontract, transfer or assign the contract. However, Supplier shall be liable to any loss or damage which GVK EMRI KARNATAKA may sustain in consequence or arising out of such subletting of the contract.

*Head, Supply Chain Management
For and on Behalf of GVK Emergency Management and Research Institute*

ANNEXURE – I

Ref. Section II Clause No. 2.B

SALES TAX CLEARANCE CERTIFICATE

This is to certify that M/swho is a registered dealer under VAT Act with regarding having VAT TIN NO.....& CST TIN NO.has fixed Sales Tax return and tax cleared for the year 2014-15 ,2015-16 and 2016-17 i.e., for 31-03-2014,31-03-2015& 31-07-2016 (as on July 2016). No dues are outstanding for the said period.

**Signature & Seal
of the Commercial Tax Authority.**

ANNEXURE –II**Ref. Section II Clause No. 2.C****Annual Turnover Statement**

The Annual Turnover of M/s. _____

For the past three years are given below and certified that the statement is true and correct.

Sl. No.	Financial years	Turnover in Lakhs (Rs)
	2014 – 2015 (31-03-2015)	-
	2015 – 2016 (31-03-2016)	-
	Total	- Rs. _____ Lakhs.

Date:

Seal:

Signature of Chartered Accountant

(Name in Capital)

ANNEXURE – III

Ref. Section II Clause No. 2.F

Undertaking on not being black listed (on Company Letter Head)

We M/s Do hereby Undertake that, in competing for (and, if the award is made to us, in executing) the subject for supply of Under CURRENT AVLT TENDER PUBLISHED ON **07TH October 2016**, Tender number# **GVK-EMRI/KAR/TENDER/22/16-17** we shall strictly observe the laws against fraud and corruption in force in the country. We further state that, we have not been debarred/blacklisted by any Government organization in India till date.

Place:

Signature

Date:

Seal of the certifying authority.

ANNEXURE - IV

Ref. Section II Clause No. 2.G

Declaration Certificate

Date:.....

To

Head – Supply Chain Management

GVKEMRI, Karnataka

Subject: Tender No: **GVK-EMRI/KAR/ TENDER/22/16-17, Dt. 07.10.2016.**

Dear Sir,

We here by certify and declare that we have read and understood all the terms and conditions of the Subject tender and all the terms and conditions are acceptable to us.

We further confirm that we accept to supply all the items quoted by us as per technical specifications of GVKEMRI and there are not deviations from the specifications asked for by GVKEMRI.

1. Name of the Organization:
2. Name of the Chief Executive Officer/MD& Address:.....
3. Address of the registered office:.....
4. Address of the Factory / Plant:.....
5. Number of employees:.....
6. Number of AVLTS installed and commissioned in, 2013-2014& 2014-2015, 2015-2016:.....
7. Total turnover in 2014-2015& 2015-2016
(Please submit company profile on separate sheet)

Thanking you,

Yours Sincerely,

(Authorized Signatory)

Name and Designation with company seal

ANNEXURE –V

Description, Technical Specification & Operational requirements

Ref. No: Tender No: GVK-EMRI/KAR/ TENDER/22/16-17

s.no	Category	Requirements
1.a	AVLT Hardware features	AVLT should have Quad band GSM/GPRS Modem equivalent or better, with internal Flash Memory.
b		Built in Antennas for the GPS and GSM/GPRS connections are required.
c		AVLT unit must support any GSM card in India (different geographies may require SIM cards from different service providers) and Should support all GSM networks anywhere in India
d		The GPS receiver must have fast minimum 20 channels continuous tracking and the following re-acquisition functionality in terms: Cold start < 45 Sec, Warm start <=38 sec, Hot start <=12 sec, Signal re-acquisition = 100ms.
e		The device should have alerts on the following - low battery and power supply, disconnection of power supply, tampering with any input, speed
F		AVLT equipment should not undergo 'sleep mode' or 'dead mode' in any situation and should have auto refresh/awake functionality due to movement or any other vibrations. Later if required, GVKEMRI may ask the vendor to configure the devices with auto sleep mode (when the vehicle stationary for more than certain period, etc.). Lack of internet connectivity for more than 20 minutes must restart the device Automatically every 20 minutes till the internet connection is restored.
g		AVLT should have the following features: Tamper proof/ dustproof /water ingress resistant (Spill Proof) .The device should perform reliably in mobile environment of ambulance. It must be certified to be operable and stored for -40C to +160C
h		Power input should support 8v to 28v
i		Accessories as required by GVK-EMRI along with required software should be provided by vendor as and when required.
j		Vendor has to install the Server side equipment at GVK-EMRI with required software ensuring the data is being captured from the vehicle device
k		Internal backup battery should be Li-ion providing 6 hours of backup
2	Sensitivity of AVLT devices	AVLT Should have high tracking sensitivity (least count around 10 Meters for Lat and Long and 10 Deg for Orientation) with built in GPS Antenna.
3.a	Acquisition of data	In case of no coverage problem the AVLT should be able to log up to 12000 logs (3 days of data) on the inbuilt memory and these shall be transmitted when back into network coverage area. The store and forward mechanism in no case should result in loss of data packets.
b		When GPRS is not available and SMS is available the data needs to be stored at the same frequency as GPRS however transmission through SMS should be every one minute
c		Immediate shifting to SMS mode when GPRS is not available and sending SMS for every 1 minute is required

d		The data packet received at the server end should have the following fields. Unit ID, Latitude, Longitude, Speed, Time Stamp, Distance travelled and Orientation (azimuth) , all analog and digital inputs, of the vehicle. Gps fix.
e		The AVLT device should capture the movement in &out from GPRS covered zone to non –GPRS coverage and its return to GPRS coverage area with the location coordinates and date and time stamp.
f		All information coming from the AVLT device shall be available with unit ID mapped to any of the vehicle parameters such as vehicle No, SIM NO, Unique ID predefined by GVK-EMRI.
g		All Way-out points and special event points out of AVLT (Latitude, Longitude) should be of Decimal Degrees-WGS84 format and should contain minimum of 6 decimal places and should not contain any Null Lat or Null longs.
4	Capture of location data	When an Ambulance traverses the same point more than once, at different times, the coordinates that are sent by the AVLT should not vary in their projection on any reference map data more than 10Meters. This also applies to forward and backward passes (either X, or Y coordinates as appropriate) while passing or halting at the same landmark.
5.a	Data Transmission	AVLT data need to be sent to server located at GVK-EMRI premises directly from the devices without an intermediate server.
b		The system should support SMS based commands including SMS to clear the stored data packets, to reboot the device and to re-configure the server IP.
6.a	Configuration parameters	AVLT Vendor should have a Provision of a mapping table (master table) through software to map AVLT Ambulances with their Locations IDs at the GVK-EMRI Server side.
B		Each AVLT device should be able to store primary and backup IP Settings, the IP settings should be configurable from the server side. All alert parameters within the device and transmission intervals should be configurable from server side. Firmware upgrades should be possible from server side.
c		Server side application supplied by the vendor has to provide the functionality necessary for adding and deleting of units to the system, switching-off units within the system, update time interval for messaging, start-stop the updates and other AVL system maintenance Functions.
d		The AVLT device should be capable of transmitting data with minimum time gap of 10-12 seconds (this will be tested in Pilot) and should be configurable from the server side for higher time intervals. The captured data should come into the server in the designated M-SQL table.
7.a	Installing Hardware and software components	AVLT components must be capable of being installed and operational as specified on any of the GVK-EMRI ambulances. Arranging specific mounting accessories etc. at the places inside the vehicle and at server end with their configurations as specified by GVK-EMRI is the responsibility of the vendor.
b		During initial Installation, Configuration and Integration of the solution, vendor's experts have to physically available at respective GVKEMRI's campus...

8	Licensing	Vendor needs to accommodate Perpetual license for Server side software and device usage. Updates and upgrades should be free in the maintenance period and further yearly maintenance schedule and cost should be provided, the vendor needs to include the Customization of Server side Software in his scope (supplied by Vendor) as per the requirements of GVK EMRI KARNATAKA.
9	Product Architecture	Vendor has to provide the Architecture of the product /Solution and all technical documents /help files
10.a	Server side application	Server side application should support MS SQL Server and in the table structure provided by GVK-EMRI and must work ideally with any OS.
b		Vendor should install his web services or remote services at AVL T server in EMRI, to pull the data into SQL Server from the respective devices. The application has to provide an interface to monitor any AVL T unit statistics such as avg throughput, GSM.GPRs channel transmission and reception statistics and host activity statistics for monitoring the health and performance of the devices
11	Support	Vendor should make available a technical representative at GVK-EMRI state office for the Pilot evaluation and later during the implementation phase as per the terms of the P.O.
12.a	Documentation	Flow of data from AVL T to EMRI-AVL T server, should be provided in the form of document. Vendor should indicate and be able to provide support even after the contract is over/agreed for termination so that the equipment's an server side software supplied to EMRI could be Utilized by EMRI.
b		Detail description should be provided with respect to the Key alerts and data tables and columns created in SQL table.
13.a	Training	Training the EMT, Pilot & supervisory staff on installation, use & Troubleshooting of AVL Ts (including related user / admin manuals)
b	Certifications	one or more of UL, CE, FCC certifications are required

Annexure-VI

Technical Features

S.no	Description
1	Live Tracking
2	Group Tracking
3	Navigation History Playback & Tracking
4	Speed alert
5	Geo -fencing alert
6	Vehicle location alert
7	Trip Details
8	Google Maps Support
9	Sos alerts
10	Low Battery alert
11	Easy Device, Vehicle & Driver mapping features
12	self-mapping with vehicles
13	Easy configuration settings by Admin
14	Role based user control
15	ignition on/off
16	Application for tracking on mobile(optional)
17	Mail alerts(optional)
18	GSM Model based Auto sms on request based.
19	Any additional customization based on requirement an etc

Annexure-VII

Operational requirements	
S.no	Description
1	ALL the devices should have an uptime of 99.99%. If any device is not working for more than 2days it should be replaced with in two days or else Rs.500/- will be imposed for each device from 1st day. In case of Failure, the percentage of down time will be deducted from the total bill on day basis.
2	Dedicated Manpower to the HQ should be provided by the vendor and for issue related to on field support also need to be taken care by the vendor.
3	No extra charges will be paid for on field support or for buffer stock.
4	Sim need to be taken care by the vendor himself and GVK is not responsible for any kind of network related issue and no excuses will be entertained.
5	Installation cost for device need to be taken care by the vendor and no extra charges will be paid for first time or later.
6	No extra charges will be paid for customization of report in contract period which were requested by GVK EMRI KARNATAKA.
7	Web portal access with real-time tracking ,dash board and reports need to be provide as desired by GVK EMRI KARNATAKA
8	Vendor needs to sign a Non-Disclosure agreement pertaining to the same
9	Integration of AVL Data with ERC application

SCHEDULE OF REQUIREMENTS

Sl. No.	Brief Description	Unit	Quantity	Delivery Schedule	Schedule
1	Supply & Maintenances of AVL(GPS) services based vehicle tracking System	No's	741	within 45 days from the date of PO release and acknowledgment	In Single Schedule

FINANCIAL BID SECTION

Format for quoting prices (Price Bid)

Ref Tender No: GVK-EMRI/KAR/ TENDER/22/16-17

S.No	Item Description	Make	UOM	Basic Monthly rental cost Unit Price (Excl. Vat/Tax) (Rs.)	ED	Sales Tax/Vat (Rs)	Total Price (Rs)	Brand Name
1								
2								
3								
4								
5								
6								
7								

Signature of the Tenderer with Designation & Office Seal

Date:

Performance Security Bank Guarantee

..... (Insert: Bank’s Name and Address of Issuing Branch or Office)

Beneficiary: (Insert: name and Address of GVK EMRI KARNATAKA)

Date:

PERFORMANCE GUARANTEE No:

We have been informed that (insert: name of Supplier) has entered into Contract No. (Insert: reference no of the contract) dated With you, for the supply of (insert: description of goods).

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we (insert: name of bank) hereby irrevocably undertake to pay you ant sum or sums not exceeding in total an amount of (insert: amount in figures) (.....) (insert: amount in words) upon receipt by us of your first demand in writing accompanied by a written statement stating that the supplier is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire no later than the Day of, 2..... , **and any demand for payment under it must be received by us at this office on or before that date.

** The guarantor agrees to extension of this guarantee for a further period of 4 years (One year extension on each request) in response to the GVK EMRI KARNATAKA written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.