

Tender No. :- 1795

Retender

Serial No –DGP/17/6162/GPS-PUNE CITY/44/2017

EMD Rs :- 1,20,000/-

Tender Price :- Rs. 12,000/-

| | |
|--|---|
| A) Tender reference No:- | DGP/17/6162/GPS-Pune City/44/2017 |
| B) Date of Tender Download :- | From 18/06/2018 16.00 hr. upto 03/07/2018, 17.30 hr |
| C) Online submission of Tender (Bid preparation & Hash submission):- | From 18/06/2018 16.01 hr. upto 03/07/2018, 17.30 hr |
| D) Close for Technical Bid | From 04/07/2018, 10.00 hr upto 04/07/2018, 17.30 hr |
| E) Close for Price Bid | From 04/07/2018, 10.00 hr upto 04/07/2018, 17.30 hr |
| F) Online Final Confirmation (Decryption and Re-encryption):- | From 05/07/2018 10.00 hr. upto 06/07/2018, 17.30 hr |
| G) Date of Technical Bid opening :- | From 07/07/2018, 10.00 hour upto 20/07/2018, 17.30 hr |
| H) Date of Commercial Opening :- | From 20/07/2018, 10.00 hour upto 31/07/2018, 17.30 hr |
| I) H) Validity of Tender :- | 120 days from the date of opening of tender |

TENDER FORM

The Director General of Police, Maharashtra State, Mumbai on behalf of the Hon'ble Governor of Maharashtra invites online Tender in "Two Envelops System" (i.e. Technical Bid & Commercial Bid) for supply of below mentioned 'Modern Equipments' for Maharashtra Police.

Details as Under

| Sr. No. | Item Tendered | Quantity in Nos. | Tender Document Fee |
|---------|---|-------------------|---------------------|
| 1 | GPS BASED VEHICLE TRACKING SYSTEM WITH ALL ACCESSORIES AS PER SPECIFICATIONS ATTACHED ALONGWITH* | 500 ± 25 % | 12,000/- |

Validity of Tender :- 120 Day from the date of opening of tender.

Terms and Conditions :-

- (1) Online tenders are invited in 'Two Envelope System' (Technical Bid & Commercial Bid) Tenderer can download the tender form and specifications from the Electronic Tendering System of Maharashtra Police, web portal <https://mapo.maharashtra.e-tenders.in>.
- (2) Tenderer should pay Tender Document Fees **Rs. 12,000/-** (Rupees Twelve Thousand only) through online using payment gateway. The tender document **fee is non refundable**. Earnest Money Deposit amounting to **Rs. 1, 20,000/-** should be paid (Wherever applicable) in the process of e-Tender. Tender Document fees & EMD will not be accepted in form of Cash/DD/Cheques etc. EMD amount will be refunded online.
- (3) Decryption and Re-encryption stage as specified in the Tender Schedule.
- (4) Tenderers are requested to submit their bid online in two separate envelopes marked as "Technical Envelope" and "Commercial Envelope".
- (5) The Bidders are required to submit their Bids for this item / these items ONLY through online. Manual Bids for these items shall not be considered under any circumstances.
- (6) The various activities required to be executed by the Bidders to submit their Bids for these items are time and date locked. The Bidders are requested to execute all the activities related to their bids within the prescribed time limits (Key dates) for each time. Tender Inviting Authority shall not be responsible for any delay. No extension will be given under any circumstance.

- (7) As per Information of Technology Act – 2000, the Bidders are required to sign the bid data using Class – II / Class – III Digital Certificate. The Bidders may procure the Digital Certificate in the name of the authorized representative of the Organization at the earliest. Bidders who may need to procure Digital Certificates may contact Nextenders (India) Pvt. Ltd., Mumbai Office: 022- 28790311, Pune Office : Cell: +918805608989 / +918805708989, email: dc.pune@adwebtech.com
- (8) For any further assistance regarding the process of Electronic Tendering System, the Bidders may please contact the Helpdesk Support Team of Sify–Nextenders on 020-30187500.
- (9) For further information, please visit <http://mapo.maharashtra.etenders.in>

TECHNICAL BID

- (10) The technical bid envelope should contain the following :-
- (i) The tenderer should submit the Original Tender Form with his Signature, Seal/ Rubber Stamp and uploaded it online with following information on his letter head :

| | | | | |
|--|--|----------------------|-------------------------|---|
| Name of Company | | | | |
| Name of the Directors/ Proprietors | | | | |
| Name of Authorized Signatory for signing the bid. | | | | |
| Registered office Address | | | | |
| Year of Establishment | | | | |
| Type of Firm | Public Ltd. Co | Private Ltd.Co. | Partnership Firm | Traders/ Authorised dealers/ Distributors |
| Telephone Number(s) | | | | |
| E-mail Address/website | | | | |
| Fax No. | | | | |
| Mobile Number | | | | |
| Registration Number under Indian Companies Act, 1956 | | | | |
| GST Registration Certificate | Reg. Number | | Date | |
| Annual Turnover | Year | Amount in Crores Rs. | | Audited Y/N |
| | | With CSPO Rate Cont. | Without CSPO Rate Cont. | |
| | 2015-16 | | | |
| | 2016-17 | | | |
| | 2017-18 | | | |
| Total Annual Turnover | | | | |
| IE code (if product or parts are imported) | | | | |
| Proof of EMD | Attach copy of receipts | | | |
| Earnest Money Deposited through | | | | |
| Make of tendered item * | | | | |
| Model No. of tendered item * | | | | |
| * | Bidders should quote only one model. Technical bid not mentioning the offered Make / Model of the tendered item is liable for rejection. | | | |

- (ii) Earnest Money Deposit (EMD): The Earnest Money Deposit of **Rs. 1, 20,000/- (Rupees One Lakh Twenty Thousand only)** should be paid online using payment gateway. If the tenderer is exempted from submitting the EMD, it should be mentioned on the original letter head along with the copies of G.R. / Govt. order. The exemption must be for the tendered item i.e. the firm must have the certificate mentioning registered with C.S.P.O. /NSIC / SSI unit for the tendered item.
- (iii) Registration Certificate of C.S.P.O. /NSIC / SSI with validity of registration mentioned clearly.
- (iv) Value Added Tax Clearance Certificate from the competent authority showing the VAT paid up to **December 2017**. OR If VAT clearance certificate cannot be submitted, acknowledgement of application made to the VAT competent authority for such clearance certificate should be enclosed with technical bid. However VAT clearance certificate must be produced before the opening of the commercial envelope, otherwise the tender shall be treated as invalid & commercial envelop of such bidder cannot be opened. In case of Tenderers from the States where VAT is not levied, they should provide the clearance certificate of Sales Tax or any other equivalent tax levied, from the competent authority. Also, last Income Tax clearance certificate from the competent authority should be submitted along with the documents.
- (v) The tenderer should be an authorized distributor / dealer for the tendered item and he should furnish current year valid Authorization Letter / Dealerships certificates from the Original Equipment Manufacturer (OEM). The Authorization letter should be specific for the tendered item. Xerox copy of Authorization letter should be attested with valid dates. The name of item should be clearly mentioned in Authorization Letter. (Original authorization letter should be submitted for verification at the time of commercial bid opening).
- (vi) The tenderer should obtain a letter from the manufacturer that the Model quoted in the tender conforms to the specifications of the products manufactured as on date and latest. Also the product should not be of old model and service be provided for the period as mentioned in the specifications, or upto 03 years whichever is higher from the date of acceptance of stores /date of installation. Also a letter showing that he is an authorized distributor/ dealer for a minimum period of next 3 years.
- (vii) Power of Attorney in favour of person signing the bids to be given in Technical envelope (if applicable).
- (viii) Product Brochure clearly mentioning the features, Make/Model No. etc. If Brochure is not available then Photograph of tendered product should be submitted.
- (ix) Latest Test Report along with letter of the tenderer giving technical specifications to the laboratory asking for latest report i.e. on or after **December 2017**, of the tendered item should be submitted.
- (x) Tenderer should submit Comparative chart in the following format for each item.

| Sr. No. | Specification of tendered item | Specification of item offered |
|---------|--------------------------------|-------------------------------|
| | | |

* Special / Additional feature should be mentioned below this comparative chart.

- (xi) List of clients to whom the tenderer has supplied the tendered item mentioning the quantity and date of supply. Copies of supply orders should be uploaded without disclosing commercial details.

- (11) The Director General & Inspector General of Police, Maharashtra State, reserves the right to select any vendor on the grounds of his experience, the clients, the capacity or turnover of the vendor which can infuse confidence that selected vendor can complete the work within given time.
- (12) The tenderer who qualifies in technical bid will have to submit samples for testing / demonstration / field trials, before a committee of officials selected by Director General of Police, Maharashtra State, within **four days positively from opening of technical envelop, on 'No cost, No commitment' basis.** If the tenderer failed to show the demonstration/ field trials within given period, his offer will be liable for disqualify.
- (13) The tenderer shall give an undertaking for supply of spare parts / batteries for the period specified in specifications of the tendered item.
- (14) The Tenderer shall give an undertaking in case the equipment or any part thereof have to be imported from their OEM.
- (15) That he possesses valid Dealer Possession License”DPL” for the tendered item as on that date. The entire order Quantity should be delivered within **Eight Weeks** or earlier from the date of receipt of the valid DTG/AIP/DL/Import license from WPC whichever is later of this time schedule is not adhered to then penalty shall be levied.

Note:-

1. **The tenderer should submit all above mentioned compulsory documents in specified format from Sr. No. 1 to 10 (xi). If the tenderer fails to submit any single document in the technical envelope the tender shall be treated as invalid / rejected.**
2. **The bidder should note, that queries/ clarifications if any, should be raised during first week only. From publication of this notice. Queries received after first week will not be entertained.**

No information related to Price bid should be furnished/disclosed in the Technical Envelope otherwise the Bid shall be disqualified.

COMMERCIAL BID

- (16) Tenderers should submit separate Commercial bid for each item in the following format clearly mentioning each and every details of the price bid online:-

| Sr. No. | Name of item (Make / Model No.) | Basic Price | Transport charges | GST | Insurance | Education Cess | Forwarding/ Handling charges | Packing charge | Customs Duty | Installation charges | Training Charges | Final price including of all these charges |
|---------|---------------------------------|-------------|-------------------|-----|-----------|----------------|------------------------------|----------------|--------------|----------------------|------------------|--|
| | | | | | | | | | | | | |

Note- As per applicability of post G.S.T

- (i) The price quoted must be in figures and in words and should be in Rupees (INR).
- (ii) The tenderer should note that Customs Duty Exemption Certificate will be given to those tendered items which are included In the list of Govt. of India's Notification of 03/07/1996. **and thereon and subject to any decision made in post G.S.T. implementation**

- (iii) The price quoted must be inclusive of supplying the item anywhere in Maharashtra. No request of extra payment of transportation charges will be entertained afterwards.
 - (iv) The warranty period of the tendered item should be mentioned in the Commercial envelope & would start from installation of final product.
 - (v) Conditional offers and offers qualified by such vague and indefinite expression such as "Subject to immediate acceptance, "Subject to prior sale" etc. will not be considered.
- (17) Exchange Rate Variation (ERV) :- Bidders should indicate import content(s) and the currency(ies) used for calculating the value of import content(s) in their total quoted price. Which (i.e. the total quoted price) will be in Indian Rupees. The bidder should indicate the Base Exchange Rate for each such foreign currency used for converting the foreign Exchange content into Indian Rupees and the extent of Foreign Exchange rate variation risk they are willing to bear. To work out the variation due to changes (if any) in the exchange rates(s). the base dated for this purpose will be the due date of opening of tenders. The variation will be allowed between the above base date and the date of remittance to the foreign principal. The applicable exchanges rate as above will be according to the TT Selling Rates of Exchange as quoted by the authorized exchange bankers approved by the Reserve Bank of India on the date in question. No variation in prices in this regard will be allowed if the variation in the Rate of Exchange remains within the limit of $\pm 2\%$ (Plus / Minus Two Percent). Any increase or decrease in the Custom Duty by reason of the variation in the Rate of Exchange in terms of contract will be to the buyer's account. In case delivery period is refixed / extended, ERV will not be admissible. If this is due to default of the supplier. The following documents should be furnished by the supplier for claiming ERV.
1. A bill of ERV claims enclosing working sheet.
 2. Banker's Certificate / debit advise detaining. F.E. paid date of remittance & exchange Rate.
 3. Copies of Import Order(s) placed on supplier.
 4. Invoice of Supplier for relevant Import Orders(s)
- (18) The warranty period of the equipment / item will start from date of receipt / acceptance of equipment, the period of the comprehensive **warranty shall be applicable for 3 years or as mentioned in specification.**
- (19) Comprehensive and Non-comprehensive Annual Maintenance Contract (AMC) rates (if applicable) must be mentioned after lapse of warranty period in Commercial envelope.
- (20) Quantity of tendered item may vary subject to the final availability of funds.
- (21) The selected vendor should be in a position to supply the equipment within **Eight Weeks** or earlier from the date of placing of the order / customs duty exemption certificate / license copy etc. The tenderer should be in a position to supply the goods to Police units as per distribution list after inspection is completed.
- (22) The testing charges of Government approved laboratories, if any of the samples tendered will have to be paid by the shortlisted Bidders after the short listing of Technical Bids. The rates of testing charges are likely to vary & the tenderer will have to pay the current charges before sending the samples for testing. **Samples will be returned after commercial bid opening.**

- (23) The commercial envelopes of only those participants will be opened who have passed in demonstration/ laboratory tests/ field trials.
- (24) Though any vendor can participate in the tender, the Director General & Inspector General of Police, Maharashtra State, reserves the right to select the vendor who has a manufacturing facility, service center or repair workshop in Maharashtra.
- (25) Participant should have after sales and service facilities at major cities in Maharashtra, wherever applicable.
- (26) The Director General & Inspector General of Police, Maharashtra State, reserves the right to inspect the manufacturing unit wherever found necessary, while considering the tender.
- (27) It is responsibility of the vender to take back Earnest Money Deposit (EMD) after finalization of the tender. No interest will be paid at any cost on Earnest Money Deposit.
- (28) The Director General & Inspector General of Police, Maharashtra State, reserves the right to reject any part or the whole tender without assigning any reason.
- (29) The conditions mentioned in Purchase Procedure Rules and Purchase Manual of Govt. of Maharashtra, and instructions as per Government of Maharashtra, Industries Energy & Labour Dept. Resolution क्र. भांखस-2014/pra.kra.82/bhag-III/उद्योग-4, दि. 01/12/2016 and recent amendments thereof will be applicable.
- (30) The right to ignore any tender which fails to comply with the above instruction is reserved.
- (31) Tenderers are at liberty to remain present or to authorize their representative at the opening of technical or commercial bid at the time and date specified. Dates quoted for opening of technical and commercial bids are subject to changes in case there is any holiday abruptly declared by the Government or under certain unavoidable circumstances.
- (32) The Director General & Inspector General of Police, Maharashtra State, Mumbai does not pledge himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender or portion of the quantity offered against any item and tenderer should supply the same at the rate quoted.
- (33) In the event of the order being placed against any of the tender and if tenderer fails to supply any stores according to specifications or the terms and conditions of Acceptance of Tender or fails to replace any stores rejected by the Director General & Inspector General of Police , Maharashtra State, Mumbai. or by any person on his behalf within such time as may be stipulated, the Director General & Inspector General of Police, Maharashtra State, Mumbai, reserves the right to purchase such stores from any other sources and at such price as the Director General & Inspector General of Police, Maharashtra State, Mumbai shall in his sole discretions thinks fit.

If action as stipulated above is taken:-

- (i) The offer of the defaulting contractor will not be considered.
- (ii) The defaulting contractor will be penalized to the extent of the differences in the rates or 10% of the value of the earlier orders whichever is higher.

- (iii) If the defaulting contractor fails to pay the penalty he will be permanently de-listed from the list of approved contractors of the Director General & Inspector General of Police, MS, Mumbai and the registration deposit of the contractors will be forfeited to Government.
- (34) In case of no delivery and /or delayed delivery against an order placed after Acceptance of Tender the Director General & Inspector General of Police, Maharashtra State, Mumbai reserves to himself the right to impose such penalty in his sole discretion as he thinks fit.
- (35) (a) Successful Tenderer will be required to pay security deposit as fixed by the Director General & Inspector General of Police, M.S., Mumbai and enter in an agreement for the performance of the contract.
- (b) Bidders convicted or involved in any criminal offence shall be considered ineligible for awarding contract.
- (c) Bidder should submit undertaking as follows:
- That he has not been blacklisted from participating in any tender initiated by any State / Central Govt. Or UT of Govt.
 - That there are no criminal cases against the Company. If there are any cases the same should be denoted in brief summary.
- (36) As soon as it is apparent that contract dates cannot be adhered to, an application shall be sent to the Director General & Inspector General of Police, Maharashtra State, Mumbai.
- (37) Without prejudice to the foregoing rights, if such failure to delivery in stipulated time as aforesaid shall have arisen from any cause, which the Director General & Inspector General of Police, M.S., Mumbai may admit as a reasonable ground for an extension of the time (and his decision shall be final), he may allow such additional time considering the circumstances of the case, which are justified. However, the decision taken by the Director General & Inspector General of Police, M.S. will be final.
- (38) Provided always that any failure or delay on the part of sub-contractors through their employee shall not be admitted as a reasonable ground for any extension of time or for exempting the tenderer from liability for any such loss or damage, as aforesaid and provided further that no extension shall be allowed unless applied for and if shall, in the opinion of the Director General & Inspector General of Police, Maharashtra State, Mumbai (which shall be final) have been made and in his opinion, are justified.
- (39) Any statutory increases or decreases in an Act of State or the Central Government relating to GST and other taxes shall be borne by the tenderer.**
- (40) Tenderers should state the place of inspection of the stores offered, if the goods are offered for inspection outside Maharashtra State, the tenderer will have to bear all expenditure of inspection carried out by this office.
- (41) Goods should be dispatched at carrier's risk and should be properly covered by transit insurance with Govt. Insurance Fund, Mumbai-400 032. However, the tenderer will be responsible till the entire Stores contracted for arrived in good condition at destination.

- (42) The tenderer should specifically mention whether they are licensed under Industries Development and Regulation (IDR) ACT 1951 for the production of the item in tender and if not, how prescribed and from whom they proposed to procure the material and what arrangements are proposed for its assembly and supply.

I agree with all the above terms and conditions.

I agree with all the above terms and conditions.

Date and Place

(Name, Signature and Rubber seal of Bidder)

General Terms and Conditions For E-Payment

1. Once a User has accepted these Terms and Conditions, he/ she may register on Merchants website and avail the Services.
2. Merchant's rights, obligations, undertakings shall be subject to the laws in force in India, as well as any directives/ procedures of Government of India, and nothing contained in these Terms and Conditions shall be in derogation of Merchant's right to comply with any law enforcement agencies request or requirements relating to any User's use of the website or information provided to or gathered by Merchant with respect to such use. Each User accepts and agrees that the provision of details of his/ her use of the Website to regulators or police or to any other third party in order to resolve disputes or complaints which relate to the Website shall be at the absolute discretion of Merchant.
3. If any Part of these Terms and Conditions are determined to be invalid or unenforceable pursuant to applicable law including, but not limited to, the warranty disclaimers and liability limitations set forth herein, then the invalid or unenforceable provision will be deemed superseded by a valid, enforceable provision that most closely matches the intent of the original provision and the remainder of these Terms and Conditions shall continue in effect.
4. These Terms and Conditions constitute the entire agreement between the User and Merchant. These Terms and Conditions supersede all prior or contemporaneous communications and proposals, whether electronic, oral or written, between the User and Merchant. A printed version of these Terms and Conditions and of any notice given in electronic form shall be admissible in judicial or administrative proceedings based upon or relating to these Terms and Conditions to the same extent and subject to the same conditions as other business documents and records originally generated and maintained in printed form.
5. The entries in the books of Merchant and/or the Payment Gateway Service Providers kept in the ordinary course of business of Merchant and/or the Payment Gateway Service Providers with regard to transactions covered under these Terms and Conditions and matters therein appearing shall be binding on the User and shall be conclusive proof of the genuineness and accuracy of the transaction.
6. **Refund For Charge Back Transaction:** In the event there is any claim for / of charge back by the User for any reason whatsoever, such User shall immediately approach Merchant with his / her claim details and claim refund from Merchant alone. Such refund (if any) shall be effected only by Merchant via payment gateway or by means of a demand draft or such other means as Merchant deems appropriate. No claims for refund/ charge back shall be made by any User to the Payment Gateway Service Provider(s) and in the event such claim is made it shall not be entertained.
7. In these Terms and Conditions, the term "Charge Back" shall mean approved and settled credit card or net banking purchase transaction(s) which are at any time

refused, debited or charged back to merchant account (and shall also include similar debits to Payment Gateway Service Provider's accounts, if any) by the acquiring bank or credit card company for any reason whatsoever, together with the bank fees, penalties and other charges incidental thereto.

8. Refund for fraudulent / duplicate transaction(s): The User shall directly contact Merchant for any fraudulent transaction(s) on account of misuse of Card / Bank details by a fraudulent individual/party and such issues shall be suitably addressed by Merchant alone in line with their policies and rules.
9. Server Slow Down/Session Timeout: In case the Website or Payment Gateway Service Provider's webpage, that is linked to the Website, is experiencing any server related issues like 'slow down' or failure' or 'session timeout', the User shall, before initiating the second payment, check whether his/her Bank Account has been debited or not and accordingly resort to one of the following options:
 - i. In case the Bank Account appears to be debited, ensure that he / she does not make the payment twice and immediately thereafter contact Merchant via e-mail or any other mode of contact as provided by Merchant to confirm payment.
 - ii. In case the Bank Account is not debited, the User may initiate a fresh transaction to make payment.

However the User agrees that under no circumstances the Payment Gateway Service Provider shall be held responsible for such fraudulent/duplicate transactions and hence no claims should be raised to Payment Gateway Service Provider. No communication received by the Payment Gateway Service Provider(s) in this regard shall be entertained by the Payment Gateway Service Provider,

Limitation of Liability

1. Merchant has made this Service available to the User as a matter of convenience. Merchant expressly disclaims any claim or liability arising out of the provision of this Service. The User agrees and acknowledges that he/she shall be solely responsible for his/ her conduct and that Merchant reserves the right to terminate the rights to use of the Service immediately without giving any prior notice thereof.
2. Merchant and/or the Payment Gateway Service Providers shall not be liable for any inaccuracy, error or delay in, or omission of (a) any data, information or message, or (b) the transmission or delivery of any such data, information or message; or (c) any loss or damage arising from or occasioned by any such inaccuracy, error, delay or omission. nonperformance or interruption in any such data, information or message. Under no circumstances shall the Merchant and/or the Payment Gateway Service Providers, its employees, directors and its third party agents involved in processing, delivering or managing the Services. be liable for any

direct, indirect, incidental, special or consequential damages, or any damages whatsoever, including punitive or exemplary arising out of or in any way connected with the provision of or any inadequacy or deficiency in the provision of the Services or resulting from unauthorized access or alteration of transmissions of data or arising from suspension or termination of the Services.

3. The Merchant and the Payment Gateway Service Provider(s) assume no liability whatsoever for any monetary or other damage suffered by the User on account of:
 - (i) the delay, failure, interruption, or corruption of any data or other information transmitted in connection with use of the Payment Gateway or Services in connection thereto; and/ or
 - (ii) any interruption or errors in the operation of the Payment Gateway.
4. The User shall indemnify and hold harmless the Payment Gateway Service Provider(s) and Merchant and their respective officers, directors, agents and employees from any claim or remand or actions arising out of or in connection with the utilization of the Services.

The User agrees that Merchant or any of its employees will not be held liable by the User for any loss or damages arising from your use of, or reliance upon the information contained on the Website, or any failure complete these Terms and Conditions where such failure is due to circumstances beyond Merchant's reasonable control.

Pune City Police Commissionerate - GPS based vehicle tracking system.

Technical Specifications and Schedule of requirement.

Vehicle Mounted unit (GPS Unit) :

The Vehicle Mounted unit should be capable of tracking up to twelve satellites at a time while providing one-second navigation updates and low power consumption. It should be capable to work on Differential GPS also. It should store data in offline mode up to **minimum 8 hours** and be capable to upload to server on coming into contact with server without human intervention.

GPS unit - Technical Specifications :

General Specifications :

| Sr. No. | Requirements | Bidders Response | Remarks |
|---------|--|------------------|---------|
| 1 | Capability of Transmission of vehicle data to data center at Police Station, Divisional Offices. Police control room, using secure and reliable communication link. | | |
| 2 | Ability to derive power from the vehicle battery and designed for low power consumption. Power: 12V-24V DC nominal from vehicle battery +/- 20%. | | |
| 3 | Power consumption-Max.300 mA, 150 mA Standby. | | |
| 4 | Protections- i) Short circuit protection. ii) Electro / Ignition Static Protection. iii) Surge Protection. iv) Anti theft Protection. | | |
| 5 | Internal Battery Backup-Min.8 Hrs. | | |
| 6 | Environmental Specifications: ❖ Operating temperature 0 ⁰ C to +80 ⁰ C. ❖ Humidity 90%. | | |
| 7 | Ruggedized enclosure : Waterproof, dustproof-IP67 Compliant. Designed to withstand the harsh environment inside the vehicle. System should function round the clock throughout the year in all weather conditions. | | |
| 8 | Warranty - 3 Years Comprehensive | | |

Technical Specifications :

| Sr. No. | Requirements | Bidders Response | Remarks |
|---------|--|------------------|---------|
| 1 | Network Accessibility-GSM, 2G, 3G | | |
| 2 | Re-acquisition time: 1 second | | |
| 3 | GPS Accuracy-Min.5 Mtr. | | |
| 4 | I/O Ports | | |
| 5 | SOS Aleart-Provision to declare the emergency situation. | | |
| 6 | GEO Fencing-Facility to define the boundaries of desired area. | | |
| 7 | Realtime Tracking-Capability of acquisition of vehicle realtime position parameters like latitude, longitude, Velocity, etc. | | |
| 8 | Vehicle position refresh rate 10 seconds on MAP. | | |
| 9 | Power cut/Low Battery Aleart - Alarm or visual indication. | | |

Server :

| Sr. No. | Requirements | Bidders Response | Remarks |
|---------|--|------------------|---------|
| 1 | Server Security-Certification by competent authority. | | |
| 2 | Server Data Storage Capacity-Min.3 Months. Data Backup Facility should be available at the purchasers end. | | |
| 3 | Integration with another server - Capability to integrate with another server available at purchaser premises. | | |
| 4 | Data Security-Details be provided regarding data security algorithm. Also the details of DR site (Disaster Recovery site) be provided. | | |
| 5 | Multiple Monitoring - ❖ Multiple Users with Access rights. ❖ Layers of Authentication. ❖ Login Facility ❖ Dashboard Facility | | |
| 6 | AVL Unit status-Activating and deactivating the AVL unit should be possible. It should be possible to query the AVL unit for diagnostics and health check of the unit. Policy defined for Health Check Status. | | |

Reports : Web Based Report Generation.

| Sr. No. | Requirements | Bidders Response | Remarks |
|---------|-----------------------------------|------------------|---------|
| 1 | Halting Period Report- | | |
| 2 | Route Report- | | |
| 3 | Estimated Time of Arrival Report- | | |
| 4 | Daily Odometer Report- | | |
| 5 | Root Report- | | |

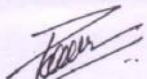
Un-priced Bill of Material-

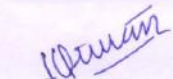
Mandatory Items :


| Sr. No. | Particular | Qty | Unit Price | Total Cost |
|---|--|-----|------------|------------|
| Latest Technology based Advanced Vehicle Tracking Solution with installation and Commissioning. | | | | |
| 1 | GPS Vehicle Tracking Device with all accessories | 500 | | |
| 2 | Yearly Subscription Charges | 500 | | |
| 3 | Installation Charges. | 500 | | |
| 4 | Taxes | -- | | |
| Total : | | -- | | |
| 5 | 2 nd Year AMC Charges | 500 | | |
| 6 | 3 rd Year AMC Charges | 500 | | |


Optional Items :


| Sr.No. | Particular | Qty | Unit Price | Total Cost |
|--------|--|-----|------------|------------|
| 1 | The latest configuration server for vehicle tracking application with Hardware & Necessary Licenced Softwares. | 1+1 | | |



 द. ज्ञा. पवार
 सहा. पो. आ. वि. सं.,
 पुणे शहर


 वि. प. पवार
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