

### Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 19:00:00
Bid Opening Date/Time	24-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Karnataka
Department Name	Urban Development Department Karnataka
Organisation Name	Directorate Of Municipal Administration
Office Name	Dudc Mandya
Total Quantity	24
Item Category	GPS Tracking System
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	1 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Required	No
----------	----

### ePBG Detail

Required	No
----------	----

## **Splitting**

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## **GPS Tracking System ( 24 pieces )**

### **Technical Specifications**

[\\* As per GeM Category Specification](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
GPS Specification	<b>Type Of Modem</b>	Multi Band GPRS Modem	Multi Band GPRS Modem
	Multi Band GPRS Modem Frequency (MHz)	1800	*
	Minimum Data Rate (Uplink) (kbps)	85.6	*
	Minimum Data Rate (Downlink) (kbps)	85.6	*
	GPS Receiver	GPS L1 C/A-Code	*
	<b>Acquisition Channels (Minimum)</b>	100	50, 100 Or higher

	Tracking Sensitivity Minimum (dBm)	-150	*
	Horizontal Position Accuracy (meter)	3	*
	Compatible Satellite-based Augmentation System (SBAS)	Wide Area Augmentation System (WAAS), European Geostationary Navigation Overlay Service (EGNOS), MTSAT Satellite Augmentation System (MSAS), GPS-aided GEO Augmented Navigation (GAGAN)	*
	Hot Start Time	less than 1 sec	*
	Antenna for GPS Receiver and GPRS Modem both	Yes	*
	Automotive Electronics Council (AEC) - Q100 qualified GPS Chip	Yes	*
	GPS Manufactured in ISO/TS 16750 Certified Sites	Yes	*
	Built-in storage to store the data for minimum 1 day if the device is out of network	Yes	*
	Data Backup for GPRS Dark Zones (Minimum)	20000	*
	Distance and Time Based Hitting	Yes	*
	Cell tower location information for GPS Dark Zone	Yes	*
	Availability of SIM	Yes	*
General	<b>The tracking system has built-in GPS combining with advanced AGPS called EASY (Embedded Assist System) and proven "always Locate Technology"</b>	In Compliance	In Compliance
Hardware Specification	Enclosure Material	ABS	*
	Ingress Protection Rating of Enclosure (IP)	67	*

LED Indicators	On,Ignition,GPS,GPRS	*
Availability of Emergency Alerts (Panic)	Yes	*
Tamperproof Device	Yes	*
Device Tampering Alarm	Yes	*
RS 232 port for RFID Card Reader	Yes	*
Power Source	30	*
Battery Backup (minimum)	6	*
Maximum Power (Sleep Mode)	11.6	*
Maximum Power (Transit Mode)	33.5	*
Standard accessories to be supplied with the unit	-	*
Minimum Operating Temperature	-20	*
Maximum Operating Temperature	55	*
Minimum Operating Humidity (RH) (%)	5	*
Maximum Operating Humidity (RH) (%)	95	*
Dimensions (L x B x D) (mm x mm x mm)	-	*
Weight (Including Batteries)	170	*
RoHS Compliant	Yes	*
Other Certifications available	UL,CE,FCC	*
Conformance to ISO :16750, Road vehicles —Environmental conditions and electrical testing for electrical and electronic equipment, is an ISO standard which provides guidance regarding environmental conditions commonly encountered by electrical and	Yes	*

	electronic systems installed in automobiles		
Software Feature	Compatibility to operate with the mobile devices	Yes	*
	Alert/Notification facility	Yes	*
	Alert/Notification method	Server Based and SMS Both	*
	S/W is capable to allow tracking of all vehicles from same screen with option to search/select individual State//City/Geo Location	Yes	*
	Availability of Data Backup for 365 days	Yes	*
	S/W is capable to download/upload the data of previous year	Yes	*
	uptime of Server to be more than 90%	Yes	*
	Availability of Map for Tracking	Google	*
	Option to see Earth View and Satellite View through	Google,Bhuvan	*
	Uptime of the application to be more than 99%	Yes	*
IP Rights	Product Design and Firmware IP Rights - Owned by the OEM	Yes	*
	Software Solution Code IP Rights - Owned by the OEM	Yes	*
Warranty	<b>Warranty</b>	3	1, 2, 3 Or higher

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporti	Address	Quantity	Delivery Days
-------	-------------------	---------	----------	---------------

	ng Officer			
1	K R	571401, District Urban Development Cell, Office of the Deputy Commissioner, Mandya	24	30

## Bid Specific Additional Terms and Conditions

- Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - The Seller fails to comply with any material term of the Contract.
  - The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - The Seller becomes bankrupt or goes into liquidation.
  - The Seller makes a general assignment for the benefit of creditors.
  - A receiver is appointed for any substantial property owned by the Seller.
  - The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
- Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
- OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
- IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- SLBR52
- Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

11. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): Standard Certificates/ test reports prescribed by the concerned authorities .
12. ISO 9001: The bidder must have ISO 9001 certification.
13. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
14. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
15. After award of contract – Successful Bidder shall have to get advance sample approved from buyer before bulk manufacturing / starting bulk supplies. Successful Bidder shall submit 1 samples for Buyer's approval, within 5 days of award of contract. Buyer shall, as per contract specifications framework, either approve the advance sample or will provide complete list of modification required in the sample within 21 days of receipt of advance sample. Seller shall be required to ensure supply as per approved sample with modifications as communicated by Buyer. If there is delay from buyer side in approval of advance sample – the delivery period shall be refixed without LD for the period of delay in sample approval. In case, the sample is found to have major deviations / not conforming to the Contract specifications, the buyer at its discretion may call for fresh samples for approval before allowing bulk supplies or may terminate the contract after notifying the deviations to the seller.  
Unless otherwise provided in the contract, all samples required for test shall be supplied by the contractor free of cost. Where under the contract, the contractor is required to submit an advance sample, any expenses incurred by the contractor on or in connection with the production of stores in bulk, before the sample has been approved unconditionally shall be borne by the Seller and he shall not claim any compensation in the event of such sample being found unacceptable by the Buyer / Consignee.
16. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
  - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - b. Execution certificate by client with order value.
  - c. Any other document in support of order execution like Third Party Inspection release note, etc.
17. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
  - (i) Single order of at least 35% of estimated bid value; or
  - (ii) Two orders of at least 20% each of estimated bid value; or
  - (iii) Three orders of at least 15% each of estimated bid value.Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
18. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Project Director, DUDC, Mandya A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgor. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in

place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**