

**Vehicle Dynamics Laboratory**  
DEPARTMENT OF MECHANICAL ENGINEERING - I.I.T. KANPUR

**Enquiry NO: ADA/ME/20100100/VDL/11-12/10**  
**Closing date: 02<sup>nd</sup> March 2012**

To,  
M/s.....  
.....

**Subject: Enquiry cum Call of Quotations for purchase of Multipurpose Digital Inertial Measurement Unit & Speed Sensors for testing of automotive engines & Passenger Cars etc.**

Dear Sir/Madam

Sealed quotations are invited by the undersigned for the purchase of items as mentioned in the subject line with the following specifications. It is requested to the original equipment manufacturers/ their distributors or authorized suppliers or research labs dealing in such type of items to send their quotations latest by 02<sup>nd</sup> March 2012 with the entire relevant document in support of their bid. Incomplete bids will be rejected.

Sr No:	Name of item	Specifications:	Quantity.
1.	Wired: IMU	Measurement: Triaxial Acceleration, Range +/- 4g Resolution: Better than 10 mg Bandwidth: Static to up to 1.2 kHz/axis Connectivity: USB Dimensions: Upto 20mmx20mmx20mm	01 Set
2.	Wireless: IMU	Measurement: Triaxial Acceleration, Range +/- 4g Resolution: Better than 10 mg Bandwidth: Static to up to 1.2 kHz/axis Connectivity: wireless not less than 5 meters Dimensions: Upto 20mmx20mmx20mm	01 set
3.	Speed Sensors: Hall Effect Based Contactless	Measurement: Angular Speed Type: Hall Effect Based Contactless Range: 1000 rpm Connectivity: CAN Output Dimensions: Upto 20mmx20mmx20mm	08 Set

Term & Condition.

1. Payment: 90 % against delivery ,installation & testing & balance 10 % within 12 Weeks.
2. Taxes: as applicable

3. Delivery: earliest possible time
4. Warranty: Minimum one year.
5. Validity of quotation: 60 days.
6. Inspection: to be carried out at our place.
7. The quantity mentioned in this enquiry is and shall be deemed to be only Approximate and will not in any manner be binding on the Institute.
8. The complete purchase process may be cancelled for any unseen reason.

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