

INDIAN INSTITUTE OF TECHNOLOGY-KANPUR  
(Department of Mechanical Engineering)

Subject: Request for uploading the Tender Documents on institute web site.

Enquiry Number: BB/NSV/2014-2015-03      Closing date: 14.11.2014

Through: Head Mechanical Engineering

Name of Item:

**3-axis Gyro Sensor with its electronics, suitable packaging which could be easily installed on the already instrumented existing indica car. (the car can be inspected in vehicle dynamics lab established in the MT section area.**

Quotations are invited for the item as mentioned above in a sealed envelope in a two bid system (Separate Envelops for Technical & Price Bid) by the under named for our project work.

**Specifications:**

1. Size: 50mm x 40 mm x 30 mm or less
2. Mounting: M3/M4 CSK screws
3. Output Data type: 3 axis analog output, 5 Volt Output
4. Angular Rate range: +/-250 deg/ sec,
5. Sensor bandwidth: 2 KHz
6. Sensor Stability: 25 deg/hour or less
7. Temperature Sensor: Yes
8. Other requirements: Industrial grade, rugged metal housing, extremely high vibration rejection over a wide frequency range
9. Electrical Interface: DB15 Micro D connector
10. Power Supply: 12V-24V DC
11. Self Test: Test pin for conducting self test on digital command
12. Shock Survivability: 10,000 g
13. Operation: -40 to 100 deg C

Terms:

1. Payment: As per IITK Norms
2. Taxes: As applicable
3. Validity of Quotation 60 Days
4. Inspection to be carried out at our place
5. Attach propriety certificate & end use format if applicable
6. Warranty: one year
7. Indenter having rights to reject any/all the tender without assigning any reason.
8. Delivery of Goods should FOB/FCA basis.
9. Scope of work includes supply of above item, installation on the existing instrumented car & to help our team to collect the data as and when required within the warranty period.

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