

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

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

Enquiry Number: BB/NSV/2014-2015-04 Closing date: 14.11.2014

Through: Head Mechanical Engineering

Name of Item: Tender for Testing & Data Collection from a Vehicle and LabVIEW based Signal Processing.

Sealed 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.

Data is to be collected under dynamic and regular usage of vehicle under healthy & unhealthy conditions. The scope of work is to collect data from an existing Instrumented small vehicle using the Data Acquisition System and Software provided by IIT Kanpur. The required sensors, Instrumentation shall be provided by IIT Kanpur.

The agency provided with the contract shall collect the data from multiple sensors instrumented in a car under healthy & unhealthy conditions. The various sensors instrumented in the car include Accelerometers, Pressure sensors, Travel Sensors and Thermocouples. The data collection shall also be done for simulated faults in the car under different operating conditions as guided by IIT Kanpur. The data collected shall be transferred to IIT Kanpur.

The agency is also required to do LabVIEW based Signal Processing on the collected data as per IIT Kanpur requirement under their guidance. The directions and algorithms will be provided by IIT Kanpur on the Signal Processing and the agency would develop application to do the Signal Processing on the collected data and provide facility to store the analyzed data and export the data to Excel Sheet.

The duration of Data Collection is expected to be between one to two weeks. The quote must include the Technical Qualifications and Experiences of the agency and its representative in carrying out such similar works.

Terms & Conditions:

1. Enquiry will be sent by courier / registered post / speed post and IIT Kanpur will not be liable for any kind of irregularity/delay.
2. The quotation should be enclosed in a properly sealed envelope addressed to the undersigned.
3. The quantity mentioned in enquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
4. The Rate offered should be free delivery to IIT Kanpur.
5. The amount of taxes, packaging, forwarding freight etc. and warranty/guarantee period should be clearly mentioned by percentage or lump sum.
6. The delivery period should be specifically stated.
7. The firms are requested to give detailed description, specification, leaflets and literature of the articles quoted.
8. Quotation should have validity of at least 90 days from the date of opening. Inspection: to be carried out at our place.
9. Please attach proprietary certificate if it is applicable
10. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
11. The penalty @ 1% per week or part thereof subject to a maximum of 10% of the delivery price will be deducted from the balance payment if supply is not completed within stipulated period.
12. Our standard payment terms & condition is 90% against delivery and 10% after inspection and approval.
13. Delivery of Goods should FOB/FCA basis.

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