



**Department of Mechanical Engineering
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India**

Sameer Khandekar
Professor
Room: SL-109
Tel: #-(0512)-259-7038
E-mail: samkhan@iitk.ac.in

Date: 07/08/2017

Enquiry number: PCTS/ME/2017/112

Subject: Web Enquiry: Extension of date for the quotation submission

We are planning to purchase thermal conductivity based gas sensors to measure helium/hydrogen concentration for our research work. The specifications should be strictly as follows:

Technical Specifications:

1. Working media: mixture of helium/hydrogen and air
2. Measurable component: hydrogen and helium
3. Measuring range in volume percentage: 0 to 100%
4. Measurement speed: More than 1 Hz
5. Sensitivity: 0.01 of full scale
6. Working temperature range: 0-50°C
7. Operating pressure: 0- 1 bar (gauge)
8. Humidity range: 0-100% RH.
9. Digital communication preferably with USB
10. Input Voltage: 5 Volt @ 20 mA
11. Temperature and humidity must be compensated
12. Compatible quantitative analysis software with multi-output capability for 5 for more sensors

Kindly send hard copy of your offer at the following address before ~~05 August, 2017~~. The offer must contain the usual terms and conditions of supply, tax, freight charges, offer validity, warranty, educational discount, and delivery period etc.

Quotations may be submitted up to 10th August 2017.

Important: Technical and financial offers must be packed separately.

Thanking you,

Sameer Khandekar
SL-109, Phase Change Thermal Sciences Laboratory
Indian Institute of Technology Kanpur (INDIA) 208 016
Phone: 0512-2597967, e-mail: cgoswami@iitk.ac.in