

Department of Chemical Engineering  
Indian Institute of Technology  
Hauz Khas, New Delhi – 110016  
Ph(Off): 91-11-26591020, 1021  
Fax: 91-11-26591020, 26581120

14<sup>th</sup> of March, 2012

IITD/BCHE/Stores/PLN03/BCHE/2011-2012/Flue Gas Analyzer

Sealed Technical and Commercial Quotations are invited separately for the Purchase of one **Flue Gas Analyzer for Petrol and Diesel engines (QTY – ONE)** of the following major specifications. You should quote **for various options as indicated in specifications**. Your Quotation should reach latest by 29/03/2012 by 5:00pm to the Head of the Department; your specifications should be super scribed by our reference number.

**Specifications:**

1. Flue Gas Analyzer : for Petrol and Diesel Engines
2. Gases to be analyzed: CO, CO<sub>2</sub>, O<sub>2</sub>, NO<sub>x</sub>, Hydrocarbons
3. Measurement Range: CO- 0 to 10% volume  
CO<sub>2</sub> - 0 to 20% volume  
O<sub>2</sub> - 0 to 25% volume  
NO<sub>x</sub> - 0 to 5000 ppm volume  
Hydrocarbons - 0 to 20000 ppm volume
4. Resolution: CO –0.01% volume  
CO<sub>2</sub>–0.1% volume  
O<sub>2</sub>–0.01% volume  
NO<sub>x</sub>–1 ppm  
Hydrocarbons – 1 ppm
5. Power: AC220V±10% 50Hz±1Hz
6. Output: RS232
7. Internal Printer: option 1-with internal printer; option 2-without internal printer
8. Service Warranty: option 1: 2 years; option 2: 3 years

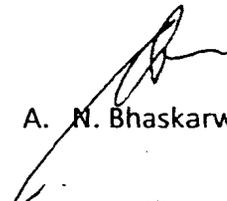
**Terms and Conditions:**

1. Letter from the manufacturer specifically to quote for this tender is to be attached for authenticity of dealership/ agency and the dealer should be authorized service provider.
2. Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope should be submitted.
3. Special discount / rebate wherever admissible keeping in view that the supplies made for educational purposes in respect of the public institution of national importance may please be indicated.
4. Taxes, terms and conditions should be clearly mentioned. The rates quoted must be at CIF Delhi price.

5. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
6. The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.
7. Firm MUST provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed, with the company seal by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects ( as per IIT-Delhi rules).
8. The Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope ( super scribed "Quotation for **FLUE GAS ANALYZER**") should be addressed to:

Dr. A. N. Bhaskarwar,  
Head of the Department - Department of Chemical Engineering,  
Room No.: 278, Block 2,  
Indian Institute of Technology,  
Hauz Khas, New Delhi – 110016,  
INDIA

and should reach by 5:00 PM March 29, 2012.

  
A. N. Bhaskarwar

HEAD  
Department of Chemical Engineering  
Indian Institute of Technology, Delhi  
Hauz Khas, New Delhi-110016