

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
Jadavpur, Kolkata - 700032

TENDER NOTICE No. IACS/PC/TC-5/DST-SERC/2012-13

DATE: 13.06.2012

Sub: Tender for a fast solenoid nozzle driver

Sealed tender in two bids system (**Technical Bid & Financial bid**) is invited from bonafide, resourceful and eligible manufacturers/exclusive distributors for a fast solenoid nozzle driver for generation of supersonic molecular beam for use in laser spectroscopy studies. The last date for receiving the tender is **June 29, 2012** up to 12.00 P.M and will be opened on the same day at **2:20 p.m.** in the J C Bose meeting room of the institute. Manufacturers/ exclusive distributors should have past history of supplying this type of instrument to this or other Scientific Organizations.

Tender Form: Tender should be submitted to Professor T Chakraborty, Physical Chemistry Department, IACS, Jadavpur, Kolkata-700032 in plain paper or Letter Head separately in the forms of Technical and price Bids both enclosed in a single envelop.

A). TECHNICAL BID:

Technical Specifications of solenoid nozzle driver

Purpose: To drive a solenoid valve that discharges pulse gas flow from high pressure into vacuum, and generates pulse supersonic molecular beam

Pulse duration: Variable from 50 microseconds to several tens of milliseconds

Compatibility: High Vacuum

Output: High Voltage Nozzle opening pulse and synchronous 5 volts TTL

Trigger: External as well as internal

Repetition rate: 0.5 Hz to 500 Hz

Warranty: 1 year

Service facility: Supplier should mention their details of service setup and Manpower at Calcutta who will be responsible for after sales support. Response time should be within 24 hours

B). FINANCIAL BID:

The financial bid should be super scribed as “**Finance Bid**” on the outer cover of the envelope.

C) GENERAL INSTURCTIONS:

1. There should be two separate envelopes duly sealed for two bids and should be super scribed with (a) Technical Bid, and (b) Financial Bid and both these sealed envelopes are to be put in a bigger envelope which should also be sealed.
2. Tender Notice Number should clearly be written on the envelope.
3. The tender submitted shall remain valid at least for three months from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent
4. The tender addressed to Professor T Chakraborty, Indian Association for the Cultivation of Science, 2A Raja S. C. Mullick Road, Jadavpur, Calcutta-700032 may be dropped at the Physical Chemistry Department of IACS.
5. Incomplete tenders will be summarily rejected.
6. Acceptance of Tender: IACS authority does not bind itself to accept the lowest tender and reserves the right to reject any or all the tenders received without assigning any reason thereof.

REGISTRAR

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