



Institute of Physics

(An autonomous Research Institute of Dept. of Atomic Energy, Govt. of India)
P:O: Sainik School, Bhubaneswar – 751 005, India

GLOBAL TENDER NOTICE NO. 04/2008-09

Last date for receipt of the sealed quotations: Upto 3 P.M. of 29.12.2008

Sealed quotations are invited from leading manufacturers and / or their accredited associates for supply, installation, testing & commissioning of

1. Vibrating Sample Magnetometer Equipped with a Superconducting Quantum Interface Device (SQUID) sensor – 01 No.
2. Portable Liquid Helium (He) Plant (Capacity- 18Ltrs./day) – 01 No.

Detailed technical specifications and other terms & conditions for supply of the above equipments can be obtained by downloading the same from the Institute's official website: www.ioph.res.in . Quotations should be submitted in sealed envelopes in two parts separately, i.e. "Technical bid" (Part- A) & "Financial bid" (Part-B). Both the parts should be further sealed in an envelope super scribing the name of the Item.

The technical bid will be opened on 31.12.2008 at 11.00 AM. The price Bid of the only technically qualified bidders will be opened at a later date with prior intimation to the respective bidders.

The Institute reserves the right to accept or reject any or all quotations either in full or in part without assigning any reasons thereof.

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TECHNICAL SPECIFICATION:

1) Specifications for a SQUID Vibrating Sample Magnetometer

Institute of Physics, Bhubaneswar requires a Vibrating Sample Magnetometer equipped with a superconducting quantum interference device (SQUID) sensor. The quoted system should have the following specifications or better.

Magnetization measurement sensitivity: better than 10^{-8} emu
Magnetic field range: + 7 Tesla to -7 Tesla
Operating Temperature: 1.8 K to 400K
Cooling rate: better than or equal to 30K/min
Temperature stability: minimum +/-0.5%
Temperature accuracy: minimum +/- 1%
Pulse-tube cryocooler- Dewar system.

2) Specifications for a Portable Helium liquefier

Institute of Physics, Bhubaneswar requires a helium gas liquefier for the purpose of supplying liquid helium to small laboratory. The quoted system should have the following specifications or better.

Liquid He out put: minimum 18 liters/day
Minimum maintenance and man power requirement
Dewar assembly, required sensors, gauges and valves.
He gas recovery line.

Commercial Terms & Conditions:

1. Price:

The price required to be quoted on Ex-works and FOB (*inclusive of necessary export packing cost*). This does not include the applicable duties & taxes. The price quoted in the tender required to be quoted in ink, both in figures & words. In case of any discrepancy, the rate quoted in figures will be accepted.

2. Price Validity: -

The price validity of the quotation should not be less than six months from the date of opening of the tender.

3. Specification and quantity: -

The specification as well as the configuration and quantity of the equipment are required to be strictly as per the requirement of the indenter.

4. Payment: -

The payment will be made against letter of credit (L/C). 90% of the L/C value will be released against successful delivery of the consignment at IOP site and balance 10% will be released after successful installation, commissioning of the system against submission of

performance bank guarantee of equivalent amount (10%) valid for the entire warranty period. The bank guarantee required to be issued by a nationalized bank.

5. Bank charges: -

The bank charges inside India to the applicant account and outside India to the beneficiary account.

6. Warranty: -

The system required to be warranted against manufacturing and functional defects for 1 year or 15 months from the date of successful completion of installation, commissioning.

7. Liquidated damage: -

The liquidated damage is to be collected @ 0.5% of the total value per delayed week or part thereof or 5% (aggregate) of the total order value if such case arises.

8. Installation and testing: -

Installation and testing of the system at our site with your Instruments, accessories, tools & tackles; deploying appropriate manpower as required, at your cost.

9. Supply of spares:

Supply of spares should be ensured for at least for 3 years from the date of supply.

10. Experience:

Details of the client list for supplying similar type of instruments have to be submitted.

11. Agent:

An Indian agent, if any, who will participate in this Tender on behalf of one manufacturer, will not be eligible to represent another manufacturer.

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