

**BY AIR MAIL/SPEED POST**

Enquiry No: PI/62/11

Dated: 23-01-2012

To

Dear Sirs,

The Institute of Minerals & Materials Technology, Bhubaneswar is a National Laboratory under aegis of COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (C.S.I.R.) under the Department of Scientific and Industrial Research, Government of India, which is carrying on Research and Development work and is not involved in any military or commercial activities. We are interested to import following items for R&D purposes as per the terms and conditions given below and overleaf.

SL. NO.	DESCRIPTION OF ITEMS	QUANTITY
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**1. Langmuir Probe**

**01 No.**

**I. Basic requirements of the system:**

- 1) Probe should be suitable for diagnosis of DC, RF and MW plasma
- 2) It should measure and show —
  - (i) I-V plasma characteristic, (ii) floating potential, (iii) plasma potential,
  - (iv) electron density, (v) ion density, (vi) electron temperature and
  - (vii) Debye length, (viii) electron energy distribution function
- 3) A second probe for reference and Debye length measurement
- 4) 0—300mm automatic movement of the probe for positioning
- 5) In situ self cleaning mode for probe cleaning
- 6) Probe mountable on 70 mm (o.d.) CF
- 7) Fully automatic data acquisition and display software along with a latest model laptop
- 8) System should work with 220-230 V, 50-60Hz, or a suitable transformer to be provided
- 9) Spares: (i) Tungsten probe tips- 5 nos, (ii) Molybdenum probe tips- 10 nos,
  - (iii) copper gaskets for 70 mm CF- 20nos (iv) rubber gaskets for 70 mm CF- 10 nos

**II. Installation and training:**

Free installation, commissioning and demonstration at IMMT, Bhubaneswar

**III. Warranty:** 3 years warranty

**IV. Optional items:** Quotation of AMC for 2 year after warranty

## TERMS AND CONDITIONS

- You are requested to send us your Quotation / Proforma Invoice separately in **Two Bid systems [ (i) Technical Bid (ii) Commercial Bid ]** and pamphlets duly indicating the
1. FOB/FOR price.  
Please send your quotation / Proforma Invoice to the following address : Director,
  2. Institute of Minerals & Materials Technology, Bhubaneswar, Orissa, India, PIN - 751 013
  3. Schedule of delivery to be followed strictly
  4. Part billing and partial shipment is strictly prohibited.  
Please mention the country of Origin, port of shipment, approximate weight and size of the packet / cartoon of the consignment in your offer are to be in mentioned in the
  5. quotation.  
**EMD : An Earnest Money of Rs.20,000/- in the form of DD/BG to be submitted along with bid(Technical). DD should be drawn in favour of Director, Institute of Mineral &**
  6. **Material Technology., Bhubaneswar payable at Bhubaneswar.**  
**PBG:** It may also please be noted that, in case, order is placed on you, the unconditional Performance Bank Guarantee for 10% of the total order value has to be submitted within
  7. 21 days from the date of issue of purchase order to cover the total warranty period and valid 60 days beyond expiry of warranty period.
  8. Director, IMMT reserves all right to cancel the order at any stage of procurement.
  9. **Last Date for submission of quotation is : 14.02.2012 at 5.00 P.M**
  10. **Date for opening of Technical quotation is : 15.02.2012 at 3.30 P.M**  
Quotation / Proforma Invoice must be superscribed with our enquiry number and date of
  11. opening.
  12. Advance payment is not admissible.
  13. Director Reserves all right to accept or reject any Tender in part/full
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Yours faithfully

Section Officer (S&P)