

**DEPARTMENT OF ENGINEERING DESIGN
INDIAN INSTITUTE OF TECHNOLOGY MADRAS**

Ref.No.DEPT/ED/2015-16/01/SUSTAINABLE MANUFACTURING LAB

Date: 01 February,2016

Due Date: 22 February,2016

INVITATION FOR QUOTATIONS FOR SUPPLY OF MICRO-HARDNESS TESTER

Dear Sir/ Madam,

1. Quotations are invited in duplicated for the various items shown below over leaf/enclosed list.
2. The quotations are to be **two parts – one Technical Offer and one Commercial offer**.
The two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in separate envelopes must be enclosed in the one bigger envelope duly sealed and super scribed with reference number and date and due date must be addressed to the under signed so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for **(90) ninety days** from the date and period of delivery required also be clearly indicated.
4. If the item is under DGS & D Rate Contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether supply can be made direct to us at the rate contract price. If so, please send copy of the R.C (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the quotations, wherever applicable. Samples if called for should be submitted free of cost charges and collect back at the supplier's expenses.
6. Local firms to quote for free delivery to this Institute. If quoted for Ex – Godown delivery charges be indicated separately.
7. Firms outside Chennai: Quotations should be for F.O.R Chennai / F.O.B. Chennai / CIF Chennai (Including Insurance and Freight Charges). If Ex-Works, Packing, forwarding and freight charges must be indicated.
8. Sales Tax/General Taxes /ED if applicable and such other taxes legally leviable and intended to be claimed should be distinctly shown along with price quoted. If this is not indicated no such claim will be admitted at any stage. The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to Non – Government Educational institutions run with no profit motive for which a concession is given. Sales Tax certificate will be issued at the time of final settlement of the bill.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill /acceptance of goods, whichever is later.
12. The Warranty of the item should be at least 12 months.
13. The Guarantee period of the item may be indicated clearly.
14. In case of LC. Payment 90% of the payment will be made after completion of the supply. The balance 10 % of the payment will be made after satisfactory installation of the equipment.
15. IIT Madras is exempt for payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand.IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport /Seaport. Hence the price should not include the above charges.
16. **Acceptance and Rejection:-** IITM has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

The sealed Quotation to be sent to

Dr.BALKRISHNA C RAO
DEPARTMENT OF ENGINEERING DESIGN
INDIAN INSTITUTE OF TECHNOLOGY
CHENNAI – 600 036. PHONE No. 044-22574660 / 22574730 / 22575630

Department of Engineering Design
Indian Institute of Technology Madras
Chennai - 600 036, India

N. J. Vasu
विभागाध्यक्ष / Head
अभियांत्रिकी अभिकल्प विभाग
Department of Engineering Design
आई आई टी मद्रास, चेन्नै-६०० ०३६
IIT Madras, Chennai-600 036.

You may kindly provide a quotation for Micro-hardness Tester with the following specifications

The micro-hardness tester should have the following features:

1. Measure both Vickers and Knoop micro-hardness values with different indenters on same machine.
2. The microscope should have a lowest resolution of scope should be 0.01 microns.
3. Loads should be from 10 gf to 1 Kgf
4. Room for as wide a range of magnification for scope as possible.
5. Should have appropriate compensations for surface such as cylindrical etc.
6. X-Y table with enough movement to accommodate specimen with maximum dimensions of 60 mm x 60 mm x 20 mm.
7. Possess built in processor with display for computing and reporting micro-hardness values.
8. Provision for attaching camera and a computer.



Dr. BALAKRISHNA C. RAO

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