



एच॰ई॰सी॰

ISO 9001:2000

**HEAVY MACHINE BUILDING PLANT**  
**HEAVY ENGINEERING CORPORATION LIMITED**  
(A Govt. of India Enterprise)  
Ranchi - 834 004 (INDIA)

Phone : 0651-2401271, 2401349  
Fax : 0651-2401166, 2401571  
E-mail : [purhmbp@hecltd.co](mailto:purhmbp@hecltd.co)

**Materials Management Division**

**LIMITED TENDER**

**No.PUR/HMB/12/250195/LE- 3192**

**Dated: 13.03.2012**

Dear Sir,

We request you to submit your most competitive offer for the following item as per the given Schedule.

Sl. No.	Description of Stores	Unit of Measure	Nos. of unit	Remarks
1	Portable & Digital Ultrasonic Hardness Tester (Imported – except China make). Technical Specification as per enclosed Annexure confirming to Model SH-21-E2 of SONOHARD or Equivalent.	No.	01	

Time and date of receipt of Tender is upto 1.00 PM on **16.04.2012** in the office of MM Division, HMBP, Ranchi during working hours. Opening of Tender is on **16.04.2012 at 3.00PM**. TENDERS must be submitted in sealed cover with Tender No. and the Due date of opening super scribed on it failing which Tenders may be ignored.

**Important Instruction:**

1. Quotation to be submitted in two bids system i.e. Part I :Techno Commercial Bid, Part II: Price Bid. The Part I & II offers shall be in separate sealed covers, superscribing on the Top of each envelope relevant Part No., Description alongwith tender reference no. and date of opening. For details please visit our web site [www.hecltd.com](http://www.hecltd.com).
2. Rate to be Quoted on FOR destination i.e. HMBP Store, Ranchi basis only. Freight charge is to be borne by the supplier.
3. The applicable rate of excise duty on the date of submission of offer should be clearly indicated, if excise duty is not applicable or Nil it should be clearly mentioned in the offer. Confirm whether EDGP will be provided or not for availing CENVAT, if ED is applicable.
4. Firm delivery: In days/weeks/months to be clearly mentioned. Please note that delivery term offer with "Ex stock "is not acceptable.
5. Amount of sales tax should be clearly mentioned in the offer.
6. The Techno- Commercial Bid should contain the unpriced schedule of the items with the following details:-
  - I) Price : F.O.R. Destination I,e, Store/ HMBP, Ranchi.
  - ii) Payments :
  - III) Excise duty:
  - IV) Cess duty :
  - V) Sales Tax :
  - VI) Delivery :
  - VII) Inspection :
7. Delivery Schedule: within 06 weeks from the date of placement of order.
8. EMD (Earnest Money ) is to be submitted along with the offer in separate sealed envelope super scribing EMD, on it without mentioning the amount of EMD on the envelope. The amount of EMD is not to be written anywhere in the Technical bid, otherwise that tender will be treated as invalid tender. Only DD No. is to be mentioned in the technical bid and on the envelope also.The tenderers are

instructed to clearly super scribe on the top of the envelope the relevant part number and description along with tender reference number and date of opening.

**NOTE:**

1. The rate quoted shall be inclusive of all packing & forwarding. Freight charges to be mentioned separately.
2. The Price quoted by the tenderer should be exclusive of sales tax. The rate and nature of sales tax applicable should be shown separately. Sales tax will be paid to the seller at the rate at which it is liable to be assessed or has actually been assessed on the date of supply provided the transaction of sale is legally liable to sales tax and within the delivery period. Any change on the taxes & duty structure beyond the delivery period will not be considered by HEC.
3. The rates quoted must be firm and the offers made must remain open for acceptance for three months from the date of opening of the tender.
4. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature.
5. Delivery date offered must be specified and guaranteed.
6. 100% payment will be made ready a/g Tax Invoice along with GC& TC of Original manufacturer However cheque will be handed over after receipt and acceptance of material in our stores and submission of final bill.
7. Full particulars i.e. specification, literature and/or drawing wherever applicable should be submitted along with the quotation. The brand and 'Make' name must be indicated.
8. The Corporation does not pledge itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of tender or portion of the quantity offered and you shall supply the same at the rate quoted.
9. Order placed as a result of this tender will be subject to the Corporation's General Terms and Conditions of contract which can be down loaded from our website ([www.hecltd.com](http://www.hecltd.com)).
10. Corporation reserves the right to call for and examine at any time the books of accounts and other documents and papers of the firm for the purpose of ascertaining whether any excess payments has been made or the firm is likely to receive / has received undue benefit out of execution of the particular contract.
11. **Earnest Money - Earnest money to the extent of 2% of the offered value will have to be deposited by demand draft on the State Bank of India, Ranchi Hatia Branch, in favour of Heavy Engineering Corporation Ltd. Ranchi.- 4.**
12. **Security deposit** : Successful tenderer has to deposit a security amount of 5% of the ordered value in the form of DD within 21 days of placement of order.
13. **Delivery**: The time for and the date of delivery of the Stores stipulated in the acceptance of tender shall be deemed to be the essence of the contract and delivery must be completed not later than the dates specified therein. Otherwise:
  - a) The purchaser to recover from the contractor a sum of 0.5% per week (completed week) of the price of the stores(upto maximum 10%) as liquidated damages, which the contractor has failed to deliver as aforesaid or,
  - b) The purchaser may procure the undelivered stores / similar items from elsewhere, without notice o the contractor at the risk of the contractor without canceling the contract in respect of the consignment not yet due for delivery or,
  - c) To cancel the contract or a portion thereof.
14. There is no obligation on our part to accept delayed / late tenders. Tenders received after the due date of opening are liable to be summarily rejected.
15. Validity of tender should be at least 90 days from the date of opening of tender.

Signature of Purchase Executive  
Sr.DGM/Pur/HMBP

**Specification for Portable & Digital Ultrasonic Hardness Tester**

Measuring Indentor	Diamond Indentor
Test Load	Approx. 2KgF (roughly 20N)
Measuring Range	1. Rockwell Hardness HRC 10-70 2. Vickers Hardness HV 50 – 999 3. Shore Hardness HS 20.0 – 99.9 4. Brinell Hardness HB 85 - 550
Reproducibility	HRC : $\pm 1.0$ HRC , HV: $\pm(3\%$ of rdg. value) HV HS : $\pm 1.0$ OHS, HB : $\pm(3\%$ of rdg. value) HB
Applicable Test Materials	With steel as the principle material, other metallic materials may also be measured by calibrating against a standard hardness test block.
Display of measured values	Digital display (LCD, 4 Digits) with EL backlight.
Data Memory	1000 Pieces (Min.)
Digital Display Units	1HV, 0.1HRC, 0.1HS, 1HB, 1N/mm <sup>2</sup> (tensile strength)
Allowable operating Temperature	Upto 50°C
Power source	AC adapter (100 – 240V) or Lithium ion rechargeable battery
Continuous operating hours	4 – 5 Hrs.
Alarm	Yes
Conversion	HV, HRC, HS, HBN/mm <sup>2</sup> according to JIS B7731.ASTM E 140 DIN 50150
Standard components	1 display unit, 1 probe, 1 hardness standard test block (around HRC55). 1 probe cable 1.5m long, 1 AC adapter 100~240V, 1 recharger. 1 lithium ion, battery & 1 carrying case

**Note :**

**1 No. extra Probe & 1 No. extra probe cable (1.5m long) are required along with above mentioned standard accessories.**