

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - “PROCUREMENT OF HARDNESS TESTER”

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

## INVITATION TO APPLY FOR ELIGIBILITY AND TO BID

### ***“PROCUREMENT OF HARDNESS TESTER”***

#### ***General Specifications***

Type of hardness test

Rockwell Table Top Hardness Tester

Screen Display:

Test Result, Test Status & Scale

Digital-LCD

Test Result, Test Status & Scale

Hardness scale / Display

A,B,C,D,E,F,G,

H,K,L,M,P,R,S,V

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - "PROCUREMENT OF HARDNESS TESTER"

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

15N, 30N, 45N,
15T, 30T, 45T,
15W, 30W, 45W,
15X, 30X, 45X,
15Y, 30Y, 45Y

Regular Rockwell +
--------------------

 Rockwell Superficial Hardness Tester

Minor Load/ Preliminary Load
------------------------------

N: 29.42 & 98.07
Kgf: 3 & 10

Test Load
-----------

N: 147.1 294.2 441.3
Kgf: 15 30 45
N: 588.4 980.7 1471
Kgf: 60 100 150

Minimum Reading /
-------------------

 Resolution

HR
----

Operation During Testing:
---------------------------

 Test Force Setting, Application and Start-Up (for Minor and Test Load

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - “PROCUREMENT OF HARDNESS TESTER”

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

Automatically operated and can be manually operated

Dwell time

1-99 sec

Minimum Standard/ standard compliant\ (Hardness Conversion)

ASTM E-18

Easy Load Selection

Provision for easy selection of test loads

Range of Specimen height  
(Vertical testing capacity)

0.5-180mm  
(Note: accessories may decrease available capacity)

Max. specimen depth

INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - “PROCUREMENT OF HARDNESS TESTER”

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

150mm

Power supply

Single Phase

AC 100 – 240V, 50/60HZ

Standard Accessories

Hardness Tester Blocks	(min)
2 – HRC	
1 – HRB	
1 – H30N	
1 – HR30T	
Diamond indenter (for superficial & twin type)	Steel ball indenter (Ø 1/16” / Ø 1.588mm) Spare s
Spare indenters used for	HRB, HRF,HRG & HRxxT scales
Anvil-flat (Ø 60mm) & V-shape (large)	Power cable (3p-2.5mm)
Level adjusting leg	
Machine cover and accessory box or equivalent kit	
Instruction and maintenance manual (English)	Cost for commissioning of the machine and turnkey

Others

## INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - "PROCUREMENT OF HARDNESS TESTER"

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

The digital hardness tester maybe equipped with data storage for evaluation or analysis and

1. The METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER through the project Development of Vacuum Oil Quench Heat Treatment Furnace, intends to apply the sum of **Seven Hundred Thousand Pesos (Php 700,000.000)** being the Approved Budget for the Contract (ABC) to payments under the contract for **"Procurement of Hardness Tester"**

2. The **METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER (MIRDC)** now invites bids for **"Procurement of Hardness Tester"** located at Gen. Santos Ave., Bicutan, Taguig City. Delivery of Goods is **Forty-five (45) calendar days**

3. Bidders should have completed, within **THREE (3) YEARS** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly in Section II. Instruction to Bidders (ITB).

4. Bidding will be conducted through open competitive bidding procedures using non-discretionary pass/fail criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act 9184 (RA 9184), otherwise known as the "Government Procurement Reform Act"

5. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines.

6. Interested bidders may obtain further information from **Ms. Nimfa O. Usero**, BAC Secretariat, MIRDC and inspect the Bidding Documents at the address given below during office hours, from **9:00 A.M. to 4:00 P.M.**

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - "PROCUREMENT OF HARDNESS TESTER"

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

7. A complete set of Bidding Documents may be purchased by interested Bidders on **January 31, 2013 until the deadline for the submission of bids**, from the MIRDC BAC Secretariat, , Ground Flr., Laboratories Bldg., upon payment of a nonrefundable fee for the Bidding Documents in the amount of **Seven Hundred Pesos (Php 700.00)**

8. The MIRDC-BAC will hold **Pre-Bid Conference on February 7, 2012 at 9:00 A.M. at the MIRDC Conference Room, 2nd Floor, MIRDC Laboratories Building, MIRDC Compound, Gen. Santos Ave., Bicutan, Taguig City** which shall be limited only to all interested parties who have purchased the Bidding Documents.

9. Bids must be delivered not later than **February 20, 2013 between 8:00 A. M. to 8:30 A.M. only at MIRDC Conference Room, 2nd Floor, MIRDC Laboratories Building, MIRDC Compound, Gen. Santos Ave., Bicutan, Taguig City**. All bids must be accompanied by a bid security in any of the acceptable forms in the amount described in ITB Clause 18.

Bid opening shall be on **February 20, 2013, 9:00 A.M. at the MIRDC Conference Room, 2nd Floor, MIRDC Laboratories Building, MIRDC Compound, Gen. Santos Ave., Bicutan, Taguig City**. Bids will be opened in the presence of the bidders' representatives who choose to attend. Late bids shall not be accepted.

10. The Complete Schedule of Bidding Activities is summarized as follows:

## Activities

S	c	h	e	d	u	l	e
---	---	---	---	---	---	---	---

 Time

## Venue

1. Posting of	Invitation to Bid
---------------	-------------------

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - "PROCUREMENT OF HARDNESS TESTER"

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

January 14, 2013

2. Issuance of Bid Documents

January 31, 2013

9:00 am to 4:00 pm

MIRDC-BAC Secretariat, Ground Floor, MIRDC Laboratories Bldg.

3. Pre-bid Conference

February 7, 2013

9:00 A.M

MIRDC, Conference Room, 2nd Floor, Laboratories Bldg.

4. Submission of Envelopes

February 20, 2013 between 8:00 A.M. to

8:30 A.M.

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - "PROCUREMENT OF HARDNESS TESTER"

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

MIRDC, Conference Room, 2nd Floor, Laboratories Bldg.

5. Opening of Envelopes

February 20, 2013

9:00 A.M.

MIRDC, Conference Room, 2nd Floor, Laboratories Bldg.

11. The Bidders shall submit **three (3) copies** of their duly accomplished eligibility requirements and Technical and Financial Proposal in **two (2) separate sealed envelopes**.

12. The participating bidders/contractors should have completed a similar project of at least 50% of the ABC, and have the key personnel and equipment, (listed in the eligibility forms) available for the prosecution of the contract. The BAC will use non-discretionary pass and fail criteria in the eligibility Check/Screening as well as the examination of the bids. The BAC will conduct post qualification of the lowest calculated bid.

13. The **METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER (MIRDC)** reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

For further information, please refer to:

# INVITATION TO APPLY FOR ELIGIBILITY AND TO BID - "PROCUREMENT OF HARDNESS TESTER"

Written by Judy Azores, MIRDC  
Thursday, 24 January 2013 01:54

---

Signed

**ATTY. TRIxie HAZEL C. VELUZ**

BAC Chairman

Metals Industry Research and Development Center

Tel. No. 837-0431 local 442 and 444

Fax No. 837-0430

Approved for Posting:

Signed

**AGUSTIN M. FUDOLIG, Dr. Eng.**

OIC - Office of the Executive Director