



ISO 9001:2008

TENDER

FOR

SUPPLY

of

**Digital Ultrasonic Flaw Detector &
Electro Magnetic Yoke Equipment for AC & DC Magnetization**

Tender No. - NTSC/WST/Trg.Kit/2015-16/83

NSIC- Technical Services Centre

(A Government of India Enterprise)

Okhla Industrial Estate, Phase III

Near Kalkaji Mandir

New Delhi-110020

Tel No. 011-26826848, 26826797

Fax: - 011-26826783

Email: ntscok@nsic.co.in

Website: www.nsic.co.in

**NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi**

Ref: -NTSC/WST/Trg.Kit/2015-16/83

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**NSIC TECHNICAL SERVICES CENTRE,
Okhla Industrial Estate,
New Delhi**

Ref:- NTSC/WST/Trg.Kit/2015-16/83

NOTICE INVITING TENDER

NSIC-Technical Services Centre (NTSC), Okhla, New Delhi invites sealed tender in Two bid system (Technical & Commercial bid in two separate envelopes) from OEM/Authorized Dealer/Authorized Distributor for Supply of **Digital Ultrasonic Flaw Detector and/or Electro Magnetic Yoke Equipment for AC & DC Magnetization**, in their office at Okhla Industrial Estate, Phase-III, New Delhi.

The details are summarized below:-

a)	Name of Work	Supply of 1. Digital Ultrasonic Flaw Detector with color display for excellent visibility, Auto DAC plotting, Digital thickness/ distance measurements, trigonometric measurements of depth and surface distance in weld inspection, Memory of 200 AScan images and 50 set-up data, RS 232 for PC connectivity with transfer software which includes required specifications as mentioned in Annexure-A and/or 2. Electro Magnetic Yoke Equipment for AC & DC Magnetisation, UV Black Light with Integral Filter (High Intensity), Pie gauge, Gauss meter, Centrifuge Tube with stand, Calibrated Weight Lift Test Plate 4.5 kg. at site with required specifications as mentioned in Annexure-A
b)	Technical Bid	The details for submission of Technical Bid is placed at Annexure-‘A’
c)	Commercial Bid	The details for submission of Commercial Bid is placed at Annexure-‘B’
d)	Cost of Tender Documents	The tender document can be collected free of cost from the office of the General Manager of the centre w.e.f. 19th February, 2016 to 4th March, 2016 (except Sunday) between 09.30 to 15:30 hours. Alternatively tender form can be downloaded from our website <u>www.nsic.co.in</u> from 19th February, 2016 to 4th March, 2016.

e)	Earnest Money Deposit (EMD) along with Tender	The EMD of Rs. 2,000/- (Rupees Two thousand only) shall be submitted in the form of Cheque/D.D. in favour of ' NSIC Ltd.-NTSC A/c ' payable at New Delhi along-with the Technical Bid envelope while submitting the tender.
f)	Last date of submission of tender	Tender shall be received by 4th March, 2016 upto 15:30 hours at the office of the General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, New Delhi-110020.
g)	Date of opening of Technical Bid (Envelope-1)	The first envelope containing Technical Bid will be opened on 4th March, 2016 at 16:00 hours, at office of the General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Near Govindpuri Metro Station, New Delhi-110020.
h)	Date of opening of Commercial Bid (Envelope-2)	The date for opening second envelope containing Commercial Bid will be intimated to the qualified bidders separately.

Note: In case any further detail is required, the same can be collected from the office of General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, New Delhi from 19th February, 2016 to 4th March, 2016 (except Sunday) between 09:30 hours to 15:00 hours.

General Manager
NSIC Technical Services Centre
New Delhi

**NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi**

Ref: -NTSC/WST/Trg.Kit/2015-16/83

COMMERCIAL AND GENERAL TERMS & CONDITIONS

1. Submission of tender:

Sealed tenders in the two cover system should be submitted in the prescribed form and should be addressed to the General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, New Delhi-110020. The bigger envelope must be super-scribed "*Tender for the supply of Digital Ultrasonic Flaw Detector and/or Electro Magnetic Yoke Equipment for AC & DC Magnetization for Workshop training department*" with tender inquiry number and its due date. The two sealed envelopes inside the bigger envelope must be as under:

i) Envelope No-1: *The said envelope is for technical bid & shall be super-scribed as "Tender for the supply of Digital Ultrasonic Flaw Detector and/or Electro Magnetic Yoke Equipment for AC & DC Magnetization -Technical Bid"*

ii) Envelope No-2: *The said envelope is for commercial bid & shall be super scribed as "Tender for the supply of Digital Ultrasonic Flaw Detector and/or Electro Magnetic Yoke Equipment for AC & DC Magnetization - Commercial Bid".*

2. Authority of tenderer:

The Bidder shall be an OEM/ Authorized Dealer/ Authorized Distributor of equipment to deal with NSIC Technical Services Centre, Okhla Industrial Estate, Phase-III, New Delhi.

3. Duly filled in Tender:

All the columns of the tender shall be duly filled in. Any cutting/over writing in the tender must be signed by the person who is signing the tender. The rates shall not be overwritten. The financial part in commercial bid shall always be both in figures and words. In case of any discrepancy, amount mentioned in words will be considered for evaluation.

4. Rejection of Tender:

While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.

5. Earnest Money Deposit:

- a) An EMD of Rs. 2,000/- (Two Thousand only) shall be paid along with the tender (in Technical Bid) either by way of Cheque/DD drawn in favour of '**NSIC Ltd.-NTSC A/c**' payable at Delhi. The EMD will be returned to the unsuccessful bidders after the orders are placed on the successful bidder.

The unit registered with Central Purchase Organization i.e. DGS&D, NSIC or with the concerned Ministry or Dept. shall be exempted from the payment of earnest money under rule 157 of GFR, 2005. In such cases, the necessary certificate has to be enclosed along with the Technical Bid.

b) The EMD will be forfeited in following cases:

- I. If the bidder fails to accept the order based on his offer (bid) within the time stipulated in supply order.
- II. If the bidder fails to timely supply the equipment with specifications in compliance to as mentioned in Annexure –B.

6. Bid Price: The price shall be firm and shall include all applicable taxes and other charges. Any variation in the taxes duties, levies, charges, insurance etc. till the delivery of goods shall be to the Tenderer account.

7. Validity of tender: The tender shall be valid for a period of 45 days from date of opening of the Technical Bid of tender.

8. Opening of Technical Bid:

The Technical Bid shall be opened on 4th March 2016 at 16:00 hours, at the office of General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Near Govindpuri Metro Station, New Delhi – 110020. One of the authorized representatives of the bidder may present at the time of opening of the tender.

9. Opening of Commercial Bid:

The Commercial Bid of technically qualified tenderer will be opened on stipulated due date. The date & time for opening of Commercial Bid shall be intimated to the qualified tenderers. One of the authorized representatives may present at the time of opening of the tender.

10. Delivery:

- a) The successful tenderer shall complete supply within 10 days after acceptance of order.
- b) The equipment are to be delivered at NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, New Delhi along with the necessary & other related documents / reports for ensuring quality.
- c) The liability of equipment till commissioning and testing shall lie with the tenderer.

11. Packing: The machine and accessories shall be supplied in packed condition. Defective, broken or unsealed machine and accessories will not be accepted.

12. Payment:

- a) 80% payment will be made by the Corporation by account payee cheque subject to:
 - i. The tenderer sending bills in duplicate (original + copy) giving the reference number of the supply order along with copies of LR/delivery note.

- ii. The tenderer shall submit the document which shall clearly indicate proper supply, commissioning & testing of machines.
 - iii. Submission of commissioning and testing report duly certified by workshop in-charge.
- b) The balance 20% payment of total bill value will be released to supplier:
- i. After successful training on all functions of equipment supplied.
 - ii. Submission of indemnity bond on Rs. 100/- stamp paper towards commitment of supplier for services rendered during warrantee period.

13. Service Facility: In order to ensure proper and timely after sales service, manufacturer or authorized agency shall have network to deploy Service Personnel at short notice and attend the maintenance

14. Warrantee Period:

- a. The machines offered shall conform to the specifications as given in tender/order. The warrantee shall be against defective design, defective quality material supplied, manufacturing defects etc. for a minimum period of 12 months from the date of Installation & Commissioning of Machines or 15 months from the date of supplies whichever is earlier.
- b. The Tenderer have right to offer warrantee more than 12 months from the date of Installation & Commissioning of the Machines or 15 months from the date of supplies whichever is earlier.

15. General Manager, NSIC-Technical Services Centre reserves the right to reject the tender/ bid wholly or partly without assigning any reason and to restrict the list of qualified Tenderer for opening of commercial bid to any number deemed suitable by him from out of bids received.

16. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Delhi Court only.

We confirm with our acceptance to the Commercial & General Terms & Conditions (S.No-1 to 16) as given above.

Signature of the Tenderer with seal

**NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi**

Ref: -NTSC/WST/Trg.Kit/2015-16/83

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

1. Name of Tenderer:
2. Complete office address.....
3. Contact details of authorized person of tenderer who have signed the tender.
 - a. Name & Designation.....
 - b. Phone (office).....
 - c. Mobile number.....
 - d. E mail.....
4. PAN of supplier (copy to be enclosed).....
5. TIN of supplier (copy to be enclosed).....
6. Warranty Period..... (number of months from the date of supplies) &..... (number of months from the date of Installation & Commissioning of Machine).
Please note, as per clause 14 of Commercial and General Terms & Conditions, the minimum warrantee period is 12 months from the date of Installation & Commissioning of Machines or 15 months from the date of supplies, whichever is earlier. However, Tenderer may offer higher warrantee.

TECHNICAL SPECIFICATION

S No	Description of Items	Quantity	Unit	Accepted to supply as per description (Yes/No)
01	Digital Ultrasonic Flaw Detector with color display for excellent visibility, Auto DAC plotting, Digital thickness/ distance measurements, trigonometric measurements of depth and surface distance in weld inspection, Memory of 200 AScan images and 50 set-up data, RS 232 for PC connectivity with transfer software which includes (a) 14.4 Volts/4AH Li-Ion Rechargeable Battery Pack,	01	No.	

- (b) Battery Charger cum Mains Power Pack with Charge Status Indicator & Power Cord,
- (c) Special Leather Protective Case with shoulder sling and waist-strap.
- (d) Plastic molded Foam Fitted Carrying Case with lock for storage and transportation of complete kit.
- (e) Transfer software on CD-ROM
- (f) Data cord to interface with PC
- (g) Illustrated Instruction (Operation) Manual in English (Hardcopy & Softcopy)
- (h) Calibration Certificate as per ASTM-E317 - 06a traceable to NPL - Delhi.

Accessories:

(a) *Normal Probes:*

1. Normal Probe, 24 mm dia, 2 MHz. '0' Deg. angle with BNC Connector
2. Miniature Normal Probe, 10 mm dia, 4 MHz. '0' Deg. Angle with Mini Lemo Connector

(b) *Angle Probes*

1. Miniature Angle Probe, 9 x 8 mm, 45 Deg. 4 MHz. With Mini Lemo Connector
2. Miniature Angle Probe, 9 x 8 mm, 70 Deg. 4 MHz. With Mini Lemo Connector

(c) *Dual Crystal (T/R) Probes:*

1. Miniature Dual Crystal Probe, 10 mm dia 4 MHz., 6 Deg. Roof angle with Mini Lemo Connectors

(d) *Probe Cables:*

1. Probe Cable BNC to BNC, 2 Mtrs. long
2. Dual, BNC to Mini Lemo, 2 Mtrs. Long
3. Probe Cable, BNC to Mini Lemo, 2 Mtrs Long.

(e) *Reference/Calibration blocks*

1. V1 - Reference Block, IIW type, including wooden box with handle
2. V2 - Miniature Block including wooden box.
3. VW - Step Block, 10 steps from 1 mm to 10 mm, Material MS, including

	wooden box. (f) <i>Replaceable Protective Membranes:</i> 1. ES-24 – Replaceable Protective Membrane for Miniature Normal Probes of 10 mm dia (1 set = 10 Nos.) 2. ES-45 - Replaceable Protective Membrane for Normal Probes of 24 mm dia (1 set = 10 Nos.)			
02	Electro-Magnetic YOKE For AC and DC Magnetization <u>Standard Accessories:</u> a. ASTM Test Block. b. Puffer Bulb UV Black Light with Integral Filter (High Intensity) Magnetic Field Indicator (ASTME) (Pie Gauge), Residual Magnetic Field Indicator (Gauss Meter) + 10 Gauss (Calibrated), Centrifuge Tube with stand, Calibrated Weight Lift Test Plate 4.5kg.	01	No.	

Note:-

The Tenderer can participate for any one and/or both equipment. The technical and cost evaluation of tender shall be made on individual basis.

We hereby undertake the supply of items in Annexure-A

1. The documents as under attached-
 - a. Duly signed copy of page no 3 to 10 of tender document number NTSC/WST/Trg.Kit/2015-16/83.
 - b. The Authorized Dealer/ Authorized Distributor should provide copy of authorized letter from an OEM.
 - c. Copy of PAN & TIN
 - d. EMD (if applicable)
 - e. Calibration certificate of the machine(s) & accessories is to be supplied.
2. We declare that we are not a defaulter to any Govt. organization/ PSU since last 2 years for any reason due to non-supply of material even after agreed to supply in stipulated time.

(Signature of Tenderer)

**NSIC-Technical Services Centre,
Okhla Industrial Estate,
New Delhi**

Ref: -NTSC/WST/Trg.Kit/2015-16/83

FORMAT & REQUIREMENTS FOR SUBMITTING COMMERCIAL BID

1. Name & Address of the Tenderer:

.....

S No	Description of Items	Qty. In no.	Amount in Rs.	Taxes	Other Charges	Total FOR price at NTSC, Okhla
01	<p>Digital Ultrasonic Flaw Detector with color display for excellent visibility, Auto DAC plotting, Digital thickness/ distance measurements, trigonometric measurements of depth and surface distance in weld inspection, Memory of 200 AScan images and 50 set-up data, RS 232 for PC connectivity with transfer software which includes</p> <p>(a) 14.4 Volts/4AH Li-Ion Rechargeable Battery Pack, (b) Battery Charger cum Mains Power Pack with Charge Status Indicator & Power Cord, (c) Special Leather Protective Case with shoulder sling and waist-strap. (d) Plastic molded Foam Fitted Carrying Case with lock for storage and transportation of complete kit. (e) Transfer software on CD-ROM (f) Data cord to interface with PC (g) Illustrated Instruction (Operation) Manual in English (Hardcopy & Softcopy)</p>	01				

(h) Calibration Certificate as per ASTM-E317 - 06a traceable to NPL - Delhi.

Accessories:

(a) *Normal Probes:*

1. Normal Probe, 24 mm dia, 2 MHz. '0' Deg. angle with BNC Connector
2. Miniature Normal Probe, 10 mm dia, 4 MHz. '0' Deg. Angle with Mini Lemo Connector

(b) *Angle Probes*

1. Miniature Angle Probe, 9 x 8 mm, 45 Deg. 4 MHz. With Mini Lemo Connector
2. Miniature Angle Probe, 9 x 8 mm, 70 Deg. 4 MHz. With Mini Lemo Connector

(c) *Dual Crystal (T/R) Probes:*

1. Miniature Dual Crystal Probe, 10 mm dia 4 MHz., 6 Deg. Roof angle with Mini Lemo Connectors

(d) *Probe Cables:*

1. Probe Cable BNC to BNC, 2 Mtrs. long
2. Dual, BNC to Mini Lemo, 2 Mtrs. Long
3. Probe Cable, BNC to Mini Lemo, 2 Mtrs Long.

(e) *Reference/Calibration blocks*

1. V1 - Reference Block, IIW type, including wooden box with handle
2. V2 - Miniature Block including wooden box.
3. VW - Step Block, 10 steps from 1 mm to 10 mm, Material MS, including wooden box.

(f) *Replaceable Protective Membranes:*

1. ES-24 - Replaceable Protective Membrane for Miniature Normal Probes of 10 mm dia (1 set = 10 Nos.)
2. ES-45 - Replaceable Protective Membrane for Normal Probes of 24 mm dia (1 set = 10

	Nos.)					
02	Electro-Magnetic YOKE For AC and DC Magnetization Standard Accessories: a. ASTM Test Block. b. Puffer Bulb UV Black Light with Integral Filter (High Intensity) Magnetic Field Indicator (ASTME) (Pie Gauge), Residual Magnetic Field Indicator (Gauss Meter) + 10 Gauss (Calibrated), Centrifuge Tube with stand, Calibrated Weight Lift Test Plate 4.5kg.	01				

Note:

1. The prices quoted above are on FOR delivery to the address **NSIC Technical Services Center, Okhla Industrial Estate, New Delhi 110020.**
2. The Tenderer can participate for any one and/ or both the items. The technical and cost evaluation of tender shall be made on individual basis.
3. No "C" Form will be issued.

(Signature of Tenderer)

*******END OF TENDER DOCUMENT*******