

# TENDER FOR CALIBRATION INSTRUMENT

**TENDER NO.  
NTSC/Raj/Tender/Calibration Inst./13-14**



## **NSIC TECHNICAL SERVICES CENTRE**

(THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.)

(A GOVT. OF INDIA ENTERPRISE)

AJI INDUSTRIAL AREA,  
BHAVNAGAR ROAD,  
RAJKOT – 360 003.

Ph : 2387396,7,8, 2387613 FAX : 0281 – 2387729

E-Mail : [ntscraj@nsic.co.in](mailto:ntscraj@nsic.co.in) Web Site : <http://www.nsic.co.in>

## **TENDER NOTICE**

**NSIC-Technical Services Centre**  
**(A Unit of NSIC Ltd., A Govt. of India Enterprise)**  
**Aji Industrial Area, Bhavnagar Road, Rajkot-360 003**

On behalf of Chairman-Cum-Managing Director, NSIC Ltd, separate sealed tenders are invited from manufacturers only supply of Listed Instruments in TWO BID system, viz. (1) Technical and (2) Financial Bid. The details of the equipments, specifications and terms and conditions can be obtained from “Dy. General Manager ”, NSIC-Technical Services Centre, Aji Industrial Area, Bhavnagar Road, Rajkot-3 by paying Tender fee of Rs. 500/- in the form of Cash or DD favoring “**NSIC Ltd.**” Payable at Rajkot. The tender document can also be down loaded from our Web site:[www.nsic.co.in](http://www.nsic.co.in). The tender fee can be enclosed along with tender document in a separate envelope by clearly mentioning “**Tender Fee**” on it. **Completed tender forms can be submitted “in a Sealed cover” to “Dy. General Manager, at above address” by 2.00 PM on 27/12/2013.** Technical bids will be opened on the same day at 3.00 PM.

Tender should be submitted in four covers as under all covers should be **SUPERSCRIPED** i.e. Technical /financial bid/EMD/Tender fee / Tender No. /Name of instrument with bidders full address. The terms and conditions should be attached with Technical bid. All the following four covers should be sealed separately and put into a separate sealed cover of bigger size.

Cover (I) Technical bid. No financial terms should be mentioned directly or indirectly in the technical bid.

Cover (II) - Financial Bid in a separately sealed cover.

Cover (III) **EMD should be paid as mentioned in the tender documents.**

Cover-(IV): Tender Fee in case of using down loaded Tender form

**The tender fee and EMD should be paid in the form of DD in favour of “NSIC Ltd.” payable at Rajkot.**

- **Exemption of Tender Fee & EMD is applicable organization (NSIC, DGS&D or the concerned ministries/department) as defined under rule 157 of General Financial Rules (GFR 2005) copy of Certificates showing registration with the aforesaid department shall be enclosed along with Technical bid.**

Covering Letter

**TENDER NO: NTSC/Raj/Tender /Calibration Inst./13-14      DATE:09/12/13**

**To,  
The Dy. General Manager,  
NSIC-Technical Services Centre,  
Aji Industrial Area,  
Bhavnagar Road,  
RAJKOT-360 003.**

Ref:- Your Advertisement in \_\_\_\_\_ Dated \_\_\_\_\_

**Sub:- Sealed Tender offered for the supply of \_\_\_\_\_**

**Dear Sir,**

With reference to your above referred advertisement, we are herewith submitting our offer for the above said instrument.

We have gone through the general terms & conditions of this tender as attached and we fully agree to abide by the same.

We would like to inform you that the VALIDITY of THIS OFFER IS 90 DAYS AND CAN BE / CAN NOT BE EXTENDED on request, if required.

Thanking you,

Yours truly,

Signature:

PLACE \_\_\_\_\_  
DATE \_\_\_\_\_

NAME: \_\_\_\_\_  
DESIGNATION \_\_\_\_\_

**Official Seal**

**Note:**

All covers should be **SUPERSCRIPED** i.e. Technical bid/financial bid/EMD/Tender fee./Tender No./Name of instrument with bidders full address. The terms and conditions should be attached with Technical bid. All the following four covers should be sealed separately and put into a separate sealed cover.

Cover (I) Technical bid. No financial terms should be mentioned directly or indirectly in the technical bid.

Cover (II) - Financial Bid in a separately sealed cover.

Cover (III) **EMD should be paid as mentioned in the tender documents.**

Cover-(IV): Tender Fee in case of using down loaded Tender form

**The tender fee and EMD should be paid in the form of DD in favour of "NSIC Ltd." payable at Rajkot.**

- ❖ **Exemption of Tender Fee & EMD is applicable organization (NSIC, DGS&D or the concerned ministries/department) as defined under rule 157 of General Financial Rules (GFR 2005) copy of Certificates showing registration with the aforesaid department shall be enclosed along with Technical bid.**

## Specifications of Instrument & EMD

**EMD:- Rs. 20000/- fixed**  
**Quantity: 01 No.**

### **1. Digital Multi Meter.** **Specification**

Instrument	Description & Accessories
<b>Digital Multi Meter</b>	<ol style="list-style-type: none"> <li>1) Resolution: 6.5 Digits</li> <li>2) Measurement Rate: 2000/Second</li> <li>3) DC Voltage Ranges: 100 mV to 1000 V</li> <li>4) Resolution: 100 nV</li> <li>5) Accuracy: &lt; 0.0027 % rdg</li> <li>6) AC Voltage Ranges: 100 mV to 1000 V</li> <li>7) Resolution: 100 nV</li> <li>8) Accuracy: &lt; 0.065 % rdg</li> <li>9) Freq: 300 kHz</li> <li>10) Resistance Ranges: 10 <math>\Omega</math> to 1 G<math>\Omega</math></li> <li>11) Resolution: 10 <math>\mu\Omega</math></li> <li>12) Accuracy: &lt; 0.012 % rdg</li> <li>13) DC Current Ranges: 100 <math>\mu</math>A to 10 A</li> <li>14) Resolution: 100 pA</li> <li>15) Accuracy: &lt; 0.055 % rdg</li> <li>16) AC Current Ranges: 100 <math>\mu</math>A to 10 A</li> <li>17) Resolution: 100 pA</li> <li>18) Accuracy: &lt; 0.012 % rdg</li> <li>19) Frequency Ranges: 3 Hz to 1 MHz</li> <li>20) Resolution: 1<math>\mu</math>Hz</li> <li>21) Accuracy: &lt; 0.02 %</li> <li>22) Continuity/Diode Test: Require</li> <li>23) Capacitance Ranges: 1 nF to 0.1 F</li> <li>24) Resolution: 1 pf</li> <li>25) Accuracy: <math>\pm</math> 1%</li> <li>26) Temperature Ranges: -200<math>^{\circ}</math> to + 600<math>^{\circ}</math> C</li> <li>27) Resolution: 0.001<math>^{\circ}</math> C</li> <li>28) Accuracy: &lt; 0. 07<math>^{\circ}</math></li> <li>29) Math Functions: Zero, Min/Max/Average, Std Dev etc.</li> <li>30) Statistics/Histogram: Require</li> <li>31) Trendplot: Require</li> <li>32) Limit Test: Require</li> <li>33) USB Memory: USB Mem Drive port</li> <li>34) Real Time Clock: Yes</li> <li>35) Interfaces: RS 232, IEE-488.2, Lan, USB via Adapter</li> <li>36) Weight: &lt; 4 kg</li> <li>37) Safety: As per IEC and CAT approved</li> </ol> <p>Accredited Calibration Certificate as per ISO: IEC-17025- 2005.</p>

**2. Thermometer Furnace.****Quantity: 01 No.****Specification**

Instrument	Description & Accessories
<b>Thermometer Furnace</b>	1) Range: Up to 1200° C 2) Display Resolution: 1° C up to 999 and 1° C above 1000 degree on display itself 3) Stability < 1° C 4) Display Accuracy ± 5° C or better 5) Well Diameter 25 to 32 mm 6) Well Depth 130 to 150 mm 7) Heating Time: < 40 minutes to 1200 ° C 8) Cooling Time: < 150 minutes with block 9) Multi Hole Inserts: 1/2, 3/8, 1/4, 3/16, 1/8 & 1/16 Inch 10) Well to Well Uniformity: < ± 3° C at 1200° C 11) Stabilization: < 25 minutes 12) Power: 230 V AC ± 10%, Switchable, 50 Hz, 1200 W 13) Weight : < 15 kg Accredited Calibration Certificate as per ISO: IEC-17025- 2005.

**3. Hydraulic Pressure Comparator.****Quantity: 01 No.****Specification**

Instrument	Description & Accessories
<b>Hydraulic Press Comparator</b>	1) Range 0 to 700 bar 2) Type: Bench Mount 3) Pressure Generating: by Screw press for fine pressure adjustments 4) Test Connection: Test connections can be made without the need for PTFE tape or wrenches 5) Operating Fluid: Operating with many type of fluid & water 6) Test port adapters: M20 X 1.5, M14 X 1.5, 1/8, 1/4, 3/8, and 1/2 NPT and BSP )plus 1 additional 1/4 NPT adapter) 7) Weight: < 6 kg 8) Reservoir volume: < 80 cm <sup>3</sup> 9) Screw press displacement: < 30 cm <sup>3</sup> Accredited Calibration Certificate as per ISO: IEC-17025- 2005.

**GENERAL TERMS & CONDITIONS**

**TENDER ENQUIRY NO: NTSC/Raj/Tender/Calibration Inst./13-14**  
**TENDER FOR : Equipments**

1. Separate sealed tender should be submitted under two bid system.
2. Tenderers should set their quotations in firm figures. Each figure stated should be repeated in words also. In the event of any discrepancy between the amount stated in figures and words, the rate quoted in the words shall be deemed to be the final quotation. Tenders with qualifying term such, as “SUBJECT TO A MINIMUM ACCEPTANCE or “SUBJECT TO PRIOR SALE” etc shall be liable to disqualification. Technical bid is to be submitted as per our specifications in the following format.

**Format for Technical**

Name of Equipment: \_\_\_\_\_

Sl.NO	Specification as per Tender	Specification as per the Offers	Remark
	Description & Accessories	Description & Accessories	

3. The Financial bid should be submitted along with Tender document in a separate sealed cover.

4. The technical bid will be opened first and the technical suitability will be analyzed. The Financial bid of those bidders who are technically considered fit will be opened later. The date and time of opening of the financial bid will be intimated to the successful technical bidders in advance.
5. Tenderer must furnish illustrative literatures, catalogues and complete technical details for the item quoted by them with brand names / model etc.
6. Tenderer shall submit USER'S LIST of the item quoted along with the tender.
7. Last date of the receipt of this tender is 27/12/13 up to 2.00 PM. Tenders received after this due date will not be entertained. Technical bids will be opened on the same day at 3.00 PM.
8. The tender should be valid for acceptance for a minimum period of **90 DAYS FROM THE DATE OF CLOSING OF THE TENDER**. However if bidders desirous of quoting shorter/longer validity period, it should be specifically mentioned in the tender. No mention of validity period will be assumed as having validity of 90 days and tenderer will be liable to supply the materials if orders are placed.
9. All tenders must accompany EMD as mentioned in the tender document by way of Demand draft favoring **"NSIC Ltd."** payable at **RAJKOT**. EMD will be returned to unsuccessful tenderers within 90 days after the finalization of the contract OR within 180 days after the last date of the closing of this tender whichever is earlier.

**Tenderer must explicitly specify the followings:**

- a. DELIVERY PERIOD OFFERED: Expected within 120 days after placement of order. TAXES, DUTIES, LEVIES APPLICABLE:
- b. PRICES QUOTED: F.O.R Destination basis / Ex-works / with or without packing, forwarding charges etc.
- c. PAYMENT TERMS:
  1. Payment will be released after satisfying the all the conditions as per the tender terms and conditions. (Installation, Inspection, Calibration, Training etc.,) **and satisfactory functioning of the equipment supplied.**
- d. **Technical bid should contain the details of Guarantee / Warrantee** offered for each equipment/components of equipments having multiple components. All non standard components should be covered under the guarantee period invariably. **Minimum guarantee/warrantee required is ONE YEAR from the date of successful commissioning of the equipment.**
- e. **Performance guarantee is to be accorded by the supplier invariably for all the equipments that will be supplied under this Tender.**
- f. Free of cost, on site training for operating the item to our officials is a must.
- g. Successful calibration certificate of the item at the time of delivery of the item ordered. No separate charge will be paid for this purpose.
- h. Party fail to delivered the Instrument/Equipment within stipulated time the let delivery charge will applicable as the decided by competent Authority.

10. The Center reserves all rights to accept / reject or prefers any tender without assigning any reasons what so ever reason. Likewise the center may at its discretion accept or reject any tender in parts.
11. The Center will not be held liable for any postal delays or any other reasons beyond its control in any of the Communication in respect of this tender.
12. **Exemption of Tender Fee & EMD is applicable organization (NSIC, DGS&D or the concerned ministries/department) as defined under rule 157 of General Financial Rules (GFR 2005) copy of Certificates showing registration with the aforesaid department shall be enclosed along with Technical bid.**
13. The tenderer must ensure that the price quoted shall not be higher than those quoted to any other government department for the same item in the last **one year** from the date of submitting this offer.
14. Tenderer must invariably indicate their full address, telephone, Mail ID and fax numbers, website, name of contact person etc in the tender.
15. **REJECTION OF ITEM / ITEMS:** All the liabilities on the account of rejection of the items supplied, short packing defect, transit damages and loss etc will be on the supplier's account and this center will not be liable in any manner on this account.
16. The delivery time being of utmost essence, the contract / order shall stand terminated and the EMD will be forfeited if it is not executed within the stipulated delivery schedule, prescribed in the order / tender contract to compensate for the damages to the centre unless and otherwise prior consent on the extension of the delivery period is granted by the center.
17. Competent Authority reserves the right to accept or reject any or all the tenders without assigning any reasons thereof.
18. All pages of the tender document should be signed by the authorized person of the bidder with official seal.
19. **Bidder should be ISO 9001:2008 Registered, with latest Valid Certification to be provided with the quoted bid.**
20. **Any legal proceeding arising out of this contract shall be instituted at Rajkot only.**

**Dy. General Manager**  
**NSIC Technical Services Centre, Rajkot**



## 6. Financial bid

(To be enclosed in a separately sealed cover superscripting Financial bid)

- 1 Vender's name :
- 2 Address :
- 3 Tender no. : NTSC/Raj/Tender/Calibration Inst./13-14
- 4 Item :
- 5 Model :
- 6 Basic price Rs. :  
(Mention the individual item cost of multicomponent equipments)
- 7 Excises duty Rs. :
- 8 Sales tax Rs. :
- 9 Packing /Forwarding :
- 10 Transportation :
- 11 Insurance
- 12 Installation & Demonstration Charges
- 13 Octroi Rs. :
- 14 Total Price :
- 15 Discount if any :
- 16 Landed Price at NSIC-TSC Rajkot (Appx.) :
- 17 Delivery Point NSIC-Technical Services Centre, Rajkot
- 18 Delivery Period :( Preferably within 120 days.)
- 19 Payment Terms : As mentioned in the Tender Document Terms & Condition at Pg. No. 5,6,7
- 20 Validity of Offer :(Preferably 90 Days from the date of closing of the tender.)
- 21 EMD Rs.-----  
(as mentioned in the tender document) DD no. -----Date:  
Drawn on bank-----at Rajkot.
- 22 Any other details :  
( Pl. specify)

Tenderer's sign & date

Seal