

# TENDER FOR INSTRUMENT / EQUIPMENTS

**TENDER NO.**  
**NSIC/TSC/Raj/Tender/SPTL/01/14-15**



## NSIC TECHNICAL SERVICES CENTRE

(THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.)  
(A GOVT. OF INDIA ENTERPRISE)

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

Ph : 2387397-8, 2387613 FAX : 0281 - 2387729

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Notice inviting tender :



## **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 Manufacturer for supply of Humidity Chamber with Installation and commissioning in TWO BID system, viz. (1) Technical Bid (2) Financial Bid. The details of the Technical specifications and terms and conditions can be had 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 / payable at par Cheque / DD favoring **“NSIC Ltd.” Payable at Rajkot**. The tender can also be down loaded from our Web site: [www.nsic.co.in](http://www.nsic.co.in). The Centre as mentioned the terms & condition in tender documents for reference. 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 14/07/14.** 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 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. 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 payable at par Cheque / DD in favour of “NSIC Ltd.” payable at Rajkot.**

- **NSIC registered unit are exempted from Tender Fee & EMD.**

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**Covering Letter**

**TENDER NO: NSIC/TSC/Raj/Tender /SPTL/01/14-15**

**DATE:**

**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 Humidity Chamber.**

**Dear Sir,**

With reference to your above referred advertisement, we are herewith submitting our offer.

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.

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**❖ NSIC registered unit are exempted from Tender Fee & EMD.**

# Specifications of Equipment & EMD

EMD:- Rs. 20000/- fixed

## 1. Humidity Chamber.

**Quantity: 01 No.**

### Specification

Description & Accessories	Specification / Range
For Conditions as per ICH Guidelines	25°C – 60% RH / 40°C - 95% RH / 30°C – 65% RH
Construction	Double wall with Poly Urethane (PUF) insulation provided with door having locking arrangement and inner glass viewing door.
Temperature range	10.0°C to 60.0°C
Temperature resolution	0.1°C
Temperature accuracy	± 0.2°C
Temperature uniformity	± 1°C
Temperature Control	Microprocessor based PID Control with Auto Tune CE Marked
Temperature Sensor	PT100 RTD Type Class "A", made in Germany
Temperature Sensor Accuracy	±0.25%
Humidity Range	40%~95% RH
Humidity Resolution	1%
Humidity Accuracy	±2% RH
Humidity Uniformity	±3% RH
Humidity Sensor	Make HUMIREL made in France ,Capacitance Type , High Reliability and long term stability, Calibration within +2% RH @55% RH Humidity Measuring Range 0~100% Not affect by water immersion
Cooling	CFC free Copeland make compressor utilizing R134A ecofriendly refrigerant with condenser ,motor ,Relay complete unit with Copeland Make
Steam Injection	Boiler with reservoir made of thick stainless steel, with heater ,water inlet control ,low water level safeguard and insulation
Heating	"U" shaped Nichrome Wire heater in SS Sheathing
Air Circulation	Flange motor with impeller /Blower
Insulation	Polyurethane (PUF)
Chamber Illumination	Fluorescent light with door switch
Trays	SS Wire meshes heavy duty
Feet	Caster wheels
Electrical	230 v /15 A/50 Hz
Loading arrangement	Suitable loading arrangement to be provided
Safety Feature	
Temperature	High temperature safety cut off
Boiler cut off	low water level boiler cut off
Compressor	Electrical overload cut off relay for compressor
Electrical	Time relay for compressor switch ON

**Pre installation Mandatory Requirement:  
(Guarantee void in case of noncompliance)**

a) Drinking quality pure water or DM water continuous supply with tap for boiler input of ½” BSP at 3 feet height from ground level
b) Room temperature around machine preferable at 25 ~ 40 deg C with air conditioning or well ventilated room with exhaust fan .However surrounding temperature should not exceed 40 deg C.
C) Stabilized input voltage of 230V AC 20 amps .Use of Servo Controlled Stabilizer is recommended
d) Water drains line with ½” nozzle to be provided at floor level

**Calibration & Validation:**

Calibration	Temperature sensor probe calibration with traceability to ERTL Humidity sensor calibration with traceability to ERTL Temperature controller calibration with traceability to ERTL Humidity controller calibration with traceability to ERTL
Validation	IQ ,OQ and PQ documentation and protocols shall be provided with equipment

**Other Technical Specification:**

- 1) Outer cabinet mild steel powder coated
- 2) Inner chamber stainless steel 304 grade

Internal size	External size	Capacity		Shelves Provided
WXDXH cm	WXDXH cm	Cu.Ft	Litres	S S Trays
120x120x80	136x181x300	40	1150	6

**GENERAL TERMS & CONDITIONS**

**TENDER ENQUIRY NO:** NSIC/TSC/Raj/Tender /SPTL/01/14-15

**TENDER FOR** : **Humidity Chamber**

1. Separate sealed tender should be submitted under two bid system.
2. Tenderer should set their quotation 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 & Commercial bid is to be submitted as per our specifications in the following format.

**Format for Technical Bid**

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

Sl.NO	Specification as per Tender	Specification of equipment	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 14/07/14 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 at pare Cheque or 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. **and satisfactory functioning of the equipment**
- d. **Technical bid should contain the details of Guarantee / Warrantee** offered for Humidity Chamber of equipment's 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. Party fail to deliver the 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. The Tenderer must attached Suppler list of Last One Year.
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 **Any legal proceeding arising out of this contract shall be instituted at Rajkot only.**

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

## Financial bid

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

- 1 Vender's name :
- 2 Address :
- 3 Tender no. : NSIC/TSC/Raj/Tender /SPTL/01/14-15
- 4 Item :
- 5 Model :
- 6 Basic price Rs. For One :
- 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. 8,9,10
- 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