



TENDER

for

Supply & Commissioning of Various Equipment related to Pump & Motor Testing Lab

Tender No. NTSC(C)/EC/LAB(E)-3/14-15

Issued By

**NSIC TECHNICAL SERVICES CENTRE,
THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.,
(A GOVT. OF INDIA ENTERPRISE)
SECTOR B-24, GUINDY INDUSTRIAL ESTATE
EKKADUTHANGAL, CHENNAI – 600 032.**

**Tel: 044-22252335/6/7
Email: ntsche@nsic.co.in**

**Fax: 044-22254500
Website: www.nsic.co.in**

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Sector B-24. Guindy Industrial Estate, Ekkaduthangal, Chennai – 600032.
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Ref. No: - NTSC(C)/EC/LAB(E)-3/14-15

Dated: - 20/10/2014

INDEX

Sl. No.	Description	Page No.
1	Cover Page	1
2	Index	2
3	Notice Inviting Tender	3
4	Instructions to the Tenderers	4
5	Form of Tender	5
6	Commercial and General Terms & Conditions	6 – 7
7	Annexure – A	8 - 9

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NOTICE INVITING TENDER

Sealed tenders are hereby invited on behalf of the Chief General Manager, NSIC Technical Services Centre (Chennai), Sector B-24, Guindy Industrial Estate Ekkaduthangal, Chennai – 600 032 from the reputed manufacturers/ firms/ companies who are interested for Supply & Commissioning of Equipment's related to Pump & Induction motor testing lab as per specifications at Annexure – A , so as to reach to Chief General Manager, NSIC-Technical Services Centre (Chennai), Sector B-24, Guindy Industrial Estate Ekkaduthangal, Chennai – 600 032 upto **3:00 PM. on 10/11/2014.** The details as summarized below:-

a)	Name of the Machines and equipments	As per Annexure-A
b)	Earnest Money Deposit	5% of the quoted price which should be rounded off to the nearest Rs.500 on higher sides. (Example: if calculated EMD is Rs.501 then Rs.1000/- is to be deposited as EMD).
c)	Cost of Tender Document	Rs. 1000/- plus Sale Tax @ 5% (non-refundable)
d)	System of Tender Document	Two bid system – technical bid and financial bid separately in two sealed covers superscribing “ technical bid for supply & commissioning of various equipment's related to Pump & Induction motor testing lab ” and “ financial bid for supply & commissioning of various equipment's related to Pump & Induction motor testing lab ”, both envelopes should be kept in a third cover superscribing “ tender for supply & commissioning of various equipment's related to Pump & Induction motor testing lab ”.
e)	Supply of Machines and Equipments	one months from the date of awarding the order
f)	Last date of submission of completed tender documents	10/11/2014 upto 3:00 PM.
g)	Date of issue of Tender	24/10/2014 (to be downloaded from NSIC web site)
h)	Estimated cost	20 Lakhs (inclusive of all taxes, freight etc.)

The other Terms and Conditions applicable to this tender have been incorporated in the tender documents.

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INSTRUCTIONS TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions and any tender not conforming thereto is liable to be rejected. These instructions shall form the part of the tender and contract.

1. The tender should be submitted in two bid system – Technical Bid and Financial Bid separately as explained in “Notice Inviting Tender” in previous page. The technical bids will be opened at the first instance and evaluated by competent committee or Authority. At the second stage Financial Bids of the technically qualified Bidders only will be opened for further evaluation and ranking before awarding the contract.
2. Tender Document has to be downloaded from web site www.nsic.co.in and the cost of Tender Document should be enclosed with the Tender in the cover of technical Bid by way of Demand Draft/Pay Order in favour of “**NSIC Ltd. A/c NTSC.**” payable at **Chennai**.
3. The tender shall be completed in all respects (**should be signed and dated by the Authorized Signatory in all pages**). The tender received without tender fee and Earnest Money shall be rejected outright.
4. Earnest Money deposit: – **5% of the quoted price** as explained in “Notice Inviting Tender” in previous page. EMD should be **rounded off** to the **nearest Rs.500 on higher sides**. (Example: if calculated **EMD is Rs.501** than **Rs.1000/-** is to be deposited as **EMD**).
5. **Tenderer submitting registration certificate issued by NSIC to claim exemption in EMD and Tender document cost will be applicable for those items in which the tenderer are registered. Tenderer has to submit EMD, as explained above, in case the item supplied by him is not mentioned in the registration certificate.**
6. All participant from manufacturers/ firms/ companies are instructed to enclose attested copies of the following documents in Technical Bid cover, failing which their bids will be summarily/ out- rightly rejected:
 - a. Copy of CST/VAT/TIN Registration Certificates
 - b. Copy of Income Tax Return.
 - c. Any other copies of Certificate (BEE/ISI/NABL/DGS&D/NSIC etc.)

FORM OF TENDER

To,
The Chief General Manager
NSIC- Technical Services Centre
Sector B-24, Guindy Industrial Estate
Ekkaduthangal, Chennai – 600 032

Dear Sir,

Subject: Offer for Supply & Commissioning of various Equipment's related to Pump & Induction Motor Testing Lab.

Tender No: NTSC(C)/EC/LAB(E)-3/14-15

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. Notice Inviting Tender
2. Instruction To The Tenderers
3. Form Of Tender
4. Terms & Conditions For Supply

I/We hereby submit our quoted rates in the enclosed format as Annexure - A. The validity of the offer is 60 days from the last date of submission of tenders. Should our tender be accepted I/We agree:-

1. A Sum of Rs. _____ (Rupees _____) Only as Earnest Money Deposit shall be retained by NSIC-Technical Services Centre on account of security deposit.
2. The tender document along with your delivery instructions shall constitute and bind contract between us and NSIC Technical services Centre, Chennai.
3. In the event of failure to deliver the machines/equipments within stipulated time of four months period in full, liquidated damages at the rate of 1.00 percent per week of delay with a maximum of 10 Percent will be levied for delayed supply.
4. Earnest money will be refunded to us **without any interest thereof, if our tender is not accepted.**

Enclosed Annexure –A

Authorized Signature
Name of Signatory & Seal of Firm

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Ref. No: - NTSC(C)/EC/LAB(E)-3/14-15

Dated: - 20/10/2014

COMMERCIAL AND GENERAL TERMS & CONDITIONS

Subject: Offer for Supply & Commissioning of Various Equipment's related to Pump & Induction Motor Testing Lab Tender No: NTSC(C)/EC/LAB(E)-3/14-15

Sealed Tenders are hereby invited for Supply & Commissioning of Various Equipment's related to Pump & Induction Motor Testing Lab as per following terms & conditions:

1. Tenderers shall submit their offers in two bid system, in sealed cover superscribed as "**Tender for Supply & Commissioning of Various Equipment's related to Pump & Induction Motor Testing Lab**" as explained in the **INSTRUCTION TO THE TENDERERS** at NSIC Technical Service Centre, Chennai on or before **10.11.2014** up to **3:00 PM**.
2. Tenderers are strictly advised to quote their rates for the machines/ equipments as per the specifications furnished in **Annexure – A. Excise Duty, VAT, Insurance, Packing, Transportation charges etc.** whatever applicable should be mentioned clearly.
3. The Tender should be accompanied with the Earnest Money Deposit equivalent to 5% of the quoted price as explained in the **INSTRUCTION TO THE TENDERERS** and the EMD should be deposited in the form of Demand Draft /Pay Order in favour of "**NSIC Ltd. A/c NTSC**" payable at Chennai. **No Cheque or cash shall be accepted.** EMD should be annexed with the technical bid. **The offers without Earnest Money Deposit will be rejected.** Tenderers claiming for exemption of EMD should furnish the applicable documents.
4. The validity of the offer shall be of **60 days** from the last date of submission of the Tender.
5. The Chief General Manager, NSIC-TSC, Chennai reserves all the rights to accept or reject any or all the offers. The Centre is also not bound to accept the lowest offer.
6. The offer should be made in the Tender form and marked as tender No. **NTSC(C)/EC/LAB(E)-3/14-15 Dated: 20/10/2014.**
7. The tenders will be opened at NTSC-Chennai **on 10.11.2014 at 3:30 PM.** The Tenderers or their authorized representatives (One person only) may be present at the time of opening of the tender.
8. The EMD deposited by the successful Tenderers shall be adjusted for the security deposit. The EMD deposited by the successful Tenderers will be refunded after issue of order to the successful Tenderer.

9. The successful Tenderers shall deliver the items to NTSC- Chennai within **one month** from the date of issue of order. In case the items are not supplied within the stipulated period, the **Security or Earnest Money Deposited shall be forfeited.**
10. All the machines/ equipments supplied alongwith the hardware and software should be guaranteed for one year from the date of commissioning.
11. The successful tenderer has to provide pre dispatch inspection at their work place before supplying the same.
12. Detailed System Engineering of the equipments should be submitted, by the successful tenderer, comprising of General arrangement drawing, Foundation layout, Wiring diagram and operation cum maintenance manual with spare parts list.
13. Training regarding trouble shooting, system's working principle, use of equipment, general up-keeping etc. should be provided by the successful tenderer.
14. Tenderers have to enclose, in the technical bid, detailed block diagram clearly explaining the system's operations.
15. Details regarding after sales service should be provided.
16. **Payment terms:** 75% of the order value against receipt of items at our Centre in good condition and the balance amount after installation, commissioning and satisfactory report of working. The Earnest money deposited will be refunded after completion of guarantee period of one year.
Regarding EMD exempted suppliers, 75% of the order value against receipt of items at our Centre in good condition, 20% of the order value after installation, commissioning and satisfactory report of working and the balance 5% after completion of guarantee period of one year.
17. All the communication shall be addressed to:
The Chief General Manager,
NSIC TECHNICAL SERVICES CENTRE,
THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.,
(A GOVT. OF INDIA ENTERPRISE)
SECTOR B-24, GUINDY INDUSTRIAL ESTATE
EKKADUTHANGAL, CHENNAI – 600 032.
TEL: 22252335/6/7, Fax: 22254500
Email: ntscche@nsic.co.in
18. The decision of the NSIC Technical Services Centre, Chennai will be final and binding on the Tenderers.
19. In the event of any dispute, the legal matter shall be subjected to the jurisdiction of Chennai / **Chennai court only.**

SPECIFICATIONS

Sl. No.	Description	Qty	Rate	
1.	Laptop (branded/standard make) 4th Generation Intel Core i5 Dual-Core, 1.6 GHz , 4 GB DDR3L expandable upto 12 GB, 64-bit , Windows 8 license version, 8X Super Multi DVD Writer , 500GB HDD, Nvidia graphic processor, USB optical mouse, with license version MS OFFICE.	01		
2.	Portable Ultrasonic Flow meter (Reputed make/ Standard) 10 mm to 3000 mm dia of pipe size. Accuracy: 0.5% of measured value Velocity: 0 to 25 m/s. Temperature of media: (-30°C to 130°C) Full specification/parameters to be mentioned.	01		
3a.	Auto transformer/variatic (standard make) – with copper winding in all rating Three phase oil cooled auto transformer with motorized unit. (with oil) Amp. capacity: 400 Amp./0-470 volt.	01		
3b.	Three phase oil cooled auto transformer with motorized unit. (with oil) Amp. capacity: 200 Amp./0-470 volt.	01		
4.	Desk Top Computer - Branded Make CPU: Intel core i5, 3.2 GHz, Hard disk Drive: 500 GB, 7200 rpm or higher, Memory: 4 GB 1600MHz DDR3 RAM with 32 GB Expandability, Monitor: 47 cm or larger (18.5” or larger) LED digital color Monitor TCO-05 certified, Key Board: 104 Keys with USB interface, Mouse: Optical with USB interface, Ports: 6 USB ports including 2 USB 3.0 ports (With atleast 2 in front). Cabinet: Mini Tower & Laser printer. (with license version for operating system windows 8 professional)	02		
5.	Bench Top 6.5 digit Multimeter (with Computer interface RS 232/USB.): - Branded Make DC- Voltage: Range: 100 mV to 1000V Accuracy: 0.01% DC - Current: Range: 100µA to 10A Accuracy: 0.1%(100 µA – 1.0 A) & 0.2% above 1.0A Resistance: Range: 10Ω to 100 MΩ, Accuracy: 0.1% (10 Ω - 10M Ω) & 1% above 10 MΩ	AC - Voltage: Range: 100 mV to 1000 V Frequency: 20 Hz to 100 KHz. Accuracy: 0.1% (20 Hz – 20 KHz) & 0.5%(20 KHz - 100KHz) AC - Current: Range: 100 µA. to 10 A. Frequency: 20 Hz to 10 KHz. Accuracy: 0.5%(20 Hz to 10 Hz.)	01	
6.	Digital Micro Ohm meter: (4.5 digit) Branded Make Measurement range: 1µΩ to 2,000Ω, 0.1% accuracy, with four wire measurement method, temperature compensation with Computer interface RS232/USB	01		
7.	Digital Vibration meter: (3.5 digit) - Branded Make (with Computer interface RS 232/USB.) Frequency: 10 Hz to 10 kHz With basic accuracy 0.5%, Velocity: 0.01 to 200 mm/sec (RMS) Displacement: 0.01 to 200 mm(RMS)	acceleration: 0.01 to 200 mm/s ² 01		
8	Digital Insulation Tester: (3.5 digit) Branded Make Range: 0 - 500M Ω , Voltage : 1000 Volt	01		
9	Digital Sound Level Meter: (with Computer interface RS 232/USB) Frequency Range: 30 Hz to 130 KHz, Sound level Range: 30 db to 130 db. Accuracy 1.0% at 1 KHz	01		
10	Data Logger: Branded make like Eurotherm - 6180A Carry handle with 18 Channels and standard software.	01		
11	Digital Stop Watch 10msec with lap function	01		
12	Digital Tachometer (Non Contact Lesser Type) Range : 0 – 9999 RPM (with Computer interface RS 232/USB.)	01		

NOTE

- All measuring and sensing instruments to be accompanied. Calibration Certificate from NABL accredited lab should be submitted at the time of supply.
- All items as per serial No. from 1 to 12 including a & b shall be treated as individual items should be quoted separately as mentioned in Annexure – A
- The operating system voltage for single phase is 220/230 Volt and for three phase 400/415 Volt. at 50 Hz , and/or battery operated
- The tenderer have to **submit an authorization letter** as a dealer from the principle manufacturer in case he is dealing in the equipment's made by the principle manufacturer.
- The tenderer will be responsible for providing after sale and services for entire system including all parts and equipment's