



ISO 9001:2008

**TENDER**

**FOR**

**SUPPLY, INSTALLATION AND COMMISSIONING**

**OF**

**MACHINERY/ EQUIPMENTS AND ACCESSORIES**

**FOR**

**TEMPERATURE RISE TEST.**

**TENDER NO.: NSIC-TSC(H)/ELEC/ TRT /13-14 DATED: 25.09.2013**

**The National Small Industries Corporation Ltd.**

**(A Govt. Of India Enterprise )  
Technical Services Centre,**

**Japani Gate, P.O. Balitikuri, Howrah-711 113**

**Tel No. 26530304, 26538607, Fax: - 091-033-26531314**

**Email: [ntschow@nsic.co.in](mailto:ntschow@nsic.co.in)**

**Website : [www.nsic.co.in](http://www.nsic.co.in)**

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**The National Small Industries Corporation Ltd.  
(A Govt. Of India Enterprise )  
Technical Services Centre,  
Japani Gate, P.O. Balitikuri, Howrah-711 113 (W.B.)**

**NOTICE INVITING TENDER**

NSIC-Technical Services Centre , Howrah invites sealed tender in Two bid system (Technical & Commercial bid in two separate envelopes) from reputed Prime Equipment Manufacturers/ Authorized Distributors/ Dealers for the Supply, Installation, Testing, Calibration, Commissioning of all and/or any Machines / equipments /Accessories in the Centre at Japanigate, Balitikuri, Howrah.

**The details are summarized below:-**

Sl. No.	Name of the Project	Supply, Installation, Testing, Calibration and Commissioning of Machines / equipments / Accessories with required specifications as mentioned in <b>Annexure-A</b> at the site
1)	Technical Bid	The details for submission of Technical Bid is placed at <b>Annexure-B</b>
2)	Commercial Bid	The details for submission of Commercial Bid is placed at <b>Annexure-C</b>
3)	Cost of Tender Documents	The tender document can be collected from the office of General Manager (SG),of NSIC- Technical Services Centre Howrah as addressed on first page, w.e.f. <b>30/09/2013 to 21/10/2013</b> (except Saturday & Sunday) <b>between 10:30 hours to 16:30 hours</b> against payment of Rs. 250/- (Rupees Two Hundred Fifty only) (Non refundable) by way of cash/ demand draft, in favour of ' <b>The National Small Industries Corporation Ltd.</b> ', payable at Howrah/Kolkata. Alternatively <b>tender form</b> can be downloaded from our website <a href="http://www.nsic.co.in">www.nsic.co.in</a> from <b>27<sup>th</sup> September 2013 to 21st October, 2013</b> . The <b>tender fee of Rs. 250/-</b> in the form of demand draft in favour of ' <b>The National Small Industries Corporation Ltd.</b> ', payable at Howrah /Kolkata shall be enclosed with Technical Bid of the tender while submitting the tender by Tenderers.
4)	Earnest Money Deposit (EMD) along with Tender	The EMD as prescribed in <b>Annexure-A</b> shall be submitted in the form of D.D or Bankers pay orders. in favour of " <b>The National Small Industries Corporation Ltd.</b> ", payable at Howrah/Kolkata along with the Technical Bid envelope while submitting the tender. The Tenderer can participate for any one and / or all Machines / Equipments / Accessories. The evaluation of tender shall be made on individual machine/ equipment/Accessories basis. The details of EMD payable against individual machine/ equipment /Accessories are placed at <b>Annexure – "A"</b> .

5)	Last date of submission of tender	The complete and duly filled in tender in a sealed bigger envelope super-scribed as <b><u>“Tender for the purchase of Machines, Equipments and Accessories for Temperature Rise Test”</u></b> with tender enquiry no. NSIC-TSC(H)/ELEC/ TRT /13-14 & its due date, shall be received by <b>21<sup>st</sup> October 2013 up to 17:00 hours</b> (sharp) at the office of General Manager (SG), NSIC-Technical Services Centre, Howrah
6)	Date of opening of Technical Bid (Envelope-1)	The <b>First envelope containing Technical Bid</b> will be opened on <b>22<sup>nd</sup> October 2013 at 11:30 hours</b> , at the office of General Manager (SG), NSIC-Technical Services Centre, Howrah.
7)	Date of opening of Commercial Bid (Envelope-2)	The <b>Second envelope containing Commercial Bid</b> will be opened on <b>28<sup>th</sup> October 2013 at 11:30 hours</b> with intimation to the qualified bidders separately through Fax/e-mail/ over telephone.

Note: In case of any further details required, the same can be collected from the office of General Manager (SG), NSIC-Technical Services Centre, Howrah from 30<sup>th</sup> September 2013 to 18<sup>th</sup> October 2013 (except Saturday & Sunday) between 10:30 hours to 16:30 hours.

General Manager (SG)  
NSIC- Technical Services Centre  
Howrah

**IMPORTANT DATES:**

<b>S.No.</b>	<b>Description</b>	<b>DATE</b>	<b>TIME</b>
1	Publishing Date	27/09/2013	11:00
2	Document Sale Start Date	30/09/2013	10:30
3	Document Sale End Date	21/10/2013	16:00
4	Seek Clarification Start Date	30/09/2013	10:30
5	Seek Clarification End Date	18/10/2013	16:30
6	Bid Submission Start Date	30/09/2013	10:30
7	Bid Submission End Date	21/10/2013	17:00
8	Bid Opening Date (Technical)	22/10/2013	11:30
9	Bid Opening Date (Commercial)	28/10/2013	11:30



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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. This instruction shall form the part of the tender and contract.

1. The intending Tenderer, in case of Prime Equipment manufacturers shall submit a **self declaration on their letter-head**, along with the Technical Bid, confirming that they are regular in manufacturing & supplying the similar machines, from last Three (3) years. The tenderer shall enclose the copy of the same in Technical bid while submitting the tender.
2. The intending Tenderer, in case of Authorized Distributor / Dealer shall possess **valid authorized Distributorship / Dealership license from Prime Equipment manufacturers**. The tenderer shall enclose the copy of the same in Technical bid while submitting the tender.
3. The Tenderer can participate for any one and/ or all Machines and/ or Equipments and/ or Accessories. **It shall be noted that evaluation of individual machine and/ or Equipment and /or Accessories shall be made instead of evaluating all the machines and/ or Equipments and/or Accessories collectively.**
4. The person **signing** the tender form or any other documents forming part of the contract on behalf of the Tenderer shall be deemed to warranty that he has **authority to bind the Tenderer**. If subsequently comes to light that the person so signed had no authority to do so, the General Manager (SG), NSIC -Technical Services Center, Howrah may without prejudice to any other civil & criminal remedies cancel the tender and hold the Tenderer liable for all costs, charges and damages.
5. The tender must be placed in a properly sealed "**bigger envelope**" addressed to General Manager (SG), NSIC-Technical Services Centre, Japanigate, Balitikuri, Howrah-711113, and the said bigger envelope shall contain **two sealed envelopes containing one Technical bid & another Commercial bid**.
6. The **bigger envelope** must be super-scribed "Tender for the purchase of machines / Equipments /Accessories" with tender inquiry number and its due date. The two sealed envelopes inside the bigger envelope must be super-scribed as:
 

**Envelope No-1:** The said envelope is for **technical bid** & shall be super scribed as "**Tender for the Supply, Installation, Testing, Calibration and Commissioning of Machines / Equipments /Accessories for Temperature Rise Test – Technical Bid**"

**Envelope No-2:** The said envelope is for commercial bid & shall be super scribed as "**Tender for the Supply, Installation, Testing, Calibration and Commissioning of Machines / Equipments / Accessories for Temperature Rise Test – Commercial Bid**".
7. The tender should reach the office of General Manager (SG), NSIC-Technical Services Centre, Japanigate, Balitikuri, Howrah-711 113 by 21<sup>st</sup> October, 2013 upto 17:00 hours.

8. The tenders will be opened at NSIC-Technical Services Centre, Howrah on 22<sup>nd</sup> October 2013 at 11:30 Hours. The Tenderer or their authorized representative (One person only) may be present at the time of opening of the tender.
9. All the columns of the tender shall be duly, properly and exhaustively filled in. Any cutting/over writing etc. in the tender must be signed by the person who is signing the tender. **The rates and units 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 as final.**
10. 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.
11. NSIC-Technical Services Centre, Howrah reserves the right to reject any 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.
12. NSIC-Technical Services Centre, Howrah have right to verify the particulars furnished by the bidder independently.
13. Any alteration/change in respect of extension of date of submission of tender etc. shall be uploaded in the website of NSIC only. No tenderer shall be communicated through any other media individually in this respect.
14. **No “C” form shall be issued by NSIC- Technical Services Centre, Howrah to the suppliers.**
15. The Tenderer shall be agreed that the rates submitted shall remain valid for acceptance for a period of 70 days from the date of opening of Technical Bid of tender.
16. Tenderer shall take into account **all costs including loading - unloading, transportation etc.** for giving delivery of material at site i.e. NSIC-Technical Services centre, Howrah before quoting the rates. In this regard no claim what so ever shall be entertained.
17. The material shall be inspected on receipt at our site and, the machines which are required to be installed shall be calibrated at our site after complete installation / commissioning i.e. NSIC-Technical Services Centre, Howrah and supplier shall be responsible for any damage during the transit of goods. No extra cost will be paid for onsite calibration of machines.
18. All the communication with respect to the tender shall be addressed to:  

**General Manager (SG),  
NSIC- Technical Services Centre,  
Japanigate, P.O.: Balitikuri  
Howrah – 711 113**
19. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Howrah Court only.

We confirm with our acceptance to the instructions (**S.No-1 to 19**) as given above.

Tenderer's Name & Signature with Seal

## **COMMERCIAL & GENERAL TERMS & CONDITIONS**

### **Nature of Goods/ Equipment's:**

For Supply, Installation, Testing & Commissioning of Machines / Equipments/ Accessories with specifications mentioned in **Annexure –A** for Temperature Rise Test

### **1. Scope of Supply :**

- i. The tenders shall be submitted as per the Technical specifications enclosed in **Annexure-A**.
- ii. The Tenderer are free to inspect the installation location in the premises of NSIC-Technical Services Centre, Japanigate, Balitikuri, Howrah – 711 113 before submitting the quotations.

### **2. Submission of Tender:**

- i. The tender received within the stipulated date and time will be opened at the office of General Manager (SG), NSIC-TSC, Howrah on due date and time. The bidders may attend the opening of tender.
- ii. **Tender received in open covers/ letters/fax/ email will not be considered.**
- iii. The tenders received after the stipulated date and time or tender received with conditions will not be accepted. Tenders not submitted in the prescribed form will be rejected. Tenders which propose any alterations in the conditions specified will be rejected.

### **3. Opening of Commercial Bid:**

The commercial bid /price bid of technically qualified tenderers will be opened on the stipulated due date and time. The date & time for opening of commercial bid shall be intimated to the successful tenderers after opening & evaluation of technical bid through Fax/e-mail and over telephone only.

### **4. Validity of tender:**

- i. The tender shall be valid for a period of 70 days from the date of opening of the Technical Bid of tender. If any Tenderer withdraws his tender before the said period or makes any modifications in the terms and the conditions of the tender which are not acceptable to the NSIC-Technical Services Centre Howrah, then the Centre shall, without prejudice to any other rights or remedy, be at liberty to forfeit the EMD. The rates quoted in the tenders shall be treated as firm during this period of contract.
- ii. No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained.



**5. Warranty of supplied machines / items :**

The machines/equipment/accessories offered shall confirm to the specifications as given in the tender/order and shall have the warranty, shall be specify machine wise in Commercial Bid, against defective design, defective quality material supplied, manufacturing defects etc., applicable from the date of installation of machines/equipments etc. The warranty of machines/items would certainly be taken into consideration.

**6. Packing :**

- i. The supplier shall provide packing of the machines, as is required to prevent their damages or deterioration during the transit to their final destination to the address of delivery i.e. NSIC-Technical Services Centre, Japanigate, Balitikuri, Howrah. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
- ii. The machine & equipment shall be securely boxed, crated and protected from mechanical damage, moisture etc. suitable for both storage and transit according to the nature of the items and mode of transport.

**7. Price:**

- i. The rates quoted by the bidder shall remain firm and shall include all applicable taxes till supply of all the items even during the extended period, if any, on any account what so ever. It may be noted that no deviation on this account will be acceptable and offer not containing firm price shall not be considered.
- ii. The tenderers shall submit the copy of Sales tax /Central Excise/VAT Registration details & PAN card or others along with the Technical Bid of the tender.
- iii. Tenderer shall take into account **all costs including loading - unloading, transportation etc.** for giving delivery of material at site i.e. NSIC-Technical Services centre, Howrah before quoting the rates. In this regard no claim what so ever shall be entertained.

**8. Delivery :**

- i. The successful tenderer shall complete supplies strictly within the accepted delivery period. Material ordered by the NSIC-TSC shall be delivered for destination securely packed as may be necessary.
- ii. The Machine & equipments shall have to be delivered at and NSIC-Technical Services Centre, Japanigate, Balitikuri, Howrah and to be operationalized to the satisfaction of the Dy. General Manager / Manager (Electrical Testing) of NSIC-TSC, Howrah.
- iii. Machine(s)/ equipment(s) shall be supplied with Calibration Certificate(s) as per ISO/ IEC 17025 requirement with the logo of accreditation body (NABL in case of Indian Laboratory). Ensure that the delivered machine(s) and/or measuring equipment(s), if supplied in Semi Knock Down/ full assembled, their Calibration shall be carried out at site after their Installation & Commissioning.
- iv) Installation & Commissioning of Material Testing Machines and/ or Measuring Equipment's shall have to be carried out free of charge at NSIC-Technical Services Centre, Japanigate, Balitikuri, Howrah. The comprehensive training which includes Operations, Maintenance, Trouble shooting & all other areas which are necessary for smooth functioning of machine, shall be provided to at least two persons at site i.e. NSIC - Technical Services Centre by Tenderer.

**9. Payment:**

- i. The 80% payment will be released by crossed account payee cheque for which the tenderer shall send Tax Invoice in duplicate (original + copy) giving the reference number of the purchase order along with copies of delivery receipt note which will be issued by the Test Lab In-charge (Dy. General Manager / Manager Electrical Testing) after receipt of equipment in good condition, successful commissioning, installation, testing / or calibration of machines or equipments.
- ii. The remaining 20% payment will be released after satisfying all the conditions as per the tender terms and condition, satisfactory functioning of the equipments supplied and after furnishing of Guarantee/Warranty documents.

**10. Earnest Money Deposit:**

- i. An EMD shall be paid along with the tender (**in Technical Bid**) as per **Annexure – A** by way of DD drawn in favour of “**The National Small Industries Corporation Ltd., Payable at Howrah/Kolkata**. Tender is liable to be rejected in case EMD at prescribed rate is not furnished along with the tender. NSIC -Technical Services Centre, Howrah shall not be liable for payment of any interest on EMD.
- ii. Any request by the bidders to consider their EMD furnished by them to NTSC for any other contract/ tender cannot be considered as EMD for this tender.
- iii. The EMD will be returned to the unsuccessful bidders soon after the orders are placed on the successful bidder. In case of successful bidder, the EMD will be returned along with the balance 20% payment after successful commissioning of the machines and/ or equipments.
- iv. The manufacturer registered with NSIC for the particular item mentioned in this tender under Govt. Purchase Registration Scheme are exempted from payment of EMD as per rule.

**v. The EMD will be forfeited in following cases:**

- i. If the bidder fails to accept the order based on his offer (bid) and within the prescribed time.
- ii. If the bidder fails to supply the Machines / Equipments /Accessories with specifications in compliance to as mentioned in Annexure –A.
- iii. If the bidder delays supplies beyond a reasonable time resulting in disruption of NSIC-TSC works.

**11. Service Facility:**

Tenderer shall have the facility to provide after sales service within a short notice for Machine/Equipments mentioned at Sl. No. 1,2,7,8 & 10 of **Annexure-A**.

**Tenderer's Name & Signature with Seal**

**NSIC-Technical Services Centre  
Japanigate, Balitikuri, Howrah-711113**

**(Undertaking from Tenderer)**

To,  
The General Manager (SG),  
NSIC- Technical Services Centre,  
Japanigate, Balitikuri,  
Howrah-711 113.

Sir,

Nature of Goods/ Equipments:	For Supply, Installation, and Commissioning of Machinery / Equipments and Accessories for Temperature Rise Test.
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Dear Sir,  
Having examined and perused the following documents:

1. Notice Inviting Tender
2. Instruction to the Tenderer
3. Commercial & General Terms & Conditions
4. Technical Specifications of item (Annexure-A) for which tender issued
5. Annexure – B (Technical Bid)
6. Annexure- C (Commercial Bid)

I/We .....do hereby submit tender in prescribed formats for Supply, Installation and Commissioning of Machinery / Equipments and Accessories to NSIC- Technical Services Centre, Howrah, completed in all respects in accordance with the conditions applicable.

If this tender is accepted, I/We agree to abide by and fulfill all the terms and conditions in the tender documents

I/We hereby distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of supply in the NSIC-TSC, including the scope and nature of duties expected from the Tenderer.

I/We distinctly agree that I/We would hereafter make no claim or demand upon the NSIC-TSC based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

Any notice required to be served on me/us shall be sufficiently served on me/us by E-MAIL/Fax/ post (registered or ordinary) / courier / left at my/our address furnished herein.

I/We fully understand the terms and conditions in the tender documents.

Dated this.....day of.....2013

**Name of the Tenderer/s:  
Seal:**

Authorized Signatory:  
With complete address, phone/fax numbers

**Technical Specifications for the Supply, Installation, Commissioning, Testing and Calibration of machines / equipments / Accessories.**

Sl. No.	Machine / Equipment / Accessories	Specification	Qty. required	EMD of individual Machine/Equip
1	<b><u>High Current Transformer:</u></b>	3- Phase with neutral both side, Y-Y connection, 40 KVA, Input Voltage 415V, Output Current 4000 Amps, Cooling – Oil Natural, Exposed Copper Bar in output side = 150mm x 30mm x 300mm with drill. <b>(Dimensions of transformer to be mentioned while quoting.)</b>	01 no.	Rs. 2500/-
2.	<b><u>Variac Transformer</u></b>	Output 240/270V, 1 Phase, 100A, Cooling-Oil Natural. <b>(Dimensions of transformer to be mentioned while quoting.)</b>	03 nos.	Rs. 2500/-
3.	<b><u>Transformer Oil</u></b>	EHV grade, conforming to IS 335:1993, Transol brand	400 ltrs. (Approx)	Rs. 700/-
4.	<b><u>Core type (Ring type) CT</u></b>	5000/5 A, Accuracy class 0.5, (MECO/AE make) (ID not to be less than 110 mm -approx)	03 nos.	Rs. 250/-
5.	<b><u>Digital AC, Ammeter</u></b>	4& ½ digit, acc. Class 0.5 (MECO/AE make)	03 nos.	Rs. 200/-
6.	<b><u>Earthing System</u></b>	<ul style="list-style-type: none"> <li>- Providing &amp; fixing of copper plate(600x600x3 mm) at 3 mtrs depth, with 50x6 mm copper strips (2 nos.) upto the pit,</li> <li>- 25 mm dia medium class GI pipe upto 3 mtrs depth, complete with funnel for watering with 300 mm CI chamber covered with masonry works</li> <li>- Providing &amp; fixing of pit with 40x3 mm copper strip to earth grid for about 4 mtrs. with brass nut bolts &amp; other fixing accessories.</li> <li>- Supply of charcoal &amp; salt mixture with soil upto the depth of 3 mtrs. (100 kG salt &amp; 200 kG charcoal) (supplier is advised to physically survey the spot)</li> </ul>	01 set	Rs. 1000/-
7.	<b><u>Multichannel Digital Temperature Indicator / Scanner</u></b>	Desktop Type, No. of Channel 32, (with suitable software for data recording and storage in computer) Sensor Type : RTD PT 100 , Length 5 Mtrs., Range 0 -200°C , sensor head cover of 3mm X25 mm. Acc. 0.5, Resolution : 0.1°C	01 no. with 32 nos. sensors	Rs. 2000/-
8.	<b><u>Desktop Computer</u></b>	HP Desktop Computer with UPS (600VA , Microtek) & Accessories (Core i3 Desktop, HP 3330 MT model, LCD Monitor, Keyboard, Mouse etc.)	01 set	Rs. 500/-
9.	<b><u>Temperature controlled test zone</u></b>	<ul style="list-style-type: none"> <li>i) Test Chamber 10'X9'X8.5'(H) : made of plywood &amp; glass, with false ceiling, suitable door</li> <li>ii) Wooden trolley (2'x2'x2.5' height) fitted with wheel &amp; consisting of 2 wooden racks</li> </ul> (supplier is advised to physically survey the spot)	01 set each	Rs. 500/-
10.	<b><u>Air conditioner</u></b>	1ton, window type, 3 star, Voltas make with installation.	01 set	Rs. 250/-
11.	<b><u>Copper cable &amp; other accessories</u></b>	3& ½ core, 50mm <sup>2</sup> (Havels/Gloster make) TPN Switch with enclosure 150 amps. (L&T / Havels) TPN Busbar 200 amps (L&T / Havels)	100mtrs. 04 nos. 04 nos.	Rs. 1500/-
12.	<b><u>Tin coated Copper Flexible</u></b>	75mmX12mm (pair of 2 mtr. Length i.e. 4 mtr.)	03 set.	Rs. 500/-
13.	<b><u>Copper Bar</u></b>	100mmX5mm (2 mtr length)	03 nos.	Rs. 500/-

**Note:**

1. All above machines should be provided with necessary /required safety features Including curtains, wherever applicable.
2. All electrical, electronic display units should be of reputed brand.
3. The Tenderer can participate for any one and/ or all the Machines and/ or Equipments or Accessories. It shall be noted that evaluation of individual machine and / or equipments shall be made for the received tender and not for all the machines and/ or equipment's and /or Accessories collectively.

**NSIC-Technical Services Centre**  
Japanigate, Balitikuri, Howrah

**FORMAT FOR TECHNICAL BID**

1. Tender Ref. No: .....
2. Name of Tenderer: .....
3. Complete office address of Tenderer.....  
.....
4. Contact details of authorized person of tenderer who have signed the tender.
  - a. Name.....
  - b. Designation.....
  - c. Phone (office).....
  - d. Phone (Mobile).....
  - e. E mail.....
5. Opening date & time: .....
6. Due date & Time of submission: .....
7. Tender fee (if uploaded from website).....
8. PAN Number of supplier (copy to be enclosed).....
9. VAT/ CST/ TIN registration number of supplier (copy to be enclosed)  
.....
10. Delivery period after receipt of order from NSIC-TSC: 60 days after awarding the order.
11. **Documents** - Details to be enclosed with the Technical bid are as under:
  - a. The Tenderer shall give a self declaration on their letter-head, confirming that they are regular in manufacturing & supplying the said machines, accessories and tools from last 03 years, as mentioned in the tender no. NSIC-TSC(H)/ELEC/ TRT /13-14 and has capacity & capability to execute the tender independently, in compliance to the terms & conditions contained in Tender documents.

**OR**

In case the indenting tenderer is authorized Distributor / Dealer, they shall have to possess valid authorized Distributorship / Dealership license from manufacturers for supplying the similar machines, accessories and tools from last 05 years. **The copy of the same shall be enclosed along with the technical bid of tender.**

b. Details of buyers to whom the similar supplies completed during the last five years i.e. Supply, Installation, Testing & Commissioning of Material Testing Machines and Measuring Equipment's. The detail shall be submitted as per the format placed under:

S. No.	Year	Details of machines/ equipment supplied	Name / Address / Telephone number of officer to whom reference, if required, may be made	Value (Rs.)

c. Complete Address with Telephone numbers and email address of after sales service centers and Support Centers as far as possible near to Howrah shall be provided.

d. The Tenderer shall clearly confirm that the tender shall remain valid for acceptance for 70 days from the date of opening the Technical Bid of the tender i.e. Valid for 70 days from the day i.e. **22<sup>nd</sup> October 2013.**

e. The Tenderers shall attach the duly signed on each page of these tender documents as detailed under and place along with the above Technical Bid;

i) Instructions to Tenderers,

ii) Commercial & General terms and conditions,

iii) Undertaking from tenderer,

iv) Declaration by Tenderers,

v) Technical detail Specifications of the Machine(s) / Equipment(s)/Accessories,

f. The Tenderers shall enclose the copy of Catalogue for the machine/ equipment along with applicable accessories and tools; which they are intending to supply through this tender, in the format as placed under:

S. No.	Machine/ Equipment /Accessories	Range/ Size/ Material Specifications	Comply to Spec. and ready to supply required Quantity (write YES/ NO only)	EMD of individual machine/ equipment (Rs).
1.	<b><u>High Current Transformer:</u></b>	3- Phase with neutral both side, Y-Y connection, 40 KVA, Input Voltage 415V, Output Current 4000 Amps, Cooling – Oil Natural, Exposed Copper Bar in output side = 150mm x 30mm x 300mm with drill. <b>(Dimensions of transformer to be mentioned while quoting.)</b>		
2.	<b><u>Variac Transformer</u></b>	Output 240/270V, 1 Phase, 100A, Cooling-Oil Natural. <b>(Dimensions of transformer to be mentioned while quoting.)</b>		
3.	<b><u>Transformer Oil</u></b>	EHV grade, conforming to IS 335:1993, Transol brand		
4.	<b><u>Core type (Ring type) CT</u></b>	5000/5 A, Accuracy class 0.5, (MECO/AE make) (ID not to be less than 110 mm -approx)		
5.	<b><u>Digital AC Ammeter</u></b>	4& ½ digit, acc. Class 0.5 (MECO/AE make)		
6.	<b><u>Earthing System</u></b>	<ul style="list-style-type: none"> <li>- Providing &amp; fixing of copper plate(600x600x3 mm) at 3 mtrs depth, with 50x6 mm copper strips (2 nos.) upto the pit,</li> <li>- 25 mm dia medium class GI pipe upto 3 mtrs depth, complete with funnel for watering with 300 mm CI chamber covered with masonry works</li> <li>- Providing &amp; fixing of pit with 40x3 mm copper strip to earth grid for about 4 mtrs. with brass nut bolts &amp; other fixing accessories.</li> <li>- Supply of charcoal &amp; salt mixture with soil upto the depth of 3 mtrs. (100 kG salt &amp; 200 kG charcoal) (supplier is advised to physically survey the spot)</li> </ul>		
7.	<b><u>Multichannel Digital Temperature Indicator / Scanner</u></b>	Desktop Type, No. of Channel 32, (with suitable software for data recording and storage in computer) Sensor Type : RTD PT 100 , Length 5 Mtrs., Range 0 - 200 <sup>o</sup> C , sensor head cover of 3mm X25 mm. Acc. 0.5, Resolution : 0.1 <sup>o</sup> C		
8.	<b><u>Desktop Computer</u></b>	HP Desktop Computer with UPS (600VA , Microtek) & Accessories  (Core i3 Desktop, HP 3330 MT model, LCD Monitor, Keyboard, Mouse etc.)		
9.	<b><u>Temperature controlled test zone</u></b>	<ul style="list-style-type: none"> <li>i) Test Chamber 10'X9'X8.5'(H) : made of plywood &amp; glass, with false ceiling, suitable door</li> <li>ii) Wooden trolley (2'x2'x2.5' height) fitted with wheel &amp; consisting of 2 wooden racks (supplier is advised to physically survey the spot)</li> </ul>		
10.	<b><u>Air conditioner</u></b>	1ton, window type, 3 star, Voltas make with installation.		
11.	<b><u>Copper cable &amp; other accessories</u></b>	3& ½ core, 50mm <sup>2</sup> (Havels/Gloster make) TPN Switch with enclosure 150 amps. (L&T / Havels) TPN Busbar 200 amps (L&T / Havels)		
12.	<b><u>Tin coated Copper Flexible</u></b>	75mmX12mm (pair of 2 mtr. Length i.e. 4 mtr.)		
13.	<b><u>Copper Bar</u></b>	100mmX5mm (2 mtr length)		



Total EMD (Rs.) \_\_\_\_\_ in words Rupees \_\_\_\_\_

\_\_\_\_\_ for the machines/

equipment agreed to supply through this tender.

EMD of Rs. \_\_\_\_\_ by DD No. \_\_\_\_\_ Dated \_\_\_\_\_

drawn on scheduled/ nationalized bank \_\_\_\_\_

in favour of ' The National Small Industries Corporation Ltd.' payable at Howrah/Kolkata.

g. The Tenderers shall submit all supporting information with respect to the technical data, drawings or booklets of product. Any product brief, test certificates available may be enclosed.

h. No price of any Machine/ Equipment/ Spares/ Accessories shall be given in Technical Bid.

Signature of the Tenderer with stamp

**NSIC-Technical Services Centre  
Japanigate, Balitikuri, Howrah**

**FORMAT FOR COMMERCIAL BID**

1. Vender's / Bidder's Name :
2. Address :
  - a) Telephone No.
  - b) Fax No.
  - c) **E-mail:**
3. Tender no. : NSIC-TSC(H)/ELEC/ TRT /13-14
4. Items :
5. Model :
6. Basic price Rs. :
7. Excise Duty Rs. :
8. Ed. Cess in Rs :
9. Sales tax/VAT Rs. ( No "C" Form will be supplied) :
10. Packing / Forwarding charges :
11. Transportation charges :
12. Insurance charges :
13. Installation & Demonstration Charges :
14. Octroi (Rs. ) :
15. Total Price :
16. Discount if any :
17. Landed Price at NSIC-TSC, Howrah (Appx.) :
18. Delivery Point : NSIC-TSC, Howrah.
19. Delivery Period : (within 60 days from the date of issue of award Letter)
20. Warrantee/ Guarantee period offered :
21. Validity of Offer : (70 Days from the date of opening of Technical Bid)
22. Any other details :  
(Pl. specify)

Tenderer's sign & date

Seal