

TENDER

SUPPLY AND INSTALLATION OF

MACHINERY

FOR

ELECTRICAL TESTING LAB.

TENDER NO.: NSIC-TSC/H/ELEC./03/13-14

DATED: 29.11.2013

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

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

Ref. No. : NSIC-TSC/H/ELEC./03/13-14

Dated: 29.11.2013

M/s.

Subject : NSIC-TSC/H/ELEC./03/13-14 ,**Supply and Installation of Machinery for Electrical Testing Lab.**

Dear Sir,

Tender document (**containing 9 pages**) in respect of the supply and Installation of the above-mentioned items, as detailed on **page 2 (Index)** are forwarded herewith. Please note that the sealed tenders duly filled in will be received in the office of the General Manager (SG) on or **before 13.12.2013 up to 16.00 Hrs.** The tender should be signed, dated and witnessed in all pages wherever provided for in the document and also all other pages should be signed by the Authorized Signatory.

The General Manager (SG) reserves the right to award the supply order to the tenderer. This letter shall form the part of the contract and must be signed and returned along with the tender documents.

General Manager (SG)

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

NOTICE INVITING TENDER

Sealed tenders are hereby invited under two bids system (Technical bid & Commercial bid) on behalf of GM (SG), NSIC Technical Services Centre (Howrah), Balitikuri, Japani Gate, Howrah from reputed manufacturers/suppliers having supplied similar kind of **Machinery** as listed in page no. 8 for **ELECTRICAL TESTING LAB** so as to reach to GM(SG), NSIC-Technical Services Centre (Howrah), Balitikuri, Japani Gate, Howrah up to 16.00 Hrs. on 13.12.2013.

- | | | |
|----|---|--|
| a) | Name of the Supply | Supply & Installation of Machinery for Electrical Testing Lab as per details mentioned at Page No.-8 |
| b) | Estimated Landed Cost at Howrah Centre | As given in the page no.8 |
| c) | Cost of Tender document | Rs. 200/- |
| d) | Earnest Money Deposit (EMD) | As per Annexure-A. |
| e) | Delivery and Installation Period | Within two months from release of order |
| f) | Last date of submission of completed tender documents | 13.12.2013 up to 16.00 Hrs. |
| g) | Date of opening of Technical Bid | 13.12.2013 at 16.30 Hrs. |
1. Tender Documents may be downloaded from our web site www.nsic.co.in or may be collected from our office against payment of Rs. 200/-.
 2. The other Terms and Conditions applicable to this tender have been incorporated in the tender documents.
 3. The Competent Authority reserves the right to reject all or any tender wholly or partly without assigning any reason whatsoever.
 4. Units registered with NSIC under GP Registration Scheme are exempted from payment of Tender document cost and EMD.

5. No "C" & "D" Form will be issued by us.



ISO 9001:2008

Tender No.: NSIC-TSC/H/ELEC./03/13-14

INSTRUCTION TO THE TENDERERS

1. 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.
2. The tender document should accompany the cost of Tender document of Rs.200/- and EMD (As per Annexure-A) by D.D. in favour of **"The National Small Industries Corporation Ltd., Payable at Howrah**(Shall be submitted in Technical Bid).
3. The tender shall be complete with all documents. The tender received without tender fee and EMD shall be rejected outright.
4. The tenders shall be submitted in two separate sealed covers in the following manner

Technical Bid – Envelope- 1

Technical bid in one sealed cover (**mentioning tender no. on the top**) containing the forwarding letter of the tender, duly signed complete Tender document, list of latest customers who have been supplied Plant & Machinery for similar Projects, The Customer Feed Back, detailed description of the system, catalogue containing detail technical specification, list of essential spares to be supplied, ISO certification if any, details of manufacturing facility available in-house etc. alongwith the Demand draft for tender fee and EMD.

Commercial Bid- Envelope- 2

One sealed cover (**mentioning tender no. on the top**) containing Forwarding letter, Rate/Total cost as per tender document indicating ex-work price, excise duties, sales tax, other duties, Payment terms, freight, delivery period and installation charges etc. if any.

5. 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.

CRITERIA FOR QUALIFYING TECHNICALLY

The following points shall be considered for qualifying the technical bids.

1. Specification of the Tenderers must match or be nearest to our specified technical specification.
2. Offered system should comprise of latest technology.
3. Tenderers should have sufficient infrastructure to justify their competence of supplying the system. If felt necessary their infrastructure facility shall be inspected by a team of NSIC officers.
4. Tenderers must give the list of customers whom they have supplied similar sort of Plant & Machinery for similar Projects along with their address, name of the contact person and telephone no., e-mail address, Fax etc..
5. If the Tenderers has supplied machinery to NSIC earlier, should provide those details.
6. ISO Certification would give an added weight age marks.

7. **Note:** While assessing technical Competency weight age marks will be assigned for all the above parameters.



ISO 9001:2008

Tender No.: NSIC-TSC/H/ELEC./03/13-14

FORM OF TENDER

The General Manager (SG),
NSIC- Technical Services Centre
National Small Industries Corporation Ltd.
(A Govt. Of India Enterprise)
P.o. Balitikuri, Japani Gate, Howrah-711 113

Subject : Supply and Installation of Machinery for Electrical Testing Lab.

Dear Sir ,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. NOTICE INVITING TENDER
2. INSTRUCTION TO THE TENDERERS
3. FORM OF TENDER
4. TECHNICAL SPECIFICATION AND SCOPE OF SUPPLY
5. COMMERCIAL AND GENERAL TERMS AND CONDITION OF THE SUPPLY

We hereby submit our quoted rates valid for 90 days from the date of submission of tenders. Should our tender be accepted I/We agree :-

1. The tender document along with your letter of award or supply order shall constitute the bind contract between us and NSIC Technical services centre, Howrah.
2. In the event of failure to supply this item in full within the committed delivery period the order will be treated as cancelled.

SUPPLIER's SIGNATURE
Supplier Name & Seal

COMMERCIAL AND GENERAL TERMS & CONDITIONS

Price: - Price should be most competitive (EX- WORK PRICE).

Delivery and Installation Period: Within two months from release of Supply order. If delayed 0.5% per week will be deducted from the basic price of the machine. The Machines/ Equipment shall be supplied with Calibration certificate.

Validity of the Offer: - The offer should remain valid for a period of 90 days.

Guarantee Period: - The guarantee period should be minimum **one years** from the date of installation for any kind of defect, fault and malfunctioning.

Taxes and Duties: Taxes and duties if any shall be paid extra. No "C" & "D" Form will be issued.

Transit Insurance: - The machinery/ Equipment to be insured against damage during transit from the manufacturer's work to Howrah centre.

Freight: - Freight charges up to Howrah Centre should be at actual.

Packing: - The machinery/ Equipment shall be properly packed for safe arrival of the machine to Howrah centre.

Payment Terms:- In case the offer is accepted, payment would be released as under :
100% payment after satisfactory installation and operation of machines/equipments.

Installation and After Sales Service : The machines have to be Installed in Howrah centre by the manufacturer/supplier. The demonstration of operation of machine shall be provided by the manufacturer/supplier. The Tenderer shall have the facility to provide after sales service within a short notice.

LIST OF MACHINES FOR ELECTRICAL TESTING LAB., HOWRAH

Sl. No.	Name of Machine	Specification	Quantity	Rate (Rs.)	Total (Rs.)
1	<u>High Current Transformer</u> (Filled with oil)	1- Phase, 10 KVA, Input Voltage 230V, Output Current 2000 Amps, Cooling – Oil Natural, Exposed Copper Bar in output side = 100mm x 20mm x 300mm with drill. (Fitted with wheel for movement). Dimensions of transformer to be mentioned while quoting.	1 No.		
2.	<u>High Current Transformer</u> (Filled with oil)	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. (Fitted with wheel for movement). Dimensions of transformer to be mentioned while quoting.	1 No.		
3.	<u>Variac Transformer</u> (Filled with oil)	Output 240/270V, 1 Phase, 100A, Cooling -Oil Natural. (Fitted with wheel for movement). (Dimensions of transformer to be mentioned while quoting.)	3 Nos.		
4.	<u>Portable paper less Precision Digital Temperature recorder</u>	Specification: MV advanced series, MV2048-3-4-2-2-1-D (YOKOGAWA Make)., fitted with : 8 nos. of Temperature Sensor , Type:RTD PT -100, Length 6 Mtrs., Range 0 -200°C with sensor head cover of 3mm X25 mm., Acc. 0.5, Resolution : 0.1°C	1 set.		
5.	<u>Electrical Earthing System</u>	<ul style="list-style-type: none"> - Providing & fixing of copper plate(600x600x6 mm) at 3 mtrs depth, with 50x6 mm copper strips (2 nos.) upto the pit, - 25 mm dia medium class GI pipe upto 3 mtrs depth, complete with funnel for watering with 300 mm C.I. chamber covered with masonry works - Providing & fixing of pit with 40x3 mm copper strip to earth grid for about 4 mtrs. with brass nut bolts & other fixing accessories. - Supply of charcoal & salt mixture with soil upto the depth of 3 mtrs. (supplier is advised to physically survey the spot)	2 set		
Grand Total (Rs.)					

ANNEXURE-A

DETAILS OF EMD FOR MACHINERY OF ELECTRICAL TESTING LABORATORY

Sl. No.	Name of Machine	Specification	Quantity required	EMD (Rs.)
1	<u>HighCurrent Transformer</u> (Filled with oil)	1- Phase, 10 KVA, Input Voltage 230V, Output Current 2000 Amps, Cooling – Oil Natural, Exposed Copper Bar in output side = 100mm x 20mm x 300mm with drill (Fitted with wheel for movement). Dimensions of transformer to be mentioned while quoting.	1 No.	750.00
2.	<u>High Current Transformer</u> (Filled with oil)	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. (Fitted with wheel for movement). Dimensions of transformer to be mentioned while quoting.	1 No.	1000.00
3.	<u>Variac Transformer</u> (Filled with oil)	Output 240/270V, 1 Phase, 100A, Cooling -Oil Natural. (Fitted with wheel for movement). (Dimensions of transformer to be mentioned while quoting.)	3 Nos.	1000.00
4.	<u>Portable paper less Precision Digital Temperature recorder</u>	Specification: MV advanced series, MV2048-3-4-2-2-1-D (YOKOGAWA Make)., fitted with : 8 nos. of Temperature Sensor , Type:RTD PT -100, Length 6 Mtrs., Range 0 -200°C with sensor head cover of 3mm X25 mm., Acc. 0.5, Resolution : 0.1°C	1 set.	1000.00
5.	<u>Electrical Earthing System</u>	<ul style="list-style-type: none"> - Providing & fixing of copper plate(600x600x6 mm) at 3 mtrs depth, with 50x6 mm copper strips (2 nos.) upto the pit, - 25 mm dia medium class GI pipe upto 3 mtrs depth, complete with funnel for watering with 300 mm C.I. chamber covered with masonry works - Providing & fixing of pit with 40x3 mm copper strip to earth grid for about 4 mtrs. with brass nut bolts & other fixing accessories. - Supply of charcoal & salt mixture with soil upto the depth of 3 mtrs. <p>(supplier is advised to physically survey the spot)</p>	2 set	750.00

Note : EMD shall be submitted (in Technical Bid) in the form of DD or Bankers Pay Order in favour of "The National Small Industries Corporation Ltd., payable at Howrah / Kolkata.

SUPPLIER's SIGNATURE
Supplier Name & Seal