



Tender No.: NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01

TENDER DOCUMENT

for the

**Supply, Installation &
Commissioning
of
Electrical Lab Equipment's**

The National Small Industries Corporation Limited

(A Government of India Enterprise)

Tigaon Road, Neemka

Fairdabad-121004

Tel No. 0129-2401101, 2401102, 2401104

Email: ntscneemka@nsic.co.in

Website: www.nsic.co.in

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NOTICE INVITING TENDER

The National Small Industries Corporation Ltd.(NSIC), Neemka, Faridabad invites sealed tender in Two bid system (Technical & Commercial bid in two separate envelopes) from eligible and qualified Original Equipment Manufacturers / Authorized Distributors of OEM / Authorized Dealers of OEM for the Supply, Installation, Commissioning & Training at site for the **Electrical Labs Equipment's**.

The details are summarized below: -

a)	Tender number:	Reference number for inviting bids through this tender is NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01
b)	Purchaser	The National Small Industries Corporation Ltd. Which is a Government of India enterprise under the Ministry of Micro, Small & Medium Enterprises.
c)	Usage of Machine	The purchaser would place the machine in their educational training/ testing centre and shall be utilized for imparting skill and entrepreneurship development training.
d)	Scope of Tender:	Supply, Installation, Commissioning, Training & Testing to trainers.
e)	Specification/ details of machine:	The detailed specifications of machine are specified in tender and placed at Annexure-A
f)	Web page for details of tender	Web page: http://www.nsic.co.in/tenders.asp The prospective bidders are advised to remain in touch with the website for any update in respect of this tender.
g)	Locations of supplies	The machine(s) is proposed to be supplied at NSIC-Technical Services Centers at Neemka, Faridabad (Haryana). It may be noted that The Dy. General Manager of NSIC have full rights to cancel any location for supplies while placing the supply orders to selected bidder. The reason for cancellation of supply to any of the locations or all locations would not be disclosed.
h)	Earnest Money Deposit (EMD) along with Tender	The EMD of Rs. 50000/- (Rupees Fifty Thousand only) shall be submitted in the form of D.D. in favour of 'NSIC-Technical Services Centre, Neemka, Faridabad. A/c' payable at Faridabad and to be placed in the Technical Bid envelope while submitting the tender.
i)	Exemption from the payment of EMD and Tender fee	The exemption for the payment of EMD as well as tender fee will be applicable to the Udyog Aadhaar/ NSIC/ District Industry Centre registered units for the goods for which the said tender floated.

j)	Cost of Tender Documents	<p>The tender document can be collected from the office of Dy. General Manager, NSIC-Technical Services Centre, Tigaon Road, Neemka (Faridabad)-121004 in between the period from 10th Oct. 2017 to 1st November 2017 (except Saturday & Sunday) between 10:30 hours to 16:30 hours against payment of Rs. 1000/- (Rupees One thousand only) (Non-refundable) by way of demand draft, in favour of 'NSIC-Technical Services Centre, Neemka, Faridabad. A/c' payable at Faridabad.</p> <p>Alternatively, tender form can be downloaded from our website www.nsic.co.in from 10th Oct. 2017. In case the tender downloaded for submission of offer, the tender fee of Rs. 1000/- in form of demand draft in favour of 'NSIC-Technical Services Centre, Neemka, Faridabad. A/c' payable at Faridabad. shall be enclosed with Technical Bid of the tender while submitting the tender.</p>
k)	Last date of submission of tender	<p>Tender must be delivered to the address below on or before 1st November 2017 up to 15.00 hours. Late bids will be rejected.</p> <p>The Deputy General Manager, NSIC- Technical Services Centre, Tigaon Road,Neemka, Fairdabad-121004</p>
l)	Date of opening of Technical Bid (Envelope-1)	<p>The technical bid for the tender shall be opened on 1st November 2017 at 16:00 hours at the address as under:</p> <p>The Deputy General Manager, NSIC- Technical Services Centre, Tigaon Road,Neemka, Fairdabad-121004</p>
m)	Date of opening of Commercial Bid (Envelope-2)	<p>The date for opening second envelope containing Commercial Bid will be intimated to the qualified bidders separately.</p>

Note: In case of any further details required, the same can be collected from the office of Chief General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, New Delhi from **10th Oct. 2017 to 1st November 2017** (except Saturday & Sunday) between 10:30 hours to 16:30 hours.

Deputy General Manager,
NSIC- Technical Services Centre,
Tigaon Road,Neemka, Faridabad

INSTRUCTIONS TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions, as under.

1. Abbreviations:

Throughout this tender document", the word/ term:

- a) "NTSC" means NSIC-Technical Services Centre
- b) "NSIC" means The National Small Industries Corporation Ltd.
- c) "day" means Calendar day
- d) "working day" means Monday to Friday in week
- e) "tender" means tender number **NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01**
- f) "machine" means the machines/ equipment/software/accessories as detailed at Annexure-A.
- g) If context so requires, "singular" means "plural" and vice versa.
- h) "EMD" means Earnest Money Deposit.
- i) "Purchaser" means The National Small Industries Corporation Ltd
- j) "Bid" means the document and financial details submitted by bidder.
- k) "Bidder" means the eligible and qualified Original Equipment Manufacturers / Authorized Distributors/ Authorized Dealers.
- l) "Tenderer" means the eligible and qualified Original Equipment Manufacturers / Authorized Distributors/ Authorized Dealers.
- m)"OEM" means Original Equipment Manufacturer

2. Eligible Bidder:

- a) The intending Bidder, in case of Original 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, as asked in this tender, for the last Five (05) years.
- b) The original equipment manufacturers shall possess ISO Certificate for their establishment. The copy of the valid ISO Certificate shall be placed with the Technical Bid.
- c) The intending Bidder, in case of Authorized Distributor of OEM / Authorized Dealer of OEM shall possess valid authorized Distributorship / Dealership license from Original Equipment Manufacturers who should have valid ISO Certificate and shall be engaged in regular manufacturing and supply of similar machine for the last Five (05) years. The Bidder shall enclose the copy of the same in Technical bid while submitting the tender.

3. Location of supplies:

- a) The details of locations where the machine(s) supplied through this tender are as under:

#	Location	Address for supplies
1	Neemka, Faridabad, Haryana	NSIC- Technical Services Centre, Neemka, Distt. Faridabad.

- b) The bidder is free to inspect the location(s) in the premises before submitting the bid under this tender.
- c) It may be noted that Deputy General Manager, NTSC Neemka, Faridabad have full rights to cancel the Tender even after calling the offers from bidders but before the issue of supply order to execute the supply by the bidder. The reason for cancellation of supply to the designated location would not be disclosed.

4. Scope of Supplies:

- a) The material shall be supplied in compliance to the specifications mentioned in Annexure- A of the tender.
- b) The specifications of the machine as mentioned in the Annexure- A are the requirements of tender, however higher specifications of machine may be considered subject to their cost economics i.e. competitiveness in financial terms for the particular location.
- c) After the supply of machine as mentioned in the Annexure A, the bidder has to execute its installation & commissioning at the designated site in the location(s). No extra cost shall be paid for this reason.
- d) After the installation & commissioning of machine, the training to the local trainer shall be given for Days (05) working days wherein the training about the machine's operations, maintenance, information about Do's & Don'ts as well as trouble shooting & all other areas which are necessary for smooth functioning of machine shall be provided to at least two persons designated by purchaser, at site, by the bidder. No extra cost shall be paid to the successful bidder for imparting this training.
- e) The bidder shall offer on-site comprehensive warranty of machine for at least Three years from the date of successful commissioning of machine at the designated location. The purchaser is not liable to pay any extra charges on any account during warranty period.

5. Delivery

- a) The purchaser interested for complete delivery of machine by the bidder within Forty (45) calendar days from the date of issue of supply order. However, the bidder have an option to submit the best delivery time, but in any case the delivery should be before 45 days from the date of issue of supply order by purchaser.
- b) The material shall be inspected on receipt at site and bidder shall be responsible for any damage during the transit of machine/ equipment.
- c) The bidder shall not arrange part shipments and/or trans-shipments without the permission of purchaser. The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/Installation & Commissioning shall be obtained by the bidder in his own name and not in the name of purchaser. The purchaser will as soon as possible but not

later than 30 days from the date of arrival of goods at destination shall notify the bidder of any loss or damage to the goods.

6. Warranty

- a) The bidder shall offer on-site comprehensive warranty of machine for three (3) years from the date of successful commissioning of machine at the designated location & shall cover each and every part of the machine including parts having limited life etc. The purchaser is not liable to pay any extra charges on any account during warranty period.
- b) The bidder shall pay to the purchaser such compensations that may arise by reasons of the warranty therein contained but not attended by the bidder.
- c) Any part or parts fail or proved defective within the on-site warranty period specified above, owing to defect in design, material or workmanship, the bidder shall have to replace them at the place of installation without asking for any charges.
- d) During the warranty period, expert(s) shall be deputed at site by the bidder within three working days from the date of request from purchaser, to rectify and fixing the defects of machines at the location where machine supplied. The cost of deputation of expert(s) and any other associated expenditure shall be borne by the bidder.

7. After Sales Services

- a) The bidder shall ensure to render after sales services during the warranty period to the satisfaction of purchaser.
- b) The bidder will depute their engineer within three working days to attend the service call received in writing from purchaser.

8. Manuals:

- a) The bidder to supply three (3) sets of the following manuals in hard format and one (1) soft format along with machine:
 - i. Installation Manual
 - ii. Operation Manual
 - iii. Maintenance Manual

9. Tender documents:

- a) The tender document can be collected from the office of Dy. General Manager, NSIC-Technical Services Centre, Tigaon Road, Neemka (Faridabad)-121004 in between the period from **10th Oct. 2017 to 1st November 2017** (except Saturday & Sunday & Gazetted holidays) between 10:30 hours to 16:30 hours against payment of Rs. 1000/- (Rupees One Thousand only) (Non-refundable) by way of demand draft, in favour of '**NSIC-Technical Services Centre, Neemka, Faridabad. A/c**' payable at Faridabad.

Alternatively tender form can be downloaded from our website www.nsic.co.in from **10th Oct. 2017 to 1st November 2017**. In case the tender downloaded for submission of offer, the tender fee of Rs. 1000/- in form of demand draft in favour of '**NSIC-Technical Services**

Centre, Neemka, Faridabad. A/c' payable at Faridabad shall be enclosed with Technical Bid of the tender while submitting the tender.

The other option is to pay Rs. 1000 by RTGS/NEFT to the bank of purchaser as detailed under:

ACCOUNT NAME	BANK NAME	BANK A/C NO.	BANK IFSC CODE
NSIC-Technical Services Centre, Neemka	Corporation Bank, Sec-14 Faridabad	124601601000320	CORP0001246

The bidder is requested to attach the Bank Statement / RTGS Slip in the Technical Bid, to prove the transfer of payment to the purchaser's Account.

- b) At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum. The prospective bidders are advised to remain in touch with the Website for any update in respect of this tender.

10. Authorization for submission of tender:

- a) The original and all copies of the bid shall be signed by a person duly authorized to sign on behalf of the Bidder. The written confirmation of authorization (in form of letter on the bidder's letter head) to sign on behalf of the bidder confirming the signature as a person duly authorized to sign should be attached with the technical bid of the tender.
- b) The person signing the tender form or any other documents on behalf of the Bidder shall be deemed to warrant that he has authority to bind the Bidder. If subsequently comes to light that the person so signed had no authority to do so, the purchaser may without prejudice to any other civil & criminal remedies cancel the tender and hold the Bidder liable for all costs, charges and damages.

11. Earnest Money & Tender Fees Deposit:

- a) The EMD shall be submitted in the first envelope super-scribed as "Technical Bid", of prescribed amount by way Demand Draft drawn in favour of "**NSIC-Technical Services Centre, Neemka, Faridabad**". **A/c'** only for the Machine(s) quoted by the Bidder. No cash towards EMD shall be accepted. The offers without EMD from the Bidders shall be rejected.
- b) In case tender documents downloaded from website, Tender Fee of Rs. 1000/- shall be submitted by way of D.D. drawn in favour of '**NSIC-Technical Services Centre, Neemka, Faridabad A/c'**' along with the Technical Bid of the tender documents. Tender fees is non-refundable. The option for payment by RTGS/NEFT is also available and bank details of purchaser, are as under:

ACCOUNT NAME	BANK NAME	BANK A/C NO.	BANK IFSC CODE
NSIC- Technical Services Centre, Neemka	Corporation Bank, Sec-24 Faridabad	124601601000320	CORP0001246

The bidder is requested to attach the Bank Statement / RTGS Slip in the Technical Bid, to prove the transfer of payment to the purchaser's Account.

- c) EMD and tender Fee submission is exempted for the bidders those having valid registration under Udyog Aadhaar, Single Point Registration Scheme of NSIC and all micro and small enterprises registered with Director of Industries from DIC for the machine for which this tender issued. To support this, the self-certified scan copy of such valid registration/ exemption certificate is to be attached with technical bid.
- d) The Purchaser shall not be liable for payment of any interest on EMD.
- e) Any request by the bidders to consider their EMD already furnished by them to any of the other office of the purchaser, for any other contract/ tender will not be considered as EMD for this tender.
- f) 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 20% payment as per payment terms mentioned at Para 25 of instructions of Tender.

12. Special Provision for Micro & Small Enterprises: -

Micro and Small Enterprises (MSEs) participating in the tender will be given benefit as per Public Procurement Policy, 2012. Further, the MSEs owned by SC/ST entrepreneurs will also be given benefits as per Public Procurement Policy, 2012. The Definition of MSEs owned by SC/ST is as given under:

- (a) In case of proprietary MSE. Proprietor shall be SC/ST
- (b) In case of partnership MSE, the SC/ST partners shall be holding at least 51% shares in the unit
- (c) In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters.

13. Submission of Tender:

- a) The bidder to examine all instructions, forms, terms and specifications in the tender documents and to furnish with its bid all documents or information as required by bidding document.
- b) The language for all the correspondence and documents related to the tender shall be in English/ Hindi only. Moreover, the printed literature/technical details for the machine shall also be in English/ Hindi.

- c) The tender must be placed in a properly sealed bigger envelope addressed to The Dy. General Manager, NSIC-Technical Services Centre, Tigaon Road, Neemka (Faridabad)-121004 and the said bigger envelope shall contain two sealed envelopes containing Technical & Commercial bids. The bigger envelope must be super-scribed "**Tender for the purchase of Electrical Labs Equipment's**" 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, Commissioning of **Electrical Lab Equipment- Technical Bid**"*

*Envelope No-2: The said envelope is for Commercial bid & shall be super-scribed as "Tender for the Supply, Installation, and Commissioning of **Electrical Lab Equipment's-Commercial Bid**".*

- d) If both or either of the envelope are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
- e) 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.
- f)Tenders received in open covers/ letters/ fax/ email will not be considered.

14. Financial Bid Submission:

- a) Bidder shall take into account of all costs including Packing, Freight, Transportation Cost with included unloading of machine at the location of the purchaser for giving delivery of material at site(s) as detailed at Para 3 of "Instructions to the Tenderer" before quoting the "Price of Machines before GST" in the Commercial Bid.
- b) The "Price of Machine before GST" shall remain firm & inclusive of all costs involved for the delivery to the destination(s) which include the cost of Installation & Commissioning at destination, Training to the local trainer (as detailed at Para 4(d) of "Scope of Supplies" of this tender), Cost of services to be provided during Comprehensive Warranty of two years. (Refer Para 4 (e) of "Scope of Supplies" of this tender.
- c) No extra payment or revision of "Price of Machine before GST" shall be accepted on account of any discrepancy in nomenclature of items. The Bidder is advised to seek clarification, if any, desired before submitting the tender.
- d) No representation for the revision of the quoted "Price of Machine before GST" shall be considered till the supplies are completed to the designated location(s).

15. Last date of submission of Tender:

- a) The tender should reach the office of the Deputy General Manager, NSIC-Technical Services Centre, Neemka, Faridabad **by 1st November 2017 up to 15.00 hours.**
- b) The purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Tender Documents, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended. The prospective bidders are advised to remain in touch with website for any update in respect of their tender.
- c) The purchaser shall not consider any bid that arrives after the deadline for submission of bids. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected and returned unopened to the Bidder.

16. Opening of Technical Bid:

- a) The technical bid of tenders will be opened at NTSC-Neemka **on 1st November 2017 at 16:00 Hours.** The Bidder or their authorized representative (One person only) may be present at the time of opening of the tender.

17. Opening of Commercial bid

- a) The Commercial Bid of only technically qualified bidders will be opened on the stipulated due date. The date & time for opening of Commercial Bid shall be intimated to the technically qualified bidders through email, after the evaluation of Technical Bid.

18. Validity of tender:

- a) The tender shall be valid for a period of 90 days from the date of opening of the Technical Bid of tender. Terms and Commercial details submitted in the bid shall be treated as firm during the said period of 90 days.
- b) In exceptional circumstances, prior to the expiry of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.

19. Evaluation of Bids:

- a) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.
- b) If there is an error in a total corresponding to the addition or subtraction of sub totals, the subtotals shall prevail and the total shall be corrected; and
- c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to

an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

- d) To assist in the examination, evaluation, comparison of the bids and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing only.
- e) If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.
- f) The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to supply order, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically Bid document, EMD deposits shall be promptly returned to the Bidders.
- g) The competitiveness of the bid shall be made on individual location basis. The bidder shall offer their competitive offer for the individual location. Since the evaluation of bid shall be made on individual location basis instead of competitiveness to be evaluated on the basis of total value of bid for all three locations, there may be chances that different bidder(s) would be selected for the different locations to supply.
- h) The Purchaser shall compare the evaluated prices of all substantially responsive bids to determine the lowest evaluated bid for a particular location. The comparison shall be on the basis of landed cost at individual destination.
- i) At the time the Contract is awarded, the Purchaser may increase the Quantity of machines without any change in the unit prices or other terms & conditions of the bid and the Bidding Documents subject to the acceptance of bidder in writing for the same.
- j) The purchaser have right to verify the particulars furnished by the bidder independently.

20. Earnest money forfeit:

- a) If any Bidder withdraws his tender before the period of 90 days from the date opening of technical bid or makes any modifications in the terms and the conditions of the tender which are not acceptable to the purchaser, then the purchaser shall, without prejudice to any other rights or remedy, be at liberty to forfeit the EMD.
- b) The EMD will also 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 with specifications as mentioned in Annexure-A
 - iii. If the bidder delays supplies beyond a reasonable time resulting in disruption of project.

- iv. Bidder for any reason whatever, withdraws the tender after it is accepted or become unable or fails to execute the orders within stipulated delivery period
- v. Submission of misleading/contradictory/false statement or information and fabricated/invalid documents is detected before or after the issue of order to execute the supplies.
- vi. The successful bidder does not submit Indemnity Bond within the prescribed time.

21. Notification of award:

Prior to the expiry of the period of bid validity, the purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter shall specify the sum that the Purchaser will pay to the bidder in consideration of the supply of Machines with the details of selected location(s).

22. Pre-dispatch inspection:

A pre-dispatch inspection by 4th party/ technical team of purchaser may be carried out at bidder's site of manufacturing machines. This pre-dispatch inspection will not absolve bidder's responsibility to execute supply in accordance with the tender terms.

23. Packing:

- a) The bidder shall provide packing of the machine/ equipment, as is required to prevent their damages or deterioration during the transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit. In case the consignment received with damaged packaging, the purchaser would not accept the delivery.
- b) 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 material and mode of transport. The bidder shall be responsible for any loss/ damage to material during transportation to the designated location.

24. Delivery Time:

- a) The bidder shall indicate the period within which the ordered quantity will be supplied. The bidder shall note that in case bidder fails to supply within the period of delivery indicated by the bidder in technical bid of this tender, penalty @ 1% of value of the order per week of delay would be levied subject to maximum 4 weeks. It means, the bidder shall have the liability of delayed supply to the maximum of 4 weeks after expiry of scheduled delivery date. After that the supply order shall be cancelled and EMD will be forfeited and bidder will be debarred from participation in any future tenders.
- b) The successful Bidder shall, within a week from the date of receipt of communication of acceptance of quotes from purchaser shall intimate his acceptance of the order. The successful bidder shall complete supplies strictly as per the accepted delivery period.

25. Payment:

- a) The 80% payment of total bill will be made by the purchaser by crossed account payee Cheque/RTGS/NEFT for which the bidder shall send bills in duplicate (original + copy) after Supply, Installation, commissioning of machine, giving the reference number of the purchase order along with copies of delivery note & satisfactory report on the Installation of machine(s), from designated purchaser department. The details about the designated purchaser department who is authorized to take the delivery of machine(s) shall be informed to the successful bidder through the supply order placed for the supply of machine(s).
- b) The 20% payment of total bill along with EMD deposit will be released to bidder after Two months from the date of completion of training to trainers at site and on submission of Indemnity bond by the successful bidder for rendering services during warranty period.

26. Causes of rejection of tender:

- a) 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.
- b) If any Bidder stipulates any condition of his own, such conditional tender is liable to be rejected.

27. Claims:

- a) If the material supplied are found to be off size and shape different than those in the accepted offer and are of specifications lower than those stipulated in the accepted offer, the purchaser shall have right to totally reject the machine/ equipment and/or to claim for compensation from bidder. The bidder shall reimburse to purchaser, the claim lodged in writing within 15 (fifteen) days of its demand. The bidder shall also compensate for losses, if any, sustained by purchaser due to defective packing and/or wrong marking of the machine/ equipment.
- b) The bidder shall be responsible for arranging the rejected machine/ equipment to be removed at his cost from purchaser premises.

28. Address for communication:

- a) All the communication with respect to the tender shall be addressed to:

**The Deputy General Manager,
NSIC- Technical Services Centre,
Tigaon Road, Neemka, Faridabad-121004.**

29. Force Majeure:

- a) In the event of any unforeseen circumstances directly interfering with the supply of goods/work/service arising during the execution of order such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, earthquakes, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Bidder shall, within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Either party shall have the option to terminate the contract on expiry of 90 days of commencement

of such force majeure by giving 14 days "notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other.

30. Code of Ethics:

- a) The Purchaser as well as the Bidder shall observe the highest standard of ethics including laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988", during the procurement or execution of such contracts. If the bidders are found in Bid pooling or against law against fraud and corruption, then their firms may be blacklisted.

31. Jurisdiction:

- a) In the event of any dispute the legal matter shall be subjected to the jurisdiction of Delhi Court only.

We confirm with our acceptance to the instructions (S.No-1 to 31 above) as given above.

BIDDER'S NAME & SIGNATURE WITH SEAL

These duly signed "Instructions to the Tenders" as under shall be attached with technical bid of the tender as a mark of acceptance of bidder and any tender not confirming the instructions as under is liable to be rejected.

Details of requirements and technical specifications of Electrical Labs Equipment's

Name of the Machine: **Electrical Labs Equipment's**

a) **Equipment requirement:**

Sr Particulars/ Specification	Qty. Estimated No
1. BASIC ELECTRICITY AND MEASUREMENT LABORATORY	
1.1 Measuring Instruments: Portable moving coil permanent magnet 150 mm uniform scale with anti-parallax mirror, knife edge pointer, housed in teak wood/ebonite case, accuracy 1.0% (Standard make)	
a) Ammeter 0-5-10 Amp	6
b) Ammeter 50 mA , 100 mA, 1000 mA	6
c) Ammeter 0-10 Amp – 20 A	6
d) Ammeter 0 -2.5- 5 Amp	6
e) Voltmeter 0-30 V	6
f) Voltmeter 0-10-15 V, 0-200 – 300 V, 0-200-500 V	6
1.2 Stabilized DC Power Supply With maximum regulation of 0.01 to 0.05% Ripple in output less than 1 mv (rms), stability 0.2% + 30 mV, input supply 230V AC single phase, 50 Hz and DC output 0-10V,0-1.5A and also with short circuit (0-30 V) and over load protection with measuring devices	6
1.3 Lead Acid Batteries 12 V, 11 plates, 30-amp hour capacity	2
1.4 Battery Charger: SCR based automatic 12 V, AC input voltage 230 V, output dc voltage 0-12 V, 0-2 amp. capacity provided with voltmeter, Ammeter of suitable range	1
1.5 Sliding Rheostats: Wound with evenly oxidised iron free Nickel copper wire on vitreous enameled round steel tube. Contactors should be of laminated phosphor bronze sheet, Resistance tolerance ranges + 20% or 5% double tube	2
1.6 Standard Resistance: 0.01 ohm,10 amp. Fixed on Bakelite base with brass terminals, 4 terminal arrangement, immersed in moisture free oil contained in a vessel sealed from the top	2

Sr Particulars/ Specification	Qty. Estimated No
1.7 Decade Resistance Boxes: Constantan coils, Accuracy + 0.5% to 1% single dial 10x10x10, 10x1000, 10 x10000 ohms.	1
1.8 Capacitors: enclosed in a polished hard wood/bakelite box, with four brass terminals	6
1.9 Resistance Box: Constantan coils ratings 1 ohm to 10 megaohm	1
1.10 Spot Reflecting Galvanometer: Housed in bakelite case with lamp scale arrangement, Taut band type movement, shock proof, scale 150 mm long lamp operated on 220 V, AC mains, with shunt multiplying power of 1/10, 1/100, 1/1000, Resistance 125 ohm, sensitivity 0.04 micro amp. per mm , critically damped, time period 2 sec.	1
1.11 Hydrometer for measuring specific gravity of lead acid battery range 1100 - 1300	6.
1.12 Cell discharge tester: used for testing voltages of cells and batteries centre zero, housed in bakelite case with wooden handle movement, permanent magnet and moving coil type, knife edge pointer, range 3-0-3 volts	1
1.13 Digital Multimeter: Three and half digits LCD display, manually operated multimeter with AC/DC, 1A current resistance upto 10 Mohm, complete with leads manual and batteries, accuracy 0.5% for dc and 1% for AC measurement Voltage upto 1000V	1
1.14 3-Way Key fixed in bakelite with brass terminals	1
1.15 Reversing switch: Switch frame double sided, external connection provision for reversing, silver contact, phosphor bronze blades operated by insulated lever, six terminals to connect external loads 5A/10 amp	1
1.16 Earth tester: 500 volt, 0.10-100 ohms with 3/4 terminals, complete with all accessories (hammers, screw driver, 3 spikes with connecting leads, as per ISS) Accuracy + 1% FSD, housed in teak wood/ebonite case, with leather case	2

Sr Particulars/ Specification	Qty. Estimated No
1.17 Moving Iron Voltmeter/Ammeter: Portable moving iron measuring Instrument, housed in teak wood/ebonite case, scale 150 mm knife edge pointer, with anti mirror, critically damped, accuracy 1% FSD	
a) 0-500 mA-1000 mA	2
b) 0-5-10 amp	8
c) 0-2 amp	1
d) 0-125-250 volts	5
e) 0-250-500 volts	4
1.18 Wattmeter: Portable dynamometer type, housed in teak wood/ebonite case, scale 150 mm knife edge pointer with anti-parallax, current range 0-5-10 amp Voltage range 0-250-500 volt or 125-250 volt	3
1.19 Rheostats: Sliding Rheostats wound with evenly oxidized iron free nickel copper on vitreous enameled round steel tube. Contactors should be made of laminated phosphor bronze sheet. Resistance tolerances + 2%	
a) Single tube 150 ohm – 2 A	3
b) Single tube 300 ohm – 5 A	3
c) Double Tube 500 ohms – 20 A, 30 A	3
d) Double Tube 440 ohms – 3 A	3
e) Double Tube 110 ohms – 10 A	3
1.20 Dimmerstat: Single phase 0-230 V, output 0-270 V, 10A	2
1.21 Inductance: Coil mounted provision for change in value, well polished teak board with terminals fitted with 2.5 Kg variable core	3
1.22 Variable Inductor: Single phase, 250 V, mounted on well-polished teak wood frame with terminals, 2.5 kW, continuously variable core type.	1
1.23 Energy meters:	
a) single phase, induction type, 50 Hz, 5A/10A, 250 V, accuracy + 1%	3
b) 3 phase, Induction type, 4 wire, 440 V, 20-40A, 50 Hz, accuracy + 1%	3
1.24 Substandard energy meter	
a) single phase, Induction type 50 Hz, 5A/10A 250 V	1
b) 3 phase, Induction type, 4 wire. 440 V 10 A, 50 Hz.	1
1.25 Phase Regulator: 10A, 250V, 2.5 KVA variable power factor and lagging to leading arrangement indicator	1

Sr Particulars/ Specification	Qty. Estimated No
1.26 Power Factor Meter: Dynamometer type, eddy current type damping, frequency 50Hz, scale length 150mm, current range upto 20 amp, voltage range 300 volts, PF range 0.5 lag, unity, 0.5 lead, Wood/ebonite, with antiparallax mirror, knife edge pointer.	1
1.27 Load: 3 phase variable resistive load, 415 V, 10 KW, trolley mounted tube type provided with switches to vary the load in twenty steps,	2
Continuously variable inductive load, 415 V, 10 kW terminal for end connections	1
1.28 LCR/Q Bridge: Capable of measuring resistance inductive and capacitance of range, 8 amps. 0.012 to 10 Mega ohm, 4 to 10000 H, 0.5 pico farad to 10 F Direct reading of the factor from 0.15	1
1.29 Frequency meter:	
a) Digital, 4 digit LED display frequency meter suitable for use on 230 V AC main supply range 20-99 Hz	1
b) Vibrating Reed type 230 V, having 21 reed 40-60 Hz. abs Body	1
c) Moving Coil type, portable housed in phenolic moulded body with antiparallax mirror. Scale and knife edge pointer, range 40-60 Hz, 230 V	1
1.30 Phase sequence indicator: Portable, housed in a plastic moulded casing, rotating disc type, supported with one meter long red, yellow and blue leads with clips, rating 30 sec. 500 V, burden 15 VA voltage 50 to 500 V (Horizontal) frequency 25 to 50 Hz.	1
1.31 Max. Demand Indicator: Suitable for 3 phase 4 wire 3x230 V ac 50 Hz unbalanced Load, C.T operated 100/5 A with integrated time 30 minutes as per ISS 72.2	1
1.32 Flux meter: Operated on 230 V ac portable with selector switch, output, 10 mV on all ranges 0-50, 0-100, 0-200, 0-500, 0-1K, 0-2K, 0-10K gauss. Accuracy + 1% with built in calibration	1
1.33 Thevenin Theorem Module: complete with accessories and the measuring instrument, operated by 6 volt dc supply	1
1.34 Norton theorem Module: Complete with accessories and measuring instruments operated by 6 volt dc supply	1
1.35 Maximum Power transfer theorem module complete with accessories and measuring instruments operated by 6 volt dc supply	1

Sr Particulars/ Specification	Qty. Estimated No
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- | | |
|---|---|
| 1.36 AD trains formulation: Module complete with accessories and measuring instruments, operated at 6 volt dc supply | 1 |
| 1.37 Schering Bridge: Operated on 6-volt dc. supply complete with accessories built to measure directly value of capacity and loss angle. | 1 |
| 1.38 Cathode Ray Oscilloscope 10 MHz Vertical deflection Bandwidth DC-10 MHz(-3db) Rise time 30 ms, Deflection coefficient 12 calibrated steps, 5 mV/cm to 20 V in input impedance 1 M ohm started by 25 p.f input coupling DC-AC-GND Max. input voltage-500 V(DC+ peak AC) | 1 |
| 1.39 Horizontal Deflection: Bandwidth 1Hz to 1 MHz (+6 dB); Test voltage of 1.6 V, test current 28 mA, Test Frequency, 50 Hz. | |
| 1.40 Transformer: Single phase, core type, natural air cooled, 230/110 V, 1 KVA, 50Hz | 1 |
| 1.41 Shunt: 0-75 A | 1 |

2. ELECTRICAL MACHINES LABORATORY

- | | |
|--|---|
| 2.1 Static Converter: 3-Phase, 415 V, 50 Hz, output 230 V dc 15 KW, regulation + 1%, servo controlled, thyristorised | 1 |
| 2.2 DC Shunt Motor - Shunt Gen. Set: DC shunt motor 230 V, 3 kW, 1440 rpm coupled with DC shunt generator, 230 V, 3kW, complete with appropriate panel board with meters, switches, indicators starter and field regulator | 1 |
| 2.3 DC Shunt Motor - Series Gen. Set: DC shunt motor 230 V, 3 kw, 1440 rpm combined with DC series generator, 230 V, 3kw, complete with appropriate panel board, starter and field regulator | 1 |
| 2.4 DC Compound motor Gen. set.: DC shunt motor 230 V, 3 kW, 1440 rpm coupled with DC compound generator, 230V, 3kw, complete with appropriate panel board, starter and field regulator | 1 |
| 2.5 DC Compound Motor: Motor with interpoles 230 V, 3 kW, 1440 rpm with field regulator, starter and braking(eddy current or drum pulley) arrangement with appropriate panel board | 1 |

Sr Particulars/ Specification	Qty. Estimated No
2.6 DC Series motor: DC series motor with interpole/compensating winding, 230 V, kw, 1440 rpm with breaking (eddy current or drum pulley) arrangement and appropriate panel board and over speed safety precautions e.g. light shunt winding etc.	1
2.7 DC Motor-alternator set: DC shunt motor 230 V, 3 kw, 1440 rpm coupled with 3 phase 440 V, 50 Hz alternator having damper winding with exciter complete with appropriate panel board, starter and field regulators	1
2.8 Squirrel Cage Induction Motor: 3-phase squirrel cage induction motor 3 Kw, 415 V, 50 Hz, 1440 rpm all six terminals brought out, complete with appropriate panel board, starter etc.	1
2.9 Slip ring Induction motor: Three-phase, wound rotor induction motor, 3Kw, 415 V. 50 Hz, 1440 rpm with stator and rotor terminals brought out coupled with a dc shunt generator, 230V, 3 KW with appropriate panel board and starter	1
2.10 Pole Changing/Winding Study Motor: Three phase double speed, 440V. 50 Hz, 1-3 Kw induction motor with all the coil terminals brought out for connecting winding for different speeds	1
2.11 Single phase Induction Motor(various types):	
a) Capacitor start with centrifugal switch 0.5 KW with suitable loading arrangement and appropriate panel board.	1
b) Shaded pole type,0.5 KW,230 V,50 Hz with suitable loading arrangement and appropriate panel board	1
2.12 Universal motor: 230V, 50 Hz, Universal motor, 0.5 KW	1
2.13 Hysteresis motor: 230V, 50 Hz, Hysteresis motor, 0.5 KW	1
2.14 Servo motor: 230V, 50 Hz, Servo motor	1
2.15 AC commutator motor: 230V, 50 Hz, ac (Repulsion type) commutator motor 0.5 KW with suitable loading arrangement	1
2.16 1-phase transformer: Single phase transformer, 230/115 V, 50 Hz, 3 KVA housed in a metal tank	2
2.17 3-Phase transformer: Three phase transformer, 415/230V,50 Hz, 5 KVA all terminals brought out, housed in a metal tank	2

Sr Particulars/ Specification	Qty. Estimated No
2.18 Scot-connection Transformer: Single phase transformer, 230/115V, 50 Hz, with tapping at 86%, 50% housed in a metal tank and all terminal brought out	2
2.19 Variacs:	
a) One phase, 230 V, 50 Hz, 8-A auto transformer continuously valuable, housed in a metal body, portable	3
b) One phase, 230 V, 50 Hz, 15-A transformer continuously valuable, housed in a metal body, portable	2
c) Three phase, 230 V, 50 Hz, 30 A, 415-V transformer continuously valuable housed in a metal body, portable phase	3
2.20 Loading Rheostats:	
a) Resistance type, single phase, 230V, 15A, each natural air cooled, housed in metal body fitted with switches and mounted on trolleys	3
b) Resistance type, three phase 440V, 15A, natural air cooled, housed in metal body, switches and base wheels, six terminals brought out	1
c) Continuously variable choke type loading coil, coil upto 15A, three phase, 440V, 50Hz, housed in a metal case on wheels (Trolley Aid)	2
d) Capacitor bank, variable in steps through switches, 440V, 3 phase, 15A max. housed in a portable metal case	1
2.21 AC motor Starters	
a) DOL starter, suitable for 415V, 3 Phase, 50 Hz, 3kw induction motor	1
b) Auto transformer starter for 3 phase, 415 V, 50 Hz, 5 Kw induction motor with facility of tappings	1
c) Star-delta starter suitable for 415V, 3 Phase, 50 Hz, 5 kw induction motor	
(i) Manual	1
(ii) Automatic	1
2.22 DC Motor starters:	
a) DC shunt motor starter, three point suitable for 230V, 3 kw motor	1
b) -Do- 4 point	1
2.23 Rheostats: Wire wound Rheostats (Approx. of following rating)	
440 Ohm, 3A	15
110 Ohm 8A	10

Sr Particulars/ Specification	Qty. Estimated No
2.24 Tachometer: Digital non-contact type tachometers 0-10,000 rpm, 3 1/2 digit	4
2.25 Stroboscope: with calibrated dial for frequency/rpm measurement	1
2.26 DC Ammeters: Portable moving coil permanent magnet 150 mm uniform scale with anti-parallax mirror, knife edge, pointer, housed in a teak wood/ebonite case, accuracy + 1-5%	
a) Ammeter 0-3 amp	6
b) Ammeter 0-25 amp	6
c) Ammeter 0-50A	6
2.27 DC Voltmeters Portable moving coil permanent magnet 150 mm uniform scale with anti parallax mirror, knife edge pointer, housed in a teak wood/ebonite case, accuracy + 1-5%	
a) 0-15	4
b) 0-50	2
c) 0-150	3
d) 0-300	10
e) 0-600	1
2.28 AC Ammeters Portable moving iron, 150 mm uniform scale with anti parallax mirror, knife edge pointer, housed in a teak wood/ebonite case, accuracy +1.5%	
a) 0-1A	3
b) 0-3A	3
c) 0-10A	7
d) 0-20A	7
2.29 AC Voltmeters Portable moving iron 150 mm uniform scale with anti parallax mirror, knife edge pointer, housed in a teak wood/ebonite case, accuracy +1.5%	
a) 0-1V	3
b) 0-15V	3
c) 0-30/60 V	4
d) 0-150/300 V	10
2.30 Multimeter:	
a) Digital/type: 3 1/2 digit LCD display manually operated multimeters with AC/DC 10 A and 10 mega ohm, accuracy ± 0.5% for DC and ±1% for AC	2
b) Indicating type DC voltage: Sensitivity 10 k ohm/v range -300 kV, 1, 3, 10, 30, 100, 300, 1000V; AC voltage - sensitivity 10 K ohm/V Range 1,3,10, 30, 100,300,1000V etc.	2

Sr Particulars/ Specification	Qty. Estimated No
2.31 Wattmeters: Portable dynamometer type: Portable dynamometer measuring instrument housed in a teak wood/ebonite case scale 150 mm, knife edge pointer with antiparallax mirror, critically damped, accuracy + 1%	
a) 75/300/600 V and 1.5/3A (LPF)	2
b) 75/300/600 V and 1.5/20A (UPF)	2
c) 75/150/300 V and 15/30A	4
d) 110/220/440 V and 15/30A	4
2.32 Portable Power factor meters: Dynamometer type, eddy current type, damping, frequency cycle 50 Hz, scale length 150 mm, current rated upto 20A, Volt-300V. p.f. range 0.5 lag-unity 0.5 lead, housed in teak wood/ebonite case with antiparallax mirror with knife edge pointer	
a) Portable type single phase single element type 110 V/240 V or 1 A or 5 A	1
b) Portable type 3-phase single element type 110 V/ 240 V, 1 A or 5 A	1
2.33 Frequency Meter:	
a) Pointer type Portable type housed in phenolic moulded body with antiparallax mirror scale knife, edge pointers range 40-60 Hz, 230 V, 110 V or 240 V or 45-55 Hz	1
b) Read type 230 V, range 40-60 Hz and 21 Read	1
a) Digital type. 3 1/2 digit: LED, display frequency meter suitable for use on 230V AC main supply range 20-99Hz	1
2.34 Synchroscope: Suitable for 110V AC, 1-phase, 50 Hz alongwith potential transformer, 230V and 415V on primary and 110V on secondary side	1
2.35 Phase Shifting Indicator: Suitable for 50 V to 500 AC from 25 Hz to 55 Hz	2
2.36 Tong Testing Ammeter: 0-15 A/50A/100A Clip-on type	1
2.37 Current Transformer: 100-50-25-10/5A	2
2.38 Potential Transformer:	
a) 10 VA, 440/110 V	1
b) 10 VA, 220/110 V	1
2.39 DC Regulated Power Supplies: 0-30V, 5A, DC and also with short circuit and over load protection with measuring devices	2
2.40 Controllers, Timers, Contactors and limit switches	

Sr Particulars/ Specification	Qty. Estimated No
2.41 Equipment for additional experiments: 3-phase Brushless alternator coupled to dc shunt motor may be added 8KVA,415volts,3-phase,50Hz,1500rpm	1
2.42 Rectifier-Inverter Set: 3-Phase, 3KVA, 415V, 50Hz on rectifier input side 3 phase, 3 KVA,25 to 150 Hz on the output side	1

3. ELECTRICAL WORKSHOP

Sr Particulars/ Specification	Qty. Estimated No
3.1 Oil Testing Set: Oil testing set as per ISI 6792/1972 input voltage 220-250 volt, 50 Hz AC Output voltage 0-50 kv, accuracy +.4% of FSD Rate of rise of voltage automatic 2 Kv/Sec motorised	
3.2 Electric Lamps:	
a) Mercury vapour lamp 120 watt, 230v, 50 Hz AC supply complete with choke, lamp holder and power factor capacitor	2
b) Mercury vapour lamp ML type 120/125 watt, 230 v, 50 Hz supply	2
c) Sodium vapour lamp 120 watt/250 watt, 230 volts, 50 Hz with choke	4
d) Fluorescent tube: 20/40 watt, 230 V,50 Hz, single phase with choke, starter and fittings various sizes and types i.e. round etc.	2
e) Halogen lamps: 1000 watts/1500 watt, 230 v, 50 Hz complete with fittings(Fluorescent tube light)	1
f) Filament Lamps	
- 60 W lamp, 230 V	100
- 60 W lamp, 100 V	100
- 60 W lamp, 230 V	100
- 200 W lamp	100
- 500 W lamp	100
- 100 W – 110 V lamp	100
- 100 W - 150 V lamp	100
g) CFL LAMP	50

4. RELAY LABORATORY

4.1 Different types of relay: Inverse time over current relay (induction type): Suitable for operation for 5 amps with setting range 50-200% adjustable in seven equal steps of 25% Time setting 0-30 second at 10 times the current setting AC supply-240 V, 50 Hz	1
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- 4.2 Earth Leakage Relay: Suitable for operation for 5 amp. with following setting range 10-40% adjustable in seven equal steps of 5% 1
- 4.3 Inverse Over Current Time Static Relay: Auxillary DC voltage 24V. Inverse time - at 10 times - 70 ms. Definite time - at 10 times- 60 m.s. Frequency 50 Hz \pm 3%. Operating current 5 amps. with seven equal current setting 1
- 4.4 Relay testing kit with following accessories 1
- 1) Current circuit
 - 2) Voltage circuit
 - 3) Timer circuit
 - 4) Control circuit suitable for testing
 - a) Over current
 - b) AC voltage
 - c) Earth leakage

Input - 230 volts single phase 50 Hz Output - current output 1,2,5,10, 20A Maximum capacity 6 KVA Voltage output - 50 V, 110V fixed at 2 amps for timer starting capacity 2 amps. Time measurement with the aid of digital time internal meter 99.99 m.sec. 999.9 m.sec 9.9999 sec. 99.99 sec. 999.9 sec.

NOTE: i. All the items should be of standard make of good quality, accuracy and Precision.

ii. The Items supplied should be in compliance with AICTE approval for setting Electrical Laboratory.

iii. The procuring authority i.e. Deputy General Manager, NTSC Neemka, Faridabad have full rights to cancel the Tender even after calling the offers from bidders but before the issue of supply order to execute the supply by the bidder. The reason for cancellation of supply to the designated location would not be disclosed.

(Undertaking from Bidder on their official stationery)

To,
The Deputy General Manager
NSIC- Technical Services Centre,
Tigaon Road, Neemka, Faidabad-121004

Sir,

Subject: Undertaking for the participation to the tender No. **NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01** due for opening of technical bid on 1st November. 2017

Dear Sir,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. Notice Inviting Tender
2. Instruction to The Tenderer
3. Technical Specifications of machine (Annexure-A)
4. Annexure – C (Technical Bid)
5. Annexure- D (Commercial Bid)

I/Wedo hereby submit the above tender in prescribed formats duly 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 at the location(s) of purchaser including the scope and nature of duties expected from the Bidder.

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

I/ We declare that our unit has never made any default in supplying the machine/ equipment to Government / Semi Government/ Central or State Public sector enterprise(s) in terms of quality and financial agreed supply conditions.

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

.....
.....

I/We fully understand the terms and conditions in the tender documents.
I/We understood that the purchaser is not bound to accept any proposal that it may receive without assigning any reason.

Dated this.....day of.....2017

Authorized Signatory
Seal:

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

1. **Tender Ref. No:** NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01
2. **Name of Bidder:**
3. **Complete office address of Bidder**.....
4. **Tender fee payment details** (if tender document downloaded from website)
Details of DD/RTGS/NEFT by which tender fee paid.....
5. **Confirmation of acceptance of Technical Specifications for the supply of machine:**

#	Technical Specifications	Acceptance to the Specification as placed at Annexure-A and agreed to supply with required Quantity (write YES/ NO only)	If marked "NO" in the column before, specify the deviation in specification of the machine offered for the supply.
	Electrical Labs Equipment's	AS Per Annexure-A	
	Power supply:	220 V± 10%, 50 Hz, AC supply Operating Environment Designed for smooth, efficient and trouble-free operation in tropical humid climate	

6. Confirmation for supply to the location(s):

#	Details	Locations
		Neemka, Faridabad (Haryana)
1	Tentative quantity required	As per Annexure-A
2	Consent to supply: (write YES/ NO only in the cells placed under each location)	

7. **EMD payment details** (Not applicable if the bidder is holding valid registration/ exemption certificate, as per Para 12 (c) of Instruction to Tenderers): Details of DD/RTGS/NEFT by which EMD paid
.....

The EMD of ` 50000/- (Rupees Fifty Thousand only) shall be submitted.

8. **PAN Number of bidder** (self-attested copy to be enclosed)

9. **GSTIN registration number of bidder** (self-attested copy to be enclosed)
.....

10. **Delivery period after receipt of supply order from purchaser:** *(The purchaser interested to complete delivery of machine by the bidder within sixty (45) calendar days from the date of issue of supply order. However, the bidder have an option to submit the best delivery time, but in any case the delivery should be before 90 days from the date of issue of supply order by purchaser. Delivery to be completed in number of days (Calendar Days In figure)..... (Calendar Days in words) from the date of issue of supply order by purchaser.*

11. **Details of address with contact details from where the bidder planned to offer After Sales Services during the Warranty & After warranty Maintenance period :**

#	Locations
	Neemka, Faridabad (Haryana)
Details of address of bidder for rendering After Sales Services	

12. **Details of address with contact details for at least five purchaser to whom the bidder supplied similar machine in the last five (5) years and machine shall be in operations to the satisfaction of buyer for the last three (3) years:** *The format for submission of details for at least three purchaser are as under: (the bidder can furnish details of even more than three purchaser)*

- a. Address of Purchaser with contact details (email and phone no.):.....
- b. Details of order for supply placed to bidder:.....
- c. Description and quantity of ordered equipment:.....
- d. Value of order in rupees:.....
- e. Date of completion of delivery:.....

(The purchaser shall have liberty to contact any or all of purchaser to assess the performance of machine supplied by bidder)

13. **Documents - Details to be enclosed with the Technical bid by bidder are as under:**

- a) In case the bidder is Original Equipment manufacturers, the bidder to submit a self-declaration on their letter-head, confirming that they are regular in manufacturing & supplying the similar machines, as asked in this tender, for the last Five (05) years.

- b) In case the bidder is Authorized Distributor of OEM / Authorized Dealer of OEM, the bidder to attach self-certified valid authorized Distributorship / Dealership license from Original Equipment Manufacturers who should have valid ISO Certificate and shall be engaged in regular manufacturing and supply of similar machine for the last Five (05) years.
- c) The original equipment manufacturers shall attach the self-certified copy of valid ISO Certificate for their establishment.
- d) In case the bidder is Authorized Distributor of OEM / Authorized Dealer of OEM, the bidder to attach the self-certified copy of valid ISO Certificate of their OEM.
- e) Undertaking as per annexure-B on official stationery.
- f) Duly signed all pages "Instructions to Tenderers" of the tender document as a mark of acceptance.
- g) The letters substantiating performance from at least five (05) other purchasers, to whom, the similar machine supplied by the bidder in last five (05) years, wherein, the machine shall be in operation to the satisfaction of buyer for the last three (03) years, to access performance of the machine supplied by your organization.
- h) Technical Literature of machine(s) with particular reference to the modal of machine proposed to supply against this tender along with reference of website to assess the further features.
- i) Authorization letter in favor of personnel to sign the tender behalf of bidder.
- j) Self-certified copy of valid certificate for claiming EMD exemption.
- k) Self-certified copy of valid certificate for claiming Tender Fee exemption.
- l) Self-attested copy of valid GSTIN registration.
- m) Self-attested copy of valid PAN number.
- n) The Bidders shall furnish complete Technical details of machine/equipment/material for the machine offered to supply through the participation of this tender (use separate sheet to elaborate the details of technical specifications such as Measuring Range/Size, Least Count/Resolution, Accuracy, Materials used, Accessories, Tools, Spares etc.)
- o) To submit all supporting information with respect to the technical data, drawings or booklets of product. Any product brief, test certificates available may be enclosed.

I/We as bidder certify that:

- a. The tender shall remain valid for acceptance for 90 days from the date of opening the Technical Bid of the tender.
- b. Agree to offer services for onsite comprehensive warranty on the machine(s) supplied through this tender.

- c. Agree to offer services for maintenance contract for the next three years for the machine(s) supplied through this tender.
- d. Agree to impart onsite training to the designated personnel of purchase for 10 working days
- e. No price of any Machine/ Equipment/ Spares/ Accessories shall be given in Technical Bid.
- f. All above machines should be provided with safety features/ curtains/ enclosers etc. wherever applicable.
- g. Units should certify that all consumables, electrical and electronic parts of the product conform to national/ international standard(s).

Name & Signature of the authorized bidder with stamp
Contact details of authorized person of bidder who have signed the tender.

Name.....

Designation.....

Phone (office).....

Phone (Mobile).....

E mail.....

FORMAT FOR SUBMISSION OF COMMERCIAL BID

Tender Ref. No: **NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01**

1. Name of the Bidder:
2. The financial offer to execute the supply as per the tender:

a. Supply of Machine to the Neemka, Faridabad (Haryana) location:

#	Details	Unit Price of Machine before taxes & duties of single unit (In Rs.)	Quantity to be supplied (In No.)	Total basic price (Multiply column no 2 and 3) (In Rs.)
	1	2	3	4
a.	Offered financials for the Supply, Installation, and Commissioning at site & Training to trainers with commitment to offer on site after sales Services in the period of Warranty and maintenance contract for the machine offered to supply, as agreed in the technical bid of the tender No. NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01			
b.	Total Price of Machine before taxes & duties for the supply of total quantity as detailed at row 'a' above to the location at Neemka, Faridabad (Haryana) (Row a) (In Rs.)			
c.	Total Price of Machine before taxes & duties for the supply of total quantity as detailed at row 'a' above to the location at the Neemka, Faridabad (Haryana) (Row a) (In words)			

The followings to be noted while submitting financial details for the supply of machine to the individual location:

- a. The competitiveness of bid shall be made on individual location basis on the evaluation of "Unit Price of Machine before Taxes & Duties" for that particular location. Since the evaluation of bid shall be made on individual location basis instead of competitiveness to be evaluated on the basis of total value of bid for all locations, there may be chances that different bidder(s) would be selected for the different locations to supply.
- b. The Purchaser shall compare the "Unit Price of Machine before Taxes & Duties" of all the responsive bids to determine the lowest bid for a particular location.
- c. The bidder shall note that they are not supposed to put any Taxes & Duties amount in the Commercial Bid. However, after the supplies, they have to issue the invoice indicating the Price of machine as quoted in the Commercial Offer and thereafter specify the Taxes as applicable at the time of delivery. The Purchaser shall pay total amount which includes the unit price of machine as well as the taxes and duties as applicable at the time of delivery.
- d. The Total Cost quoted above should be inclusive of Basic Price, Transportation, Incidental Services (including Insurance, Loading/ Unloading, Packing & Forwarding

TENDER NO.: NSIC/ELECTRICAL/NEEMKA FBD/2017-18/01

charges etc.), Installation & Commissioning, Demonstration & Training, on-site warranty and maintenance contract.

- e. The Purchaser is authorize to ask the evidence from bidder to counter-check that the taxes & duties as claimed by the bidder at the time of issue of invoice after the supply of machines.
- f. The purchaser will not issue any form ('C' and 'D') toward rebate / exclusion of GST etc.
- g. The bidder will not be entitled to any increase in Unit Price of the machine before Taxes & Duties occurring during the period of delivery even if there is delay in supplies / completion attributed to him.
- h. The "Unit Price of the machine before Taxes & Duties" should be inclusive of all costs involved for the delivery to the destination(s) which include the cost of Installation & Commissioning at destination, Training to the local trainer (as detailed at Para 4(d) of "Scope of Supplies" of this tender), Cost of services to be provided during Comprehensive Warranty of two years. (Refer Para 4 (e) of "Scope of Supplies" of this tender) and cost of services to be provided in the period of AMC for two years after the expiry of warranty period of two years (Refer Para 4 (f) of the "Scope of Supplies" of this tender.)
- i. No extra payment or revision of "Price of Machine before Taxes & Duties" shall be accepted on account of any discrepancy in nomenclature of items. The Bidder is advised to seek clarification, if any, desired before submitting the tender.
- j. The "Unit Price of the machine before Taxes & Duties" competitiveness shall be given due consideration while analyzing the Commercial Bid.

I/We as bidder certify that:

- a. The tender shall remain valid for acceptance for 90 days from the date of opening the Technical Bid of the tender.
- b. Agree to offer services for onsite comprehensive warranty on the machine(s) supplied through this tender.
- c. Agree to offer services for maintenance contract for the next two years for the machine(s) supplied through this tender.
- d. Agree to impart onsite training to the designated personnel of purchase for 10 working days
- e. Agree to three (3) sets of the Installation, Operation, Maintenance, Training Manual with machine
- f. Agree that the offer price is valid for the period of 90 days from the date of opening of technical bid of this tender.

Further confirm that we agree with the terms and conditions specified in "Instructions to Tenderers" and if selected, the execution of supplies would be made in compliance.

Name & Signature of the authorized bidder with stamp
Contact details of authorized person of bidder who have signed the tender.

Name.....
Designation.....
Phone (office).....
Phone (Mobile).....
E mail.....