

**NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM**

Ravangla Campus, Barfung Block, South Sikkim 737139

www.nitsikkim.ac.in/ (Ph.): 03595-260042

Tender No: 03/NITS/EEE/Machine lab/2015-16/600

Date: 25/10/2016

SUPPLY OF EQUIPMENT FOR ELECTRICAL MACHINE LABORATORY

Closing Date and Time for submission of bid	5 PM on 21/11/2016
Opening Date and Time (Technical bid)	2:30 PM on 24/11/2016
Opening Date and Time (Financial bid)	The financial bids of only technically qualified bidders will be opened and the date and time will be informed to successful technical bidders.
Bid to be submitted to	Head of the Department In-charge, Department of Electrical and Electronics Engineering National Institute of Technology Sikkim Ravangla Campus, Barfung, South Sikkim, 737139
Place of opening of bid	Conference Hall, National Institute of Technology Sikkim, Ravangla Campus, Barfung Block, South Sikkim, 737139
Tender fee	Rs. 500 (non-refundable) in form of a Demand Draft drawn in favour of DIRECTOR, NIT Sikkim payable at Ravangla South Sikkim
Earnest Money Deposit (EMD)	EMD for Equipment set A: Rs.20760/- EMD for Equipment set B: Rs. 5652/- The EMD should be in the form of a Demand Draft drawn in favour of DIRECTOR, NIT Sikkim payable at Ravangla South Sikkim, and valid for a period of atleast 60 days from the date of opening of technical bid.

NOTICE INVITING TENDER

National Institute of Technology (NIT) Sikkim, Ravangla, South Sikkim invites most competitive bid for following lab equipment. The bid documents for the Technical Bid and Financial Bid separately should be sent directly to the undersigned under Sealed Cover marked “**Tender Reference No., Dated**”, and “**Closing Date of Submission**”.

Sl. No.	Brief Description of Equipment	Quantity	Place of Delivery	Installation required , if any
1	<i>SUPPLY OF EQUIPMENT FOR ELECTRICAL MACHINE LABORATORY for the Department of Electrical and Electronics Engineering (detailed specifications attached in this document)</i>	As per details attached	NIT Sikkim Ravangla Campus	Yes and demonstration required

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Noncompliance with specifications/ instructions in this document may disqualify the bidders from the tender process. The tender document can be downloaded from the Institute Website at URL <http://www.nitsikkim.ac.in>. The bidders are advised to visit the website frequently for any update(s) related to this.

Please note that NIT Sikkim is located in a remote place in the north eastern state of Sikkim where the speed post takes at least 7 days to reach. So, all bidders are requested to send in their bids well in advance of last date or they can hand deliver it by their employees.

The financial bids of only technically qualified bidders will be opened on a later date. The date and time of opening the financial bids shall be announced after scrutinizing the Technical Bids. Right to reject any or all tenders, without assigning any reason there of is reserved by the NIT Sikkim.

Sd/-

Head of the Department In-charge,
Department of Electrical and Electronics Engineering
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block, South Sikkim 737139.

Instructions to Bidders

The technical and financial bids should be quoted separately and put in different sealed envelopes marked “**Technical bid**” and “**Financial bid**”. Those two envelopes are to be put in a separate envelope, which should be properly sealed. The EMD and Tender fee should be enclosed in the **technical bid** in the form of A/C payee DD in favours of “**Director, NIT Sikkim**” payable at Ravangla, South Sikkim.

1. The financial bid should include the cost of main equipment/items and its accessories. If there is any separate cost for **installation, warranty extension** etc. that should be quoted separately.
2. The quotations shall be submitted in a sealed envelope duly marked “Tender reference no., Dated” and “Closing date of submission:” on the corner of the envelope.
3. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are overwriting, they should be duly initialed, failing which the bids are liable to be rejected. No alternate price will be entertained in the quotation.
4. All tender documents should have to be sent through courier, speed post or registered post only or may be dropped in person at NIT Sikkim. Quotation received after the closing date/time will not be considered.
5. While sending rates, the firm shall give an undertaking to the effect that “*the terms/conditions mentioned in the inquiry letter/Tender Notice against which the rates are being given are acceptable to the firm.*” In case the firms do not give this undertaking, their rates will not be considered.
6. The supplier/firm must be either original equipment manufacturer (OEM) or authorized dealer/sole distributor of quoted items, the certificate to this effect must be attached.
7. The quantity shown against the item is tentative and may vary as per dynamic requirement of the Institute.
8. In the event of any dispute or difference(s) between the vender Institute (NIT Sikkim) and the vendor(s) arising out of non-supply of material or supplies not found according to specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to “The Director, NIT Sikkim”, Sikkim who may decide the matter himself.
9. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer may be summarily rejected.
10. Successful bidder have to deposit PBG of 10% with validity up to the product warranty period after the P.O. is endorsed to the suppliers. If not received, 10% will be deducted from invoice and balance will be paid to the supplier.

The technical and financial bids should be addressed to

Head of the Department In-charge,
Department of Electrical and Electronics Engineering
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block, South Sikkim 737139.

The bidders or their authorized representative may also be present during the opening of the Technical Bid if they desire so, at their own expenses.

Financial bids of only those bidders will be opened whose technical bids are found suitable by a committee for the purpose. Date and time of opening of financial bids will be decided after the committee has evaluated technical bids. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before awarding the contract.

General Terms and Conditions:

Clarifications:

In case the bidder requires any clarification regarding the specification/tender document, they are requested to contact Dr. Anjan Kumar Ray (e-mail: akray.nits@gmail.com), HoD In-charge of EEE or Mr. Melay Roy (molay.roy@gmail.com), Assistant Professor, NIT Sikkim on or before 16/11/2016.

Pre – Qualification Criteria:

1. Bidder should be the manufacturer/authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed for items as required.
2. ISO certified company shall be preferred.
3. The bidder must be a registered/authorized firm with TAN/VAT/CST/PAN registration clearly mentioning the scope of items authorized to supply from the registration authority. Suitable documents should be enclosed.
4. The bidder must have experience in similar supply to central universities, IITs, NITs in the past. Suitable documents should be enclosed.
5. For **Equipment Set B**, the bidder must have supplied similar items to central universities, IITs, NITs in the past. Suitable documents should be enclosed.
6. The Bidders may quote for **Equipment Set A and/or Equipment Set B** for consideration.

Prices:

The Prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery and commissioning etc. at destination site (NIT Sikkim, Ravangla, Sikkim). The rates shall be firm and final and nothing extra shall be paid on any account without further approval of the competent authority. The bidder should add 1% as ECESS on total value payable to the Govt. of Sikkim.

ECESS @1% of the cost of total value to be paid to Sikkim Govt. and the cost for road permit must be borne by the suppliers. This is the cost of special permit for nationally important educational institution like NIT Sikkim. The NIT Sikkim may help in arranging waybill against invoice. However, the charges @1% + cost of procurement (Form cost etc.) shall be deducted from the total bill amount and balanced will paid to supplier bidder. If way bill need to be arranged by NIT Sikkim, then bidder must produce invoice 2 weeks before delivery.

Validity:

The bid should be valid for acceptance for a period of 90 Days. The bidders should be ready to extend the validity, if required.

Delivery:

The Equipment should be delivered and installed within the period as specified in the purchase order and be ready for use within 8 weeks of the issue of purchase order unless otherwise prescribed.

Liquidated Damage:

If the bidder fails to deliver and place all the Equipment or perform the service by the specified date, penalty at the rate of 1% per Month of the total order value subject to the maximum of 10% of total order value will be deducted.

Warranty

Bidders must give the comprehensive onsite warranty for at least one year from the date of successful installation of Equipment against any manufacturing defects and also give the warranty declaration that *“everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document.”*

Any deviation in the material, and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction/specifications specified in the order/contract and demonstrate at the their own cost.

Vender selection:

NIT Sikkim have authority to cancel all tender process at any time without giving any reason and for the same, bidder can't claim any cost to NIT Sikkim. NIT Sikkim may select different bidders for separate set (Equipment Set A and Set B).

BID PROPOSAL SHEET

(ON THE LETTER HEAD OF THE BIDDER)

To

**Head of the Department In-charge,
Department of Electrical and Electronics Engineering
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block, South Sikkim 737139.**

Subject: “**SUPPLY OF EQUIPMENT FOR ELECTRICAL MACHINE LABORATORY**” at NIT Sikkim, Ravangla Campus, Sikkim – 737139.

Dear Sir,

We, the undersigned Tenderer(s), having read and examined in detail the specifications as specified in this document in respect of **SUPPLY OF EQUIPMENT FOR ELECTRICAL MACHINE LABORATORY for the Department of Electrical and Electronics Engineering** at NIT Sikkim, Ravangla Campus Sikkim do hereby propose to supply the required products and services including installation as required and demonstration of products.

Tender No: 03/NITS/EEE/Machine lab/2015-16/600 Dated: 25/10/2016				
Tender Fee : Submitted		YES/NO (Please strike off whatever is not applicable)		
Amount	No (DD/Ch/BC)	Date of Issue	Name of Bank	Valid up to
	Demand Draft			
EMD : Submitted		Equipment set A YES/NO Equipment set B YES/NO (Please strike off whatever is not applicable)		
Amount	No (DD/Ch/BC)	Date of Issue	Name of Bank	Valid up to

(i) **BID PRICING:** We further declare that the prices stated in our proposal are in accordance with your Terms & Conditions in the bidding document. We further understand that the quantities as specified in this Tender may increase or decrease at the time of Award of Purchase Order as per the requirements of NIT Sikkim.

(ii) **QUALIFYING DATA:** We confirm that we satisfy the qualifying criteria and have attached the requisite documents as documentary proofs. In case you require any further information/documentary proof in this regard during evaluation of our bid, we agree to furnish the same in time to your satisfaction.

(iii) **CONTRACT PERFORMANCE SECURITY:** We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee Bond in the form of Bank Guarantee for the amount mentioned at tender document of the total order value.

(v) **PAYMENT TERMS:** We hereby declare that in case the contract is awarded to us, we agree with payment terms specified in the tender documents/purchase order.

(vi) **CERTIFICATE AND DECLARATION:**

a) I/We certify that no addition/modification/alteration has been made in the Original Tender Document. If at any stage addition /modification /alteration is noticed in the Original Document, I/We will abide by

the terms and conditions contained in the original tender document, failing which NIT Sikkim reserves the right to reject the tender and/or cancel the contract.

b) It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. We hereby declare that our proposal is made in good faith, without collusion or fraud. No forged /tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that NIT Sikkim is authorized to make enquiry to establish the facts claimed and obtained confidential reports from clients.

c) In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims. Further NIT Sikkim is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.

d) I / We assure the Institute that neither I /We, nor any of my /our workers, will do any act which is improper / illegal during the execution in case the tender is awarded to us.

e) I / We assure the Institute that I / We will NOT be outsourcing any work specified in the tender document, to any other firm.

f) Neither I / We, nor anybody on my /our behalf will indulge in any corrupt activities /practices in my /our dealing with the Institute.

g) Our Firm/Company/Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or any other Govt. Organization.

h) I/We certify that, I have understood all the terms & conditions as indicated in enquiry of the tender document, and hereby accept all the same completely.

i) I/We, further certify that I/We, possess all the statutory/non-statutory registrations, permissions, approvals, etc., from the Competent Authority for providing the requisite services.

j) We understand that you are not bound to accept the lowest or any bid you may receive.

k) I/We hereby declare that this tender on acceptance communicated by you shall constitute a valid and binding contract between us.

l) I/We certify that the submitted quotation is duly paginated and contains from page no. 1 to

Date:

Signature and Seal of the Manufacturer/Bidder

**Technical Compliance of Equipment
(On the letter head of the bidder)**

ELECTRICAL MACHINE LABORATORY (ELECTRICAL AND ELECTRONICS ENGG DEPTT.)				
Item No	Instruments with specifications	Quantity needed	Compliance (Yes/No)	Deviation / Remarks
Equipment Set A				
1	1HP, 220V, 1500 RPM DC shunt motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
2	1HP, 220V, 1500 RPM DC series motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
3	1 kW, 220V, 1500 RPM DC shunt generator coupled with 2HP, 220V, 1500 RPM DC shunt motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
4	1HP, 230V, 50 Hz, 1500 RPM, 1-ph induction motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
5	1HP, 415V, 50 Hz, 1500 RPM, 3-ph induction motor (e.g. G.E./Crompton Greaves/ Kriposkar make) coupled with 1HP, 220V, 1500 RPM separately excited dc machine, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	02		
6	1HP, 415V, 50 Hz, 960 RPM, 3-ph synchronous motor from reputed make (e.g. G.E./Alstom/ABB) coupled with 1HP, 415V, 50 Hz, 1500 RPM, 3-ph induction motor from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
7	1kVA, 415V, 50 Hz, 1500 RPM, 3-ph alternator from reputed make (e.g. G.E./Alstom/ABB) coupled with 2HP, 220V, 1500 RPM separately excited dc Machine from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
8	1HP, 415V, 50 Hz, 960 RPM, 3-ph synchronous motor from reputed make (e.g. G.E./Alstom/ABB) coupled with 1HP, 220V, 1500 RPM separately excited dc machine from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		

9	MCB, Starter, Terminal, Wire etc. (As per items Equipment Set A 1-8 as proposed by the vendors)			
Equipment Set B				
1	DC power supply: Output 0-250 V, 50 A, Input 3 phase, 415 V, 50 Hz	01		
2	3 phase Variac, 415 V, 50 Hz, 15 A from reputed make, trolley system for easily moved, Input and output terminal brought out side and easy color marking, i.e. Red, Yellow, Blue, and Neutral	04		
3	Ammeter (DC 0-2.5/5 A, 0-5/10 A) (AC 0-2.5/5A, 0-5/10 A)	20 (Each item 5 Nos.)		
4	Wattmeter (0-5/10 A, 150-300-600 V)	10		

We also confirm that the normal commercial warrantee/guarantee of _____ months shall apply to the offered goods.

We declare that ***“everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document.”***

Date:

Signature and Seal of the Manufacturer/Bidder

Note:

1. Preference will be given to ISO certified manufacture/supplier, who can ensure the manufacturing of the machine as per the required testing standards/tender specifications.

FINANCIAL BID
(ON THE LETTER HEAD OF THE BIDDER)

ELECTRICAL MACHINE LABORATORY (ELECTRICAL & ELECTRONICS ENGG DEPTT.)				
Item No	Instruments with specifications	Quantity needed	Quoted Price	Total Price
1	1HP, 220V, 1500 RPM DC shunt motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
2	1HP, 220V, 1500 RPM DC series motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
3	1kW, 220V, 1500 RPM DC shunt generator coupled with 2HP, 220V, 1500 RPM DC shunt motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
4	1HP, 230V, 50 Hz, 1500 RPM, 1-ph induction motor, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
5	1HP, 415V, 50 Hz, 1500 RPM, 3-ph induction motor (e.g. G.E./Crompton Greaves/ Kriloskar make) coupled with 1HP, 220V, 1500 RPM separately excited dc machine, from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	02		
6	1HP, 415V, 50 Hz, 960 RPM, 3-ph synchronous motor from reputed make (e.g. G.E./Alstom/ABB) coupled with 1HP, 415V, 50 Hz, 1500 RPM, 3-ph induction motor from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
7	1kVA, 415V, 50 Hz, 1500 RPM, 3-ph alternator from reputed make (e.g. G.E./Alstom/ABB) coupled with 2HP, 220V, 1500 RPM separately excited dc Machine from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
8	1HP, 415V, 50 Hz, 960 RPM, 3-ph synchronous motor from reputed make (e.g. G.E./Alstom/ABB) coupled with 1HP, 220V, 1500 RPM separately excited dc machine from reputed make (e.g. G.E./Alstom/ABB) fitted on M.S. base plate with mechanical loading arrangement	01		
9	MCB, Starter, Terminal, Wire etc. (As per items Equipment Set A 1-8 as proposed by the vendors)			
	Sub Total: Equipment Set A			
	Taxes (CST/VAT)			
	Environmental CESS 1%			

	Delivery and Installation Charge			
	Grand Total: Equipment Set A			
Equipment Set B				
1	DC power supply: Output 0-250 V, 50 A, Input 3 phase, 415 V, 50 Hz	01		
2	3 phase Variac, 415 V, 50 Hz, 15 A from reputed make, trolley system for easily moved, Input and output terminal brought out side and easy color marking, i.e. Red, Yellow, Blue, and Neutral	04		
3	Ammeter: DC 0-2.5/5 A, 0-5/10 A AC 0-2.5/5A, 0-5/10 A	20 (Each item 5 Nos.)		
4	Wattmeter (0-5/10 A, 150-300-600 V)	10		
	Sub Total: Equipment Set B			
	Taxes (CST/VAT)			
	Environmental CESS 1%			
	Delivery and Installation Charge			
	Grand Total: Equipment Set B			

We agree to supply the above goods/equipment in accordance with the technical specifications for a total contract price of Rs. _____ (Please specify the Item groups) _____ within the period specified in the Invitation for Quotations.

Date:

Signature and Seal of the Manufacturer/Bidder

Note:

1. Preference will be given to ISO certified manufacture/supplier, who can ensure the manufacturing of the machine as per the required testing standards/tender specifications.

PROFORMA FOR DIRECT PAYMENT/TRANSFER TO BANK ACCOUNT BY NIT SIKKIM

Sl. no.	Particulars	Information
1	Firm (Beneficiary) Name	
2	Please enclose a cancelled cheque and copy of PAN card. Cancelled cheque and PAN card is to be submitted only once	
3	Complete Bank Account No. of the Firm [beneficiary]. [in case of change in bank account vendor should write to Account Office]	
4	Bank Name	
5	Bank Address	
6	IFSC Code no	
7	Mobile no (for SMS)	
8	Email ID (for information)	

We undertake that all information provided above is correct and NIT Sikkim will not be responsible in case of any error on the part of firm.

Note: This Performa shall be enclosed with price bid

[Seal and Signature of the firm]