NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR
Silchar – 788 010 (ASSAM)

No: NITS-PS-525-ECE-MEMS & COMSOL-17   Date: 27/12/2017

NOTICE INVITING TENDER

FOR SUPPLY AND INSTALLATION OF SOFTWARE FOR ECE DEPARTMENT

AT NIT SILCHAR

LAST DATE & TIME OF SUBMISSION   :   29/01/2018 up-to 01.00 PM

DATE & TIME OF OPENING   :   29/01/2018 at 03.30 PM

NATIONAL INSTITUTE OF TECHNOLOGY

SILCHAR - 788 010

Tel.No. Director: (03842) 224879   Fax: (03842) 224797

NOTICE INVITING TENDER

Adv. No: NITS-PS-525-ECE-MEMS & COMSOL-17

Sealed Tender/Quotations are invited from reputed Firms/Agencies/Manufacturer/Authorized Dealer **FOR SUPPLY AND INSTALLATION OF SOFTWARE FOR ECE DEPARTMENT AT NIT SILCHAR along with Earnest Money Deposit (EMD) @2% of the total bid value in the form of Demand Draft/Bank Guarantee in favour of "The Director, NIT Silchar", Payable at Silchar. No Interest shall be paid on EMD.**

Detail specification of the item/items is given in **(Annexure – A).**

Tender documents can be obtained from Purchase Section, NIT Silchar or may be downloaded from our website www.nits.ac.in or http://tenders.gov.in. **The cost of tender document is Rs.5,00/-** (Non-refundable) to be submitted in the form of DD in favour of The Director, NIT Silchar, Payable at Silchar. The last date and time for submission of Tender document will be 29/ 01 /2018 up-to **01.00PM** and tender will be opened on the same date at **03.30 PM** in office of HOD, ECE Dept., NIT SILCHAR.

The offers without Cost of Tender & Earnest Money Deposit (EMD) shall be out rightly rejected.

Director, NIT Silchar reserves the right to extend the date, or cancel the tender, accept or reject any/all quotations or not to purchase all or any of the items.

Quotations are to be sent/submitted in sealed covers addressed to:-

> **The Faculty-In-Charge, Purchase**
> **National Institute of Technology, Silchar**
> **788 010 (Assam)**

REGISTRAR, NIT SILCHAR

NOTICE INVITING TENDER

Credential Criteria:

- The bidder should have provided similar nature of services to IITs/NITs/Govt. Departments/Semi Govt. Departments/PSU/Educational Institutions of National Importance etc. during last 3(three) years. **Duly certified copies are to be enclosed.**

- Quotations are to be submitted in **TWO PARTS** i.e. **(a) Technical Bid** and **(b) Price Bid**, in two separate properly sealed covers; and both these covers will have to be again put in to a single sealed cover. Also, the address of the firm submitting the quotation must appear distinctly on both the inner sealed covers, indicating also **TECHNICAL BID / PRICE BID** as may be applicable. The outer most cover shall be super scribed as

  o "QUOTATION FOR SUPPLY & INSTALLATION OF ....FOR .... NIT SILCHAR.

  o VIDE TENDER REF NO NITS/PS-.., DATED................................DATE OF OPENING ....

  [The bid will summarily be rejected & returned to the bidder if the sealed envelope containing the quotation is not super scribed as above].

  o **Genuine Pricing** (Both foreign & indigenous) :Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold recently, particularly to IIT/Institutes and other Government Organization.
  o **No Part Delivery:** Part shipment for any items will not be allowed.
  o **Any Optional item quoted by the supplier will not be entertained.**
  o **Termination for default :** Default is said to have occurred -
  o If the supplier fails to deliver any or all of the items/services within the time period(s) specified in the purchase order or any extension thereof granted by NIT Silchar, the Institute may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable.

TERMS & CONDITIONS:

1. The bidding agency should be reputed firm and having all necessary certificates, viz. GST registration certificate, PAN, Registration, Sale Tax clearance Certificate, Authorized Dealership/Distributorship certificate, etc. The photocopies of all the certificates should be attached with the tender.

2. The firm should be an original software manufacturer/developer in the business of manufacture or registered supplier of software for minimum 5 (five) years. The firm should submit audited financial statements for latest three financial years in support of this claim.

3. Relevant all detailed specifications make & model no (if any). of the items accompanied by data sheet, proper leaflets, white paper etc. should be clearly mentioned and attached with the offer. In case of proprietary or patented item, necessary certificates in support of the same should be attached. The bidder must submit the Compliance Statement and Deviation Statement of technical specification.

4. The firm should have satisfactorily manufactured or supplied and supplied, as requisitioned in this tender, to IITs/NITs/Govt. Departments/Semi Govt. Departments/PSU/Educational Institutions of National Importance etc. during the last (3)three years ending the last day of March 2017.

5. **The rate quoted must be both in words and figures and F.O.R. / Destination National Institute of Technology, Silchar inclusive of packing, forwarding etc. Octroi, surcharge, insurance, Installation and any other charges.** Educational discount, if any should be indicated clearly. Tenderer(s) may note that the Government of India exempts this Institute from paying custom duty/excise duty on selected items. Necessary documents will be furnished if required on demand by the Tenderer(s). **Rate quoted for any other destination shall not be accepted.**

6. Quoted rate should be inclusive of all taxes and surcharges. Nothing extra will be paid by the Institution.

7. **Payment: 100% Payments shall be made only after receipt and successful installation and commissioning of the software/equipment/machinery/accessories/items as required by the department.**

8. Manufacturer's/Company's name, it's trademark should be mentioned in the Tender and illustrative leaflets giving technical particulars, etc. should be attached in the tender.

9. Tenderer(s) registered with the State/Central Government must quote his registration numbers, if any, and submit a Xerox copy of registration along with the tender.

10. Guarantee/Warranty/License validity period offered for the tendered item is to be clearly specified.

11. The rates to be quoted by the agency should be valid for a period of 6(six) months after the deadline date specified in the tender.

12. The quantity against each item mentioned in the tender may vary according to the actual requirements at the time of placing Purchase Order.

13. It is not binding for the bidding agency to quote for all the items. Bidder may quote for all/some/any one item.

14. **Each bidder should clearly specify that the bidder agrees to abide by the conditions of this tender document on their printed letter head duly sealed & signed by an authorized person.**

15. **Bid Price**

    a) The contract shall be for the full quantity as described above. Corrections, if, shall be made by crossing out, initialing dating and rewriting.

    b) **The bidder should quote the total price for each item inclusive of packing and forwarding, all duties, levies, insurance, installation, any other charges, etc. Only taxes & (discount if any) should be mentioned separately.**

    c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

16. Each bidder shall submit only one quotation.

17. All necessary documents shall be furnished along with the bid.

18. Validity of Tenders/Quotations: Tenders/Quotations shall remain valid for a period not less than 6 (six) months after the deadline date specified for submission of tender.

19. **Packing**

a) The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall have to be taken into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

b) The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements.

20. **Evaluation of Quotations :**

    NIT Silchar will evaluate and compare the quotations determined to be substantially responsive i.e. which

a) are properly signed

b) Conform to the terms and conditions, and specifications.

21. **Award of contract:**

NIT Silchar will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

a) The bidder whose bid is accepted will be notified of the award of contract by the NIT Silchar prior to expiration of the quotation validity period. The terms of the accepted offer not contradicting terms & condition of this tender shall be incorporated in the purchase order.

b) Normal commercial warranty/guarantee/License validity period shall be applicable to the supplied goods.

c) The goods (both indigenous & imported) should be insured against theft, loss or breakage during transit till destination.

d) Upon delivery of goods, the supplier shall submit Suppliers Invoice, Insurance certificate, Warranty Certificate, Installation Certificate or any other document.

22. **Acknowledgement of the Purchase Order:** The supplier shall give an acknowledgement of the receipt of the Purchase Order within 15(fifteen) days. In case, the supplier fails to acknowledge within the stipulated time, the Institute is at liberty to cancel the Purchase Order.

23. No alternations in tender forms shall be made by the bidder and if any such alteration is made, the tender is liable to be rejected.

   a) **Delivery Schedule and Penalty for Delay:** Delivery of equipment should be made within 30days /as per Purchase Order from the date of issue of Purchase Order. **Penalty at the rate of 0.5% or part thereof of the order value per week, subject to a maximum of 2.5% will be imposed for delayed delivery and installation.**

24. Demurrages and penalty, if any, paid by the supplier shall not be borne by the Institute.

25. The tenders submitted shall clearly mention the name of the firm/person in whose favour the purchase order is to be placed.

26. Contact details of the person for all post sales/installation maintenance support should clearly be given with **Name & Designation, Phone No, Fax No, Mobile, E-mail and official address.**

27. National Institute of Technology Silchar is not liable for non-receipt of the tender forms in time due to wrong address/ any delivery delay of the mail service provider/ force majeure. Tender documents received after the last date and time for receiving tenders will be summarily rejected.

28. **Successful bidder shall give a performance security @5-10% of the total order value in the form of Bank Guarantee.** The performance security shall be furnished after the order for supply is placed and before the final payment. Validity of the Performance Security shall cover the warranty period.
   - The proceeds of the Performance Security shall be payable to the purchaser as compensation for any loss resulting from the suppliers failure to complete its obligations under the contract.

29. All legal disputes shall be under the jurisdiction of the Silchar Courts of Cachar District in the state of Assam.

Registrar, NIT Silchar

<u>DECLARATION</u>

I / We hereby declare that no case is pending with the police/ court against the proprietor/ firm/ partner or the company (Agency). Also I /We have not been suspended / blacklisted by any PSU / Government Department / Financial Institution / Court.

(Signature & seal of the contractor)

Place:

Date:

NO DEVIATION CERTIFICATE

Notwithstanding anything mentioned in our bid, we hereby accept all the terms and conditions of this tender and we do not have any deviation to this tender enquiry. We hereby undertake and confirm that we have understood the scope of work properly and shall be carried out as mentioned in this tender enquiry.

(Signature & seal of the contractor)

Place:

Date:

BIDDERS DETAILS

Name of the Supplier/ Contractor /Party/ Firm	:	
Name of Authorized Representative	:	
Phone Nos.	:	
Mobile Nos.	:	
Fax No.	:	
E-Mail Address	:	
Web Site Address (If Any)	:	

(Signature & seal of the supplier/contractor)

Place:

Date:

TECHNO-COMMERCIAL BID

SI. No.	Name of item with Specification, Make & Model(where applicable)	QTY.	Rate per Unit in	Taxes in %	Total Amount in
	NAME OF THE WORK: Supply and Installation of .... at NIT Silchar **TENDER NO. : NITS/PS-.........................., Dtd.............................., LOS : ....**				
			Sub Total Amount		
			Discount (if any)		
			Taxes (if any)		
			Other Charges (if any)		
			Grand Total Amount		
(AMOUNT IN WORDS)					

I/ we have gone through all the Special & General Conditions and the contractor's obligations enclosed with this tender document and agree to abide by these.

Note: In case of discrepancy in rates between figure & words the higher will be taken for evaluation of bid and lower value will be taken for award of work.

(Signature & seal of the contractor)

Place:

Date:

CHECK-LIST (TECHNICAL BID)

SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER

Sl. No.	Description of Requirement	Yes / No / NA	Page No.
1.	Tender Cost Rs.500/- (Non-refundable) in the form of Demand Draft in favour of "Director, NIT Silchar" in a separate envelope		
2.	EMD @2% of total bid value in the form of Demand Draft /Bank Guarantee in favour of "Director, NIT Silchar" in a separate envelope		
3.	Copy of Manufacturer/ Authorized Supplier Certificate		
4.	Audited financial statement for the last 3 years		
5.	Copy of the PAN card.		
6.	Copy of GST /TAX registration certificate		
7.	Copies of previous work order of similar work with completion certificate (if any)		
8.	Declaration certificate		
9.	No Deviation certificate		
10.	Bidder's details		
11.	Technical Specification		
12.	NSIC/SSI Certificate where applicable		
13.	All the pages of tender document have been signed		
14.	Price bid in separate sealed envelope.		
15.	Complete copy of Techno Commercial Bid submit along with the Price Bid.		

(Signature & seal of the contractor)

Place:

Date:

Technical Specification of Item with required Quantity:

Item No.1	Specification of Articles	Number of Perpetual Licenses	Number/Qty. Required
1	Complete Suite (All Modules): • IntelliFab – Process Flow Design, Process Debug, Process Visualization • FabSim – Etching Calibration Tool with Process SImulation • 3Dbuilder – 3D MEMS easy design tool • Blue Print - Physical design Layout/DRC &Tape Out • Parametric Designer - MEMS Parametric simulation Study • Exposure – Lithography Simulation Module • AnisE – Anisotropic Etch Simulator • Electromagnetic – RF MEMS design simulation • Microfluidics – BioMEMS application • RECIPE – 2D and 3D ICP/RIE Etching process • IntelliEtch – Atomistic Etch Simulation • CPU Based Simulation • GPU Based Simulation • Wagon Wheel Analyser • Etch Rate Visualizer/CCA Calibrator • SYNPLE – System level simulation of MEMS devices • Coupled ThermoElectroMechanical (TEM) and Piezo Analysis Module with System Model Extraction (based on FEM)	05	01

• System Model Extractor • Piezo MEMS • Thermo Electro Magneto Module • Nano Simulation Module for CNT based sensors. Utilities: • 2D Viewer , Wafer Bonding, 3D Geometry, 3D Converter, EDA Linker, Job Manager, Mesh Manipulator, VisualEase, Wave Runner	

Item No.2	Specification of Articles	Number/Qty. Required
1	COMSOL Multiphysics, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
2	AC/DC Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
3	Acoustics Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only	02
4	CFD Module, Single User CPU-locked License (CPU), for One (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This License is for academic use only	02

5	Chemical Reaction Engineering Module, Single User CPU locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
6	Electrodeposition Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
7	LiveLink for MATLAB, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
8	Material Library, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
9	MEMS Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only	02
10	Microfluidics Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
11	Molecular Flow Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
12	RF Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02

13	Semiconductor Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02
14	Structural Mechanics Module, Single User CPU-locked License (CPU), for one (1) computer SAC Code 997331, License No. 16074914, 36 months AMC from the date of purchase order. This license is for academic use only.	02